



# Helical Piles

## Questions & Answers



### What are Helical Piles?

Helical piles, also referred to as helical anchors, helical piers or screw piles are a type of foundation system used to transfer structure loads to competent load bearing soils. They are round or square steel tubes with bearing plates that come in various diameters and gauges.

### What are Helical Piles used for?

They are used for underpinning existing foundations and carrying loads for new structures. They are ideal for projects where noise, soil disturbance, time constraints and site access are of concern. They are a versatile foundation choice that can be used in different types of projects in any kind of soil conditions including areas with standing water.

### How do Helical Piles work?

They are screwed into the ground to a depth that achieves minimum required torque values determined by a licensed engineer, and verified by a certified installer or special inspector.

### What are the permit requirements for using Helical Piles?

Helical piles must be installed according to manufacturer installation requirements and the brand specific Evaluation Service Report (ESR) specifications.

### What are the required permit application documents for Helical Piles?

1. Completed permit application.
2. Site plan showing distances to other structures, lot lines, and septic systems.
3. Building plan with all framing/foundation details, and tributary loads for each helical pile.
4. Copy of installer certification.

**Note:** All projects require site-specific engineer designed plans, *except residential decks*.



### NEED TRANSLATION?

¿Habla español? Traducir en:

Af-soomaali ku hadal? Ku tarjun:

تحدث بالعربية؟ يترجم:

<https://translate.google.com>

