

CT150-0085

Installation of Slab Bracket

Rating 5000 lb. Load Service 7500 lb. Maximum Lifting Load

This product must be installed by A.B. Chance Co. certified dealers trained to install Chance HELICAL PIER® Foundation Systems.

Procedure

⚠ CAUTION

Possible structural overload.

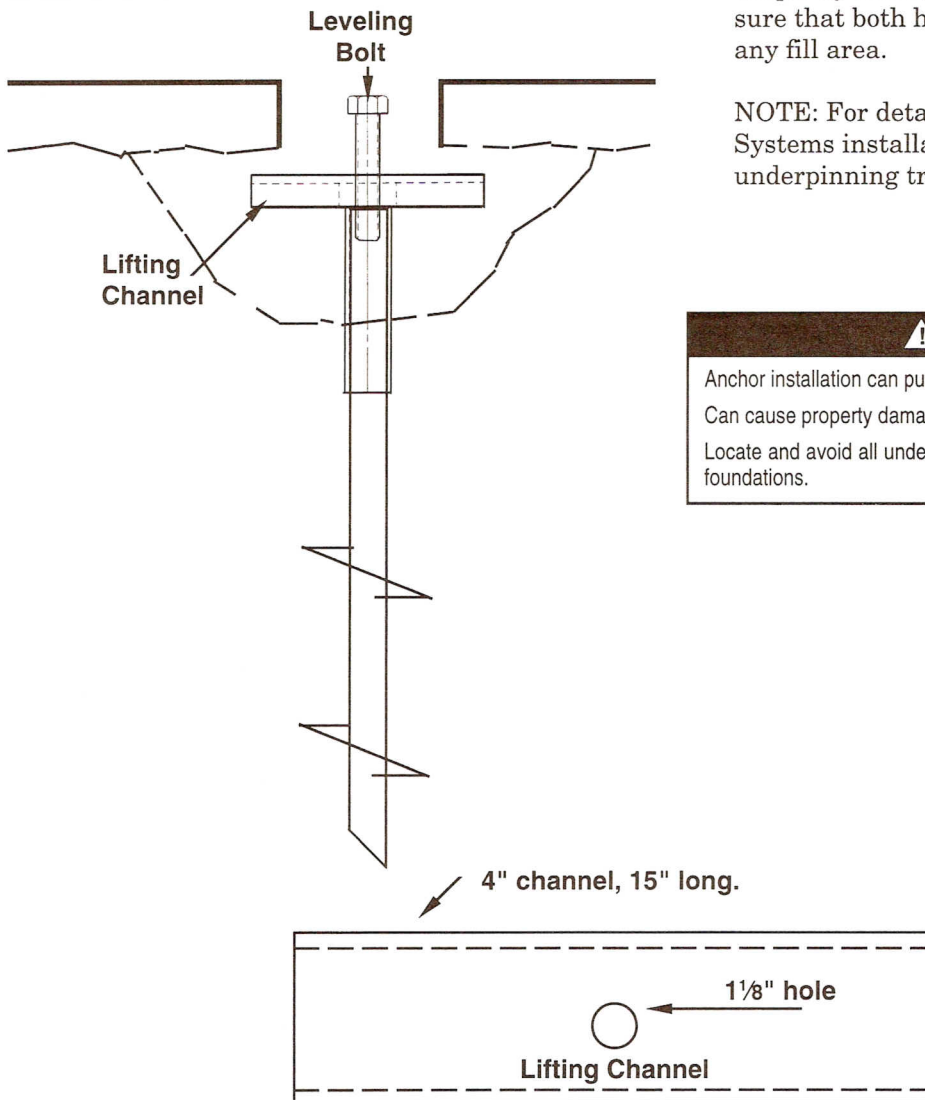
Can cause damage to concrete slab and/or objects on slab.

Space foundations and slab brackets closely enough to avoid overloading the slab. Ensure that the necessary structural considerations have been addressed by qualified personnel before attempting to raise or stabilize slab.

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.

continued . . .



⚠ 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.



CHANCE

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NOTE: Because Chance has a policy of continuous product improvement, it reserves the right to change design and specifications without notice.

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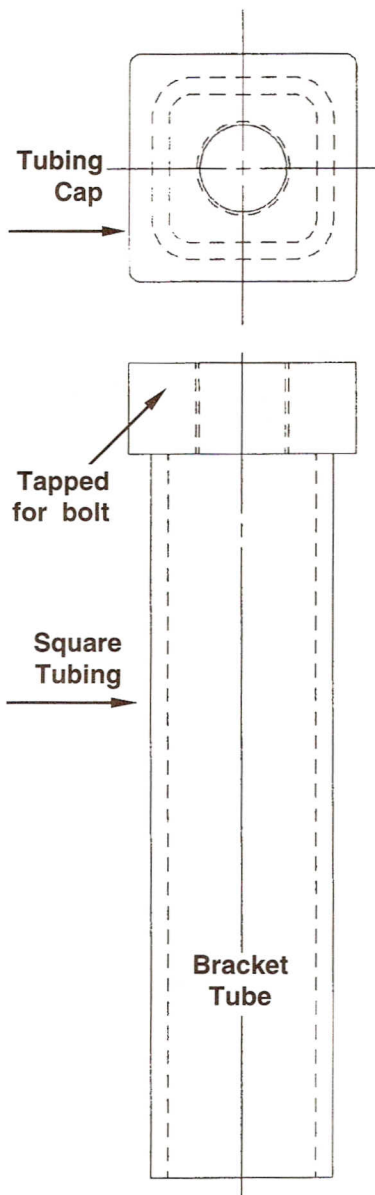
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4. Cut off shaft 1" below slab.
5. Place bracket tube over anchor shaft.
6. Slip bracket leveling channel into pocket, rotate and place on top of tube. The channel must be level/flat and have equal loading on each side of the channel with at least 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.

