RAMJACK®

2016 CASE STUDY

Type: Residential | Issue: FL201603

Property Owner Pleased as 12 Helicals Support New Home's Foundation

RAM JACK LOCATION:

All Florida Ram Jack

www.allfloridaramjack.com | 888-934-9669

Hudson, FL

CASE STUDY 2016

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Installation of helical piles to support home's foundation

INSTALLATION OF HELICAL PILES

INSTALLATION OVERVIEW

Total # of Piles • 12

Products Used • #4368 2 7/8" dia. Helical Pile

Product Type • New Construction - Helical

Typical Applications • Ram Jack's 2 7/8" dia. external connection helical piles can be used in either tension or compression. They can be used for new construction, remedial repair, or tieback projects.

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Located in Hernando County, Florida, the Weeki Wachee River runs from the city of Weeki Wachee to the Gulf of Mexico. Home to the deepest naturally occurring spring in the US, it is known for its beauty, making it an attractive option for homeowners who want riverfront property with a gorgeous view. This was the case with one such property owner who planned to reside on the only undeveloped lot in a small community on the Weeki Wachee River.

PROBLEM

The property owner planned to install a pre-fabricated structure on his beautiful lot. Before that could be done, however, the property needed grading as well as the installation of a foundation on which to rest the new structure. All Florida Ram Jack was chosen for the job for numerous reasons. First, the owner recognized the superior nature of Ram Jack's equipment, engineering, and installation techniques. At the same time, the neighbors were less than excited about the noise, vibrations, and heavy equipment associated with driving wooden piles, making Ram Jack's helical piles the more attractive option.

Proven Engineered Solutions.

PROPOSED SOLUTION

All Florida Ram Jack proposed grading the property and installing 12 new construction piles. These piles would be strategically spaced to maximize support for the coming pre-fabricated home.

OUTCOME

In just two days, All Florida Ram Jack graded the soil of the property and installed 12 piles to an average depth of 30 ft. The pre-fabricated home now rests evenly on a strong foundation in the beautiful setting of the Weeki Wachee River. When finished, the property owner was more than pleased with the work completed by All Florida Ram Jack; the neighbors were ecstatic that the installation took place so quickly and with minimal interruption to their daily lives.