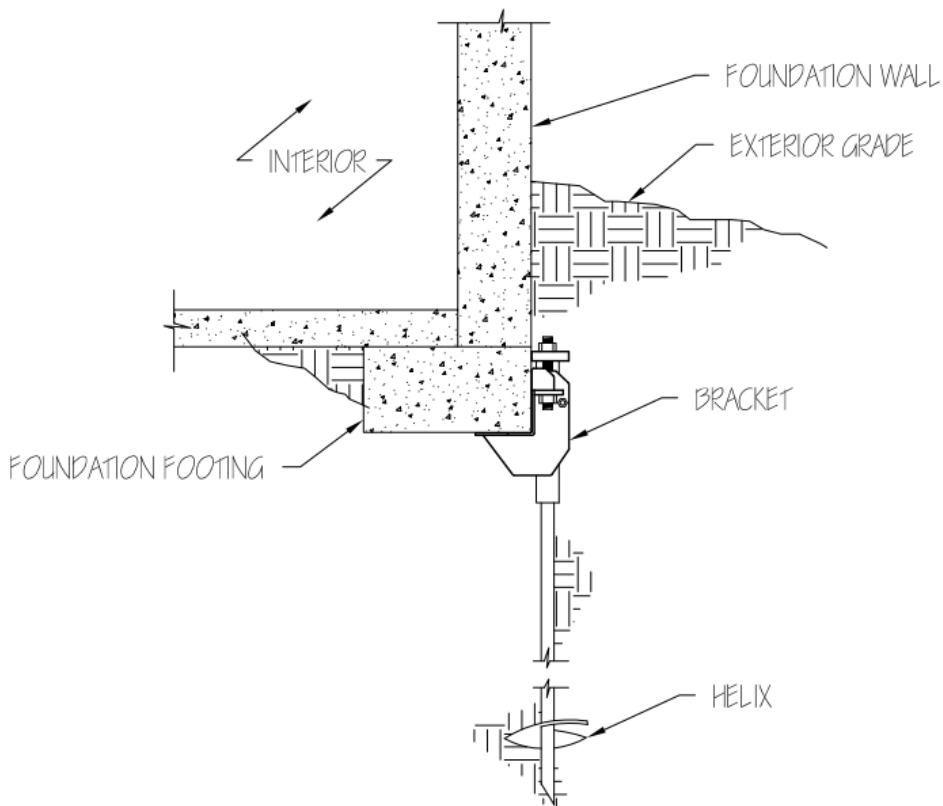


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Piering Systems

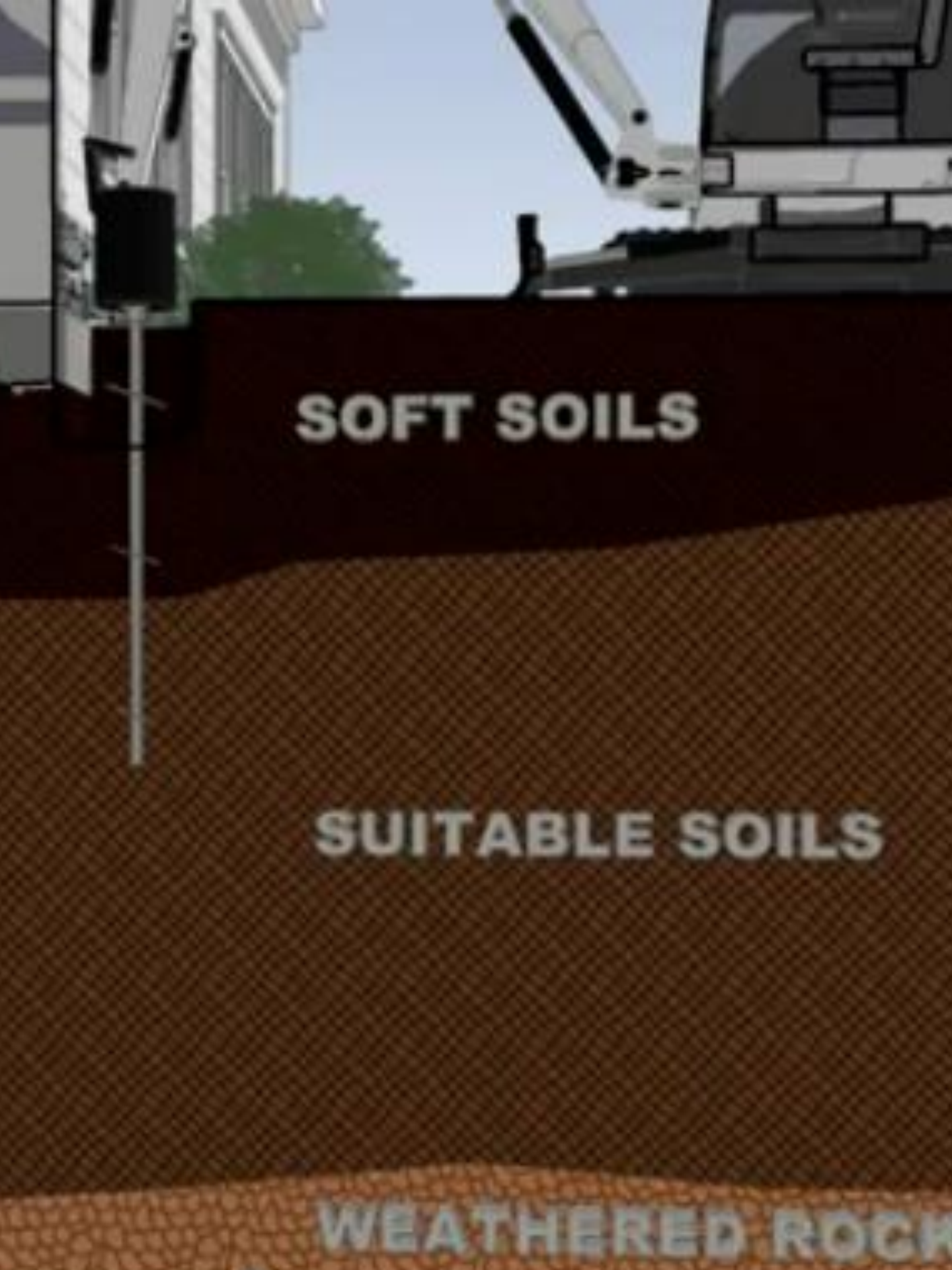


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Foundation Piering

Foundation piering addresses soil issues that the foundation of your home or commercial property rests on. Often a foundation has been built on soil that is too weak to support the structure and may lead to foundation cracks. Essentially, during the process of foundation piering a certain number of galvanized steel piers, as determined by a qualified designer, are either screwed in (helical piers) or pushed through (hydraulically driven piers) the weak soil until tougher, stronger ground is reached. The pier is then secured to the house, and the homeowner or property manager can decide at that point if further action should be taken to level the house. Whether or not house-leveling is attempted, the foundation is now permanently stable.



SOFT SOILS

SUITABLE SOILS

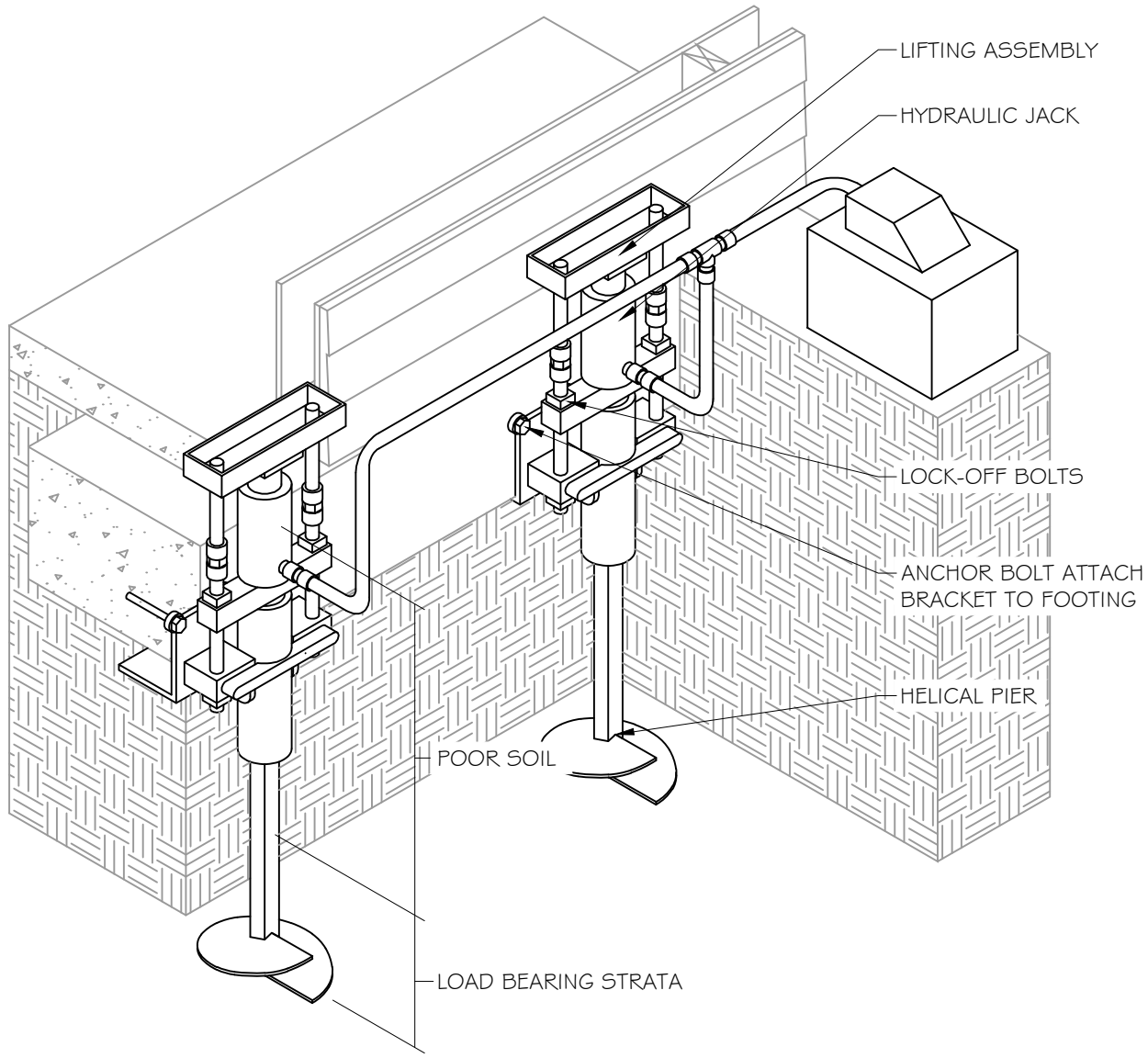
WEATHERED ROCK



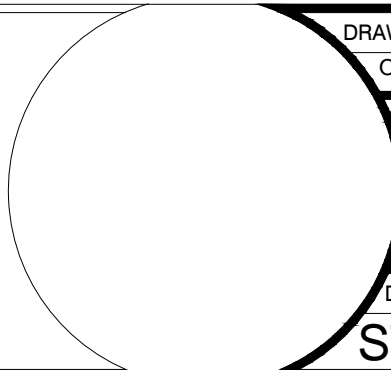
Piering Systems

- Galvanized Helical Pier
- Galvanized New Construction Helical Pier
- Galvanized Resistance Pier
- Non-Galvanized Resistance Pier

Click on this image to watch a video on piering installation



**RETROFIT
PIER**



DRAWN BY
OC

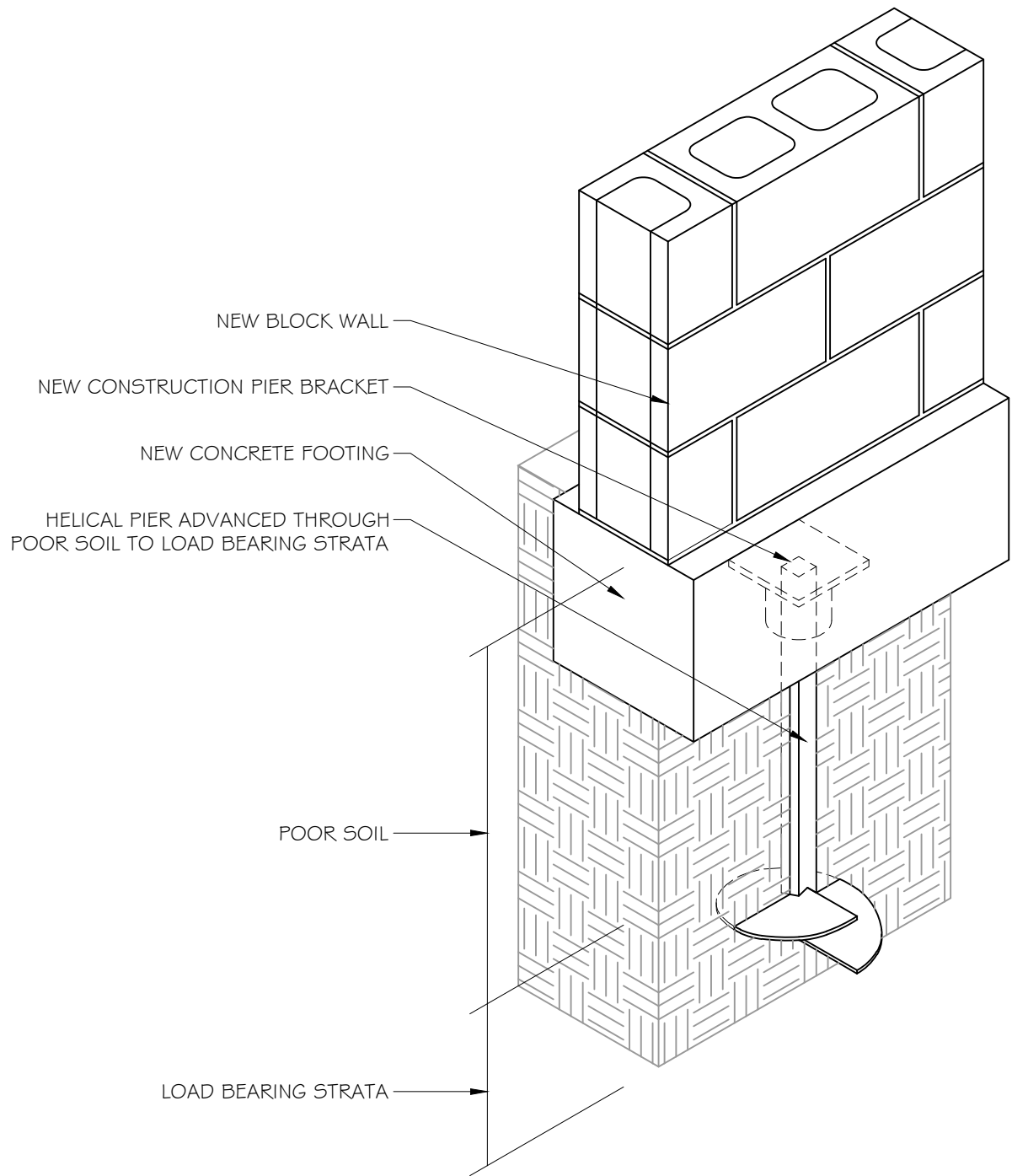
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N.T.S.

DATE
3/27/15

DRAWING NUMBER
ST-1

ENGINEERED SOLUTIONS
of Georgia
Foundation Repair & Waterproofing

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NEW CONSTRUCTION PIER

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DATE

3/27/15

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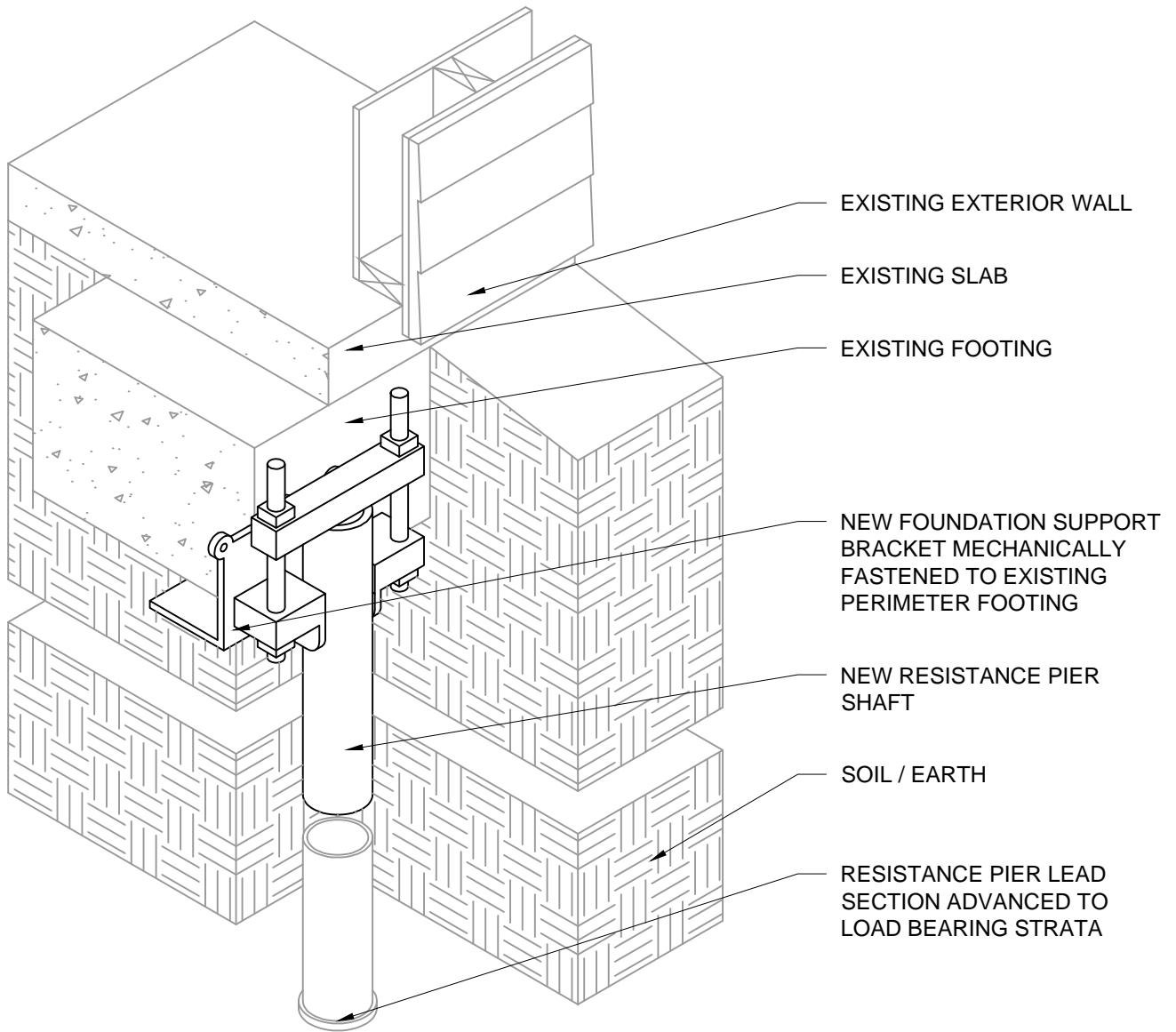
ST-2



ENGINEERED SOLUTIONS
of Georgia

Foundation Repair & Waterproofing

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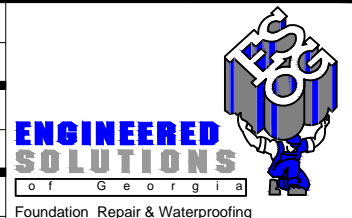
RESISTANCE PIER

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ST-4



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Stoop had settled

Pour soil under this stoop caused two things to happen

1. The back of this brick stoop settled pulling away from the house and the wooden deck.
2. The front portion of the deck had dropped down.



Stoop Recovered with Piering

Using galvanized helical piers we were able to save the stoop and return it to a more level position.

**Incorrectly install pier
has failed and is
moving with the soil
down the hill**



Why Galvanized ?



Foundation and structural repair companies as well as engineers across the country choose galvanized products out of a commitment to provide the highest level of quality for your investment. After years of experience in the industry, we understand the necessity of providing the most dependable and long-lasting products available. We feel that using less expensive, painted, powder coated, or uncoated steel pilings is shortsighted and potentially dangerous for the long-term stability of your structure. We have all seen images of sunken ships and artifacts that have survived in ocean water for hundreds of years, so why should you be concerned about the durability of the steel foundation piers (also called piles or pilings) supporting your structure?



Although powder painted and unprotected steel can last for many years when submerged or buried, it must be FULLY covered, inside and out. Left unprotected, steel will react with its surrounding environment and revert to oxide compounds (rust), thus consuming the pier in the process.

While the outside of the pier is usually in contact with soil, which will provide some slowing of corrosion on the exterior, the interior of the pile is fully exposed and hollow. Only the bottom few feet of the piling will usually fill with soil during installation, but the remaining length will fill with ground water and air. In the area where the ground water stops, accelerated corrosion can occur, which can rapidly deteriorate and weaken the steel pile, reducing the useful life by years!

The same type of deterioration can occur with powder painted or spray painted material. These coatings are usually sprayed on and don't provide complete coverage inside and out. Corrosion will lift the coating over time, rendering its protection useless.

Galvanized products are put through a Hot Dipped Galvanizing process that completely submerges the entire product in a liquid coating of Zinc. Every part is protected, even recesses, sharp corners inside pipes, and inaccessible areas.

Galvanized coating has a unique metallurgical structure which gives outstanding resistance to mechanical damage that may occur during transport and installation. This coating provides a cathodic or sacrificial protection to small areas of steel exposed through damage. Unlike paint coatings, small damaged areas need no touch up.

Galvanized coating is state-of-the-art technology and evidence of our commitment to protect your home's value. Our purpose is to continue to bring you, the customer, complete satisfaction and peace of mind knowing that foundation repairs made to your home will truly last.





The ESOG Advantage

click on each icon to see more information



Guildmaster Award 2014, 2015
Service Excellence Award 2012, 2013
Best of Awards 2011, 2012, 2013, 2014



Contractor Award
Best of 2012, 2013, 2014, 2015



Super Service Award
2010, 2011, 2012, 2013, 2014



Verified Foundation Repair Contractor
2010, 2011, 2012, 2013, 2014, 2015



Five Star Rated Contractor
2010, 2011, 2012, 2013, 2014, 2015



Preferred Contractor
2010, 2011, 2012, 2013, 2014, 2015



Thank you

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