Procedure

1. Core 6" hole through slab.

2. Excavate 18" dia. x 12" deep pocket under slab.

3. Install screw foundation with twin 6" helices vertically down through the center of the cored hole. Continue installing to predetermined torque by adding extensions as necessary. Be sure that both helices have been driven beyond any fill area.

NOTE: For detailed Helical Pier® Foundation Systems installation instructions, refer to your underpinning training manual.

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WARNING
Anchor installation can puncture underground utility service. Can cause property damage, severe injury or death. Locate and avoid all underground utility services when installing screw foundations.
4. Cut off shaft 1" below slab.

5. Place bracket tube over anchor shaft.

6. Slip bracket leveling channel into pocket, rotate and place on top of tube. The channel must be level/flat and have equal loading on each side of the channel with at least 4 inches of bearing surface on each end of the channel.

7. Thread bolt (1" x 5") through hole in channel into tube.

8. Use a torque wrench to tighten leveling bolt. Do not overload bracket, slab, or screw foundation.

**WARNING**
Possible crushing hazard. 
Can cause property damage or personal injury. 
Stay clear of any voids created under the slab during lifting.

**CAUTION**
Possible structural overload. 
Can cause damage to concrete slab, screw foundation or bracket. 
Do not exceed 150 ft.-lb. of tightening torque on leveling bolt during lifting; do not exceed 75 ft.-lb. long-term lock-off torque on leveling bolt.