



RAM JACK[®]

2015 CASE STUDY

Type: Commercial | Issue: SC201510

**20 Ram Jack Piles
Driven an Average
of 84 ft. Stabilize
Structure**

RAM JACK LOCATION:

Ram Jack South Carolina

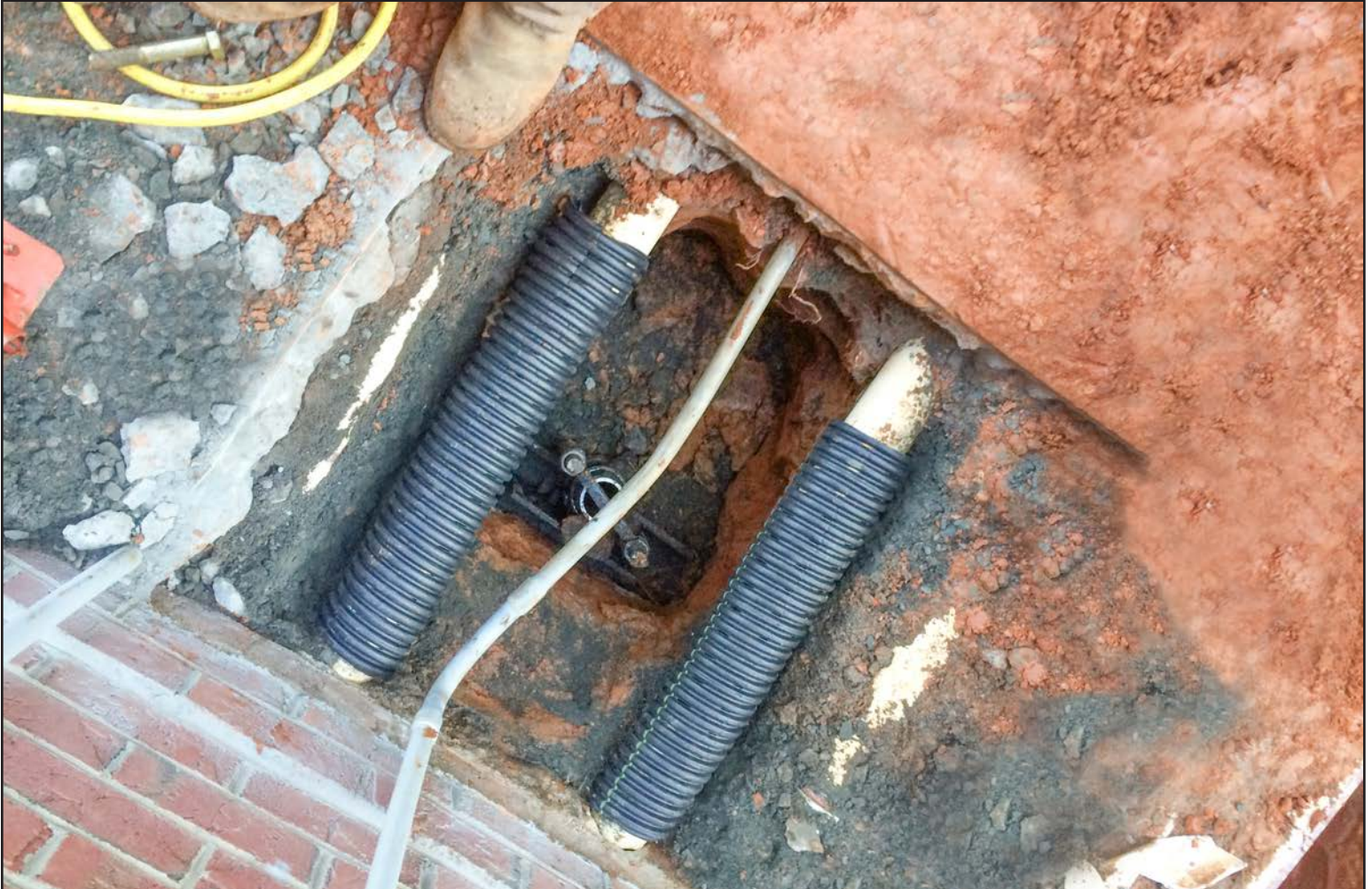
www.ramjackse.com | 866-735-3085

Ridgeway, SC

MAGNOLIA BUILDING | STRUCTURE STABILIZATION

Fort Mill, South Carolina

CASE STUDY 2015



Installation of piles did not disturb electrical wiring underground

Home to numerous doctors and business owners, the Magnolia Building in Fort Mill, South Carolina is classic, brick construction with a colonial feel. Remodeled to house offices, provide health care, and furnish other business services, the timeless structure boasts curb appeal that warmly welcomes both employees and clients. The years, however, have taken their toll on the building, and various parts of the structure were showing signs of wear and tear.

SITUATION

The Magnolia Building had telltale signs of foundation settlement, with cracks forming in the mortar of the brick in various areas around the structure. While the damage was not severe, it was undeniable and would undoubtedly worsen if not taken care of promptly. Business owners called Ram Jack South Carolina to assess the foundation settlement.

PROPOSED SOLUTION

After an exhaustive inspection, Ram Jack South Carolina professionals proposed the installation of piles around the exterior of the building to stabilize settling areas. The building didn't need to be lifted; rather, it only needed stabilization to prevent further settlement and more extensive damage in the future.



OUTCOME

Ram Jack South Carolina installed (20) 2 7/8" piles to an average depth of 84 ft. Over the course of three days, the piles were installed strategically to maximize their support of the foundation. Once the building was stabilized, all holes were covered and work areas cleaned. All work was completed without interrupting normal business, and when finished, the Magnolia Building was adequately stabilized to prevent any further foundation settlement and damage.

Proven Engineered Solutions.

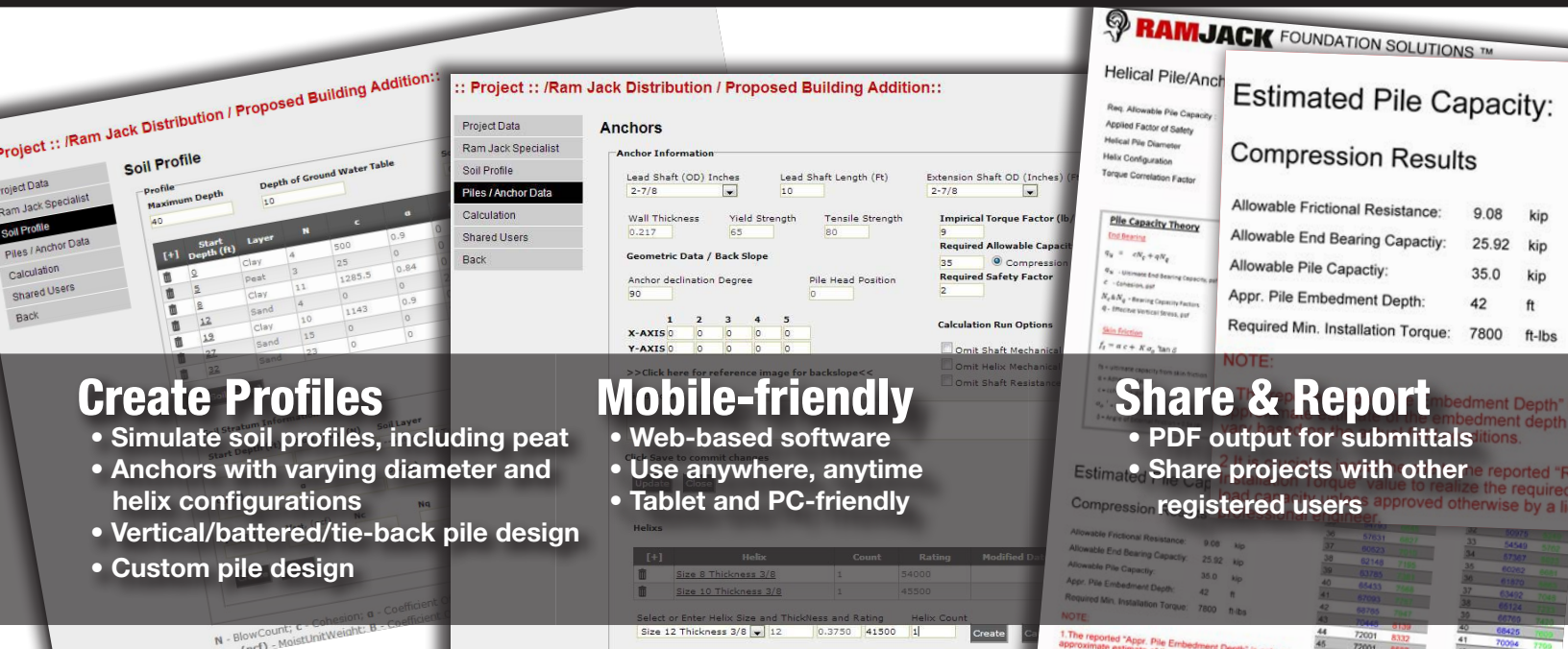
- Engineered Foundation Solutions
- Products Manufactured in the USA
- 50+ Locations Nationwide



Recognized as Code Compliant to Meet International Building Codes



HELICAL PILE DESIGN SOFTWARE: FOUNDATION SOLUTIONS™



Create Profiles

- Simulate soil profiles, including peat
- Anchors with varying diameter and helix configurations
- Vertical/battered/tie-back pile design
- Custom pile design

Mobile-friendly

- Web-based software
- Use anywhere, anytime
- Tablet and PC-friendly

Share & Report

- PDF output for submittals
- Share projects with other registered users