

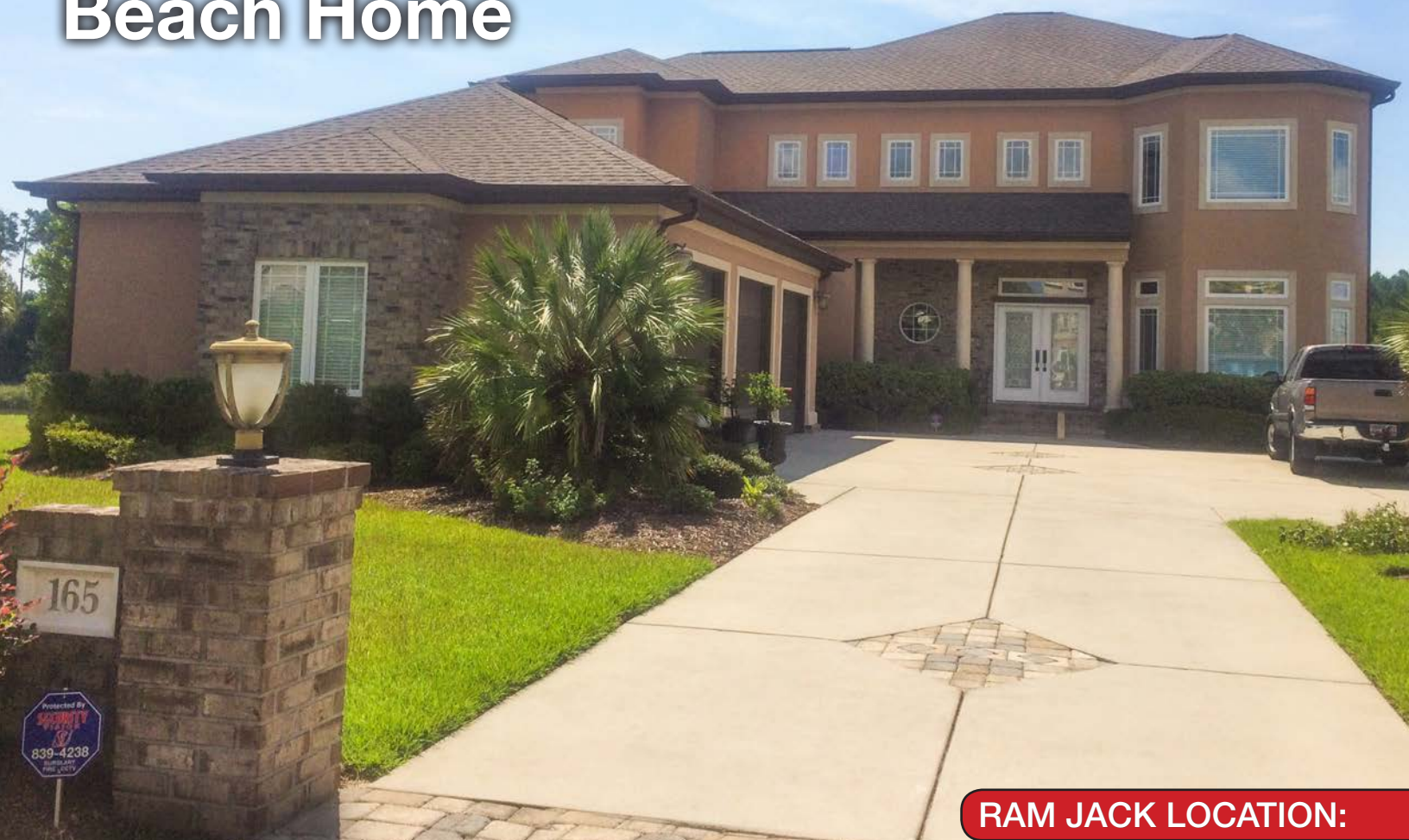


RAM JACK

2015 CASE STUDY

Type: Residential | Issue: SC201514

Helical Piles Strategically Placed to Stabilize Myrtle Beach Home



RAM JACK LOCATION:

Ram Jack South Carolina

www.ramjackse.com | 866-735-3085

Ridgeway, SC



BEFORE: Foundation settlement caused floor separation

STABILIZATION OF MYRTLE BEACH HOME

RAM JACK SOUTH CAROLINA

RIDGEWAY, SC

866-735-3085

www.ramjackse.com

Resting on the peaceful Intracoastal Waterway in Myrtle Beach, South Carolina, is a beautiful, two-story home. With a welcoming entry, magnificent facade, and lovely river view, the home exudes luxury and comfort. Given its recent construction and flawless appearance, its owners were surprised to begin noticing cracks in the walls and uneven floors, prompting them to contact Ram Jack South Carolina for a professional opinion.

Situation

After a thorough inspection, Ram Jack South Carolina found significant foundation settlement in various areas of the home, most notably the entryway and kitchen. The floor was uneven and separating from the baseboards in some areas. Given how quickly the home's foundation settled relative to its age, Ram Jack South Carolina advised the owners to act quickly to prevent any further settlement and damage.

Proposed Solution

Ram Jack South Carolina proposed the installation of 51 helical piles, strategically placed to maximize lift and provide foundation support on the entire home. However, the proposal was outside of the owners' budget, and a new plan was proposed with the aid of Martinez & Associates, a structural engineering company in the area, and a Ram Jack foundation specialist. The new proposal included fewer piles placed only in the most problematic areas to maximize the support of damaged areas while minimizing costs.

Outcome

Over the course of two days, Ram Jack South Carolina installed (14) 2 3/8" helical piles to an average depth of 25 ft. These piles provided adequate lift and stabilization to maximize recovery for the home while preventing further settlement damage in the areas of installation. When the job was complete, the homeowner enthusiastically said, "Very good work crew. I am happy with the results at this point. Cleanup was excellent!"

Proven Engineered Solutions.



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DURING: Installation of helical piles



AFTER: Minimal disturbance to interior slab