



DriveTech Helical Foundation Systems DriveTech Helical Foundation Systems

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Waterford, Mi

4 steps for preparing and installing Helical Piers for foundation repair

For an outside installation, the soil around your foundation must be excavated to expose the footing at each pier location. For an inside installation, a section of your slab floor will need to be removed to expose the footing. The slab is restored after the installation. A section of the footing will be cut away so that the steel bracket connected to the pier will support the wall directly.

This approach will provide more effective support than lifting the section of the footing that extends beyond the walls.



Installing Helical Shafts

Next, steel helical piers are turned down into the soil until competent strata is reached. Extension shafts are added as necessary to reach greater depths. These steel foundation piers are the strongest components in our foundation repair arsenal, and are responsible for transferring the weight of your structure to solid, load-bearing soil. Our Helical Foundation Piers are produced with a galvanized steel design. These piers are corrosion-resistant, for long-lasting durability.



Installing Foundation Brackets

Unlike push piers, helical piers are driven fully and completely before their brackets are attached. This is mainly because helical piers don't require the heavy weight of the structure to be driven into the soil. This makes them ideal for lighter structures, such as decks and concrete stairs. Once all helical piers are installed, steel brackets are attached to connect each pier to the footing.



Lifting The Foundation

Once all piers and brackets have been installed, the settlement of your foundation will be permanently halted. At this time, one of our team will determine whether or not it makes sense to lift your foundation back to its original position. This operation has the potential to close cracks in your foundation and return doors, locks, and windows to their original functionality.

We Do Helical Pier Installation in Michigan!

At [DriveTech Helical Foundation Systems](#), we want to help you restore the value of your home through structural stability. Our team will put together comprehensive repair solutions that can address [foundation problems](#) of any kind. If you live within our Michigan service area, we'd like to provide you with a free, [written helical pier installation quote](#). Each quote includes a free on-site inspection, a professional consultation, and copy of our repair literature that applies to your project. To schedule your appointment, call or email us today!

