



The Breakers of Swan Bay

Buchanan, Tennessee

The Breakers of Swan Bay, condos on the Tennessee River, had a community swimming pool installed approximately six years ago. Built on approximately 12 in. of fill material, the pool had settled close to six inches over a six-year period. Poe Engineering contacted Ram Jack Tennessee for help solving this problem.

grade beams around the pool foundation and grade beams on a grid through the middle of the pool area. Additionally, the installation of (29) 2 ³/₈ in. helical piles under the pool deck would use a custom-designed bracket to hold the new plumbing in place.

PROBLEM

After losing 1,000 gallons of water per day due to settlement and numerous patches, Ogden Pools involved Poe Engineering in helping design a new foundation for a new swimming pool. Poe contacted Ram Jack Tennessee for help in installing new-construction helical piles prior to the pool foundation being placed.

PROPOSED SOLUTION

The current pool was to be demolished and replaced with a new pool. Working with Poe Engineering and Ogden Pools, Ram Jack Tennessee experts determined the ideal solution was to embed (48) 2 7/8 in. helical piles into the



OUTCOME

Ram Jack worked in conjunction with Ogden Pools to complete the construction of the new foundation. Due to heavy rains at the scheduled time of installation, the project had to be completed in two phases. During the first phase, (48) 2 ⁷/₈ in. helical piles were installed over the course of two days. The second phase was completed two months after phase one and included the installation of the (29) additional 2 ³/₈ in. piles. Mr. Glen Ogden, of Ogden Pools, was grateful for the help to complete his job. Mr. Kevin Poe, of Poe Engineering, stated, "Job well done."



INSTALLATION OVERVIEW

Commercial Installation

Ram Jack Tennessee

Products Used

2 ⁷/₈" Helical Piles 2 ³/₈" Helical Piles

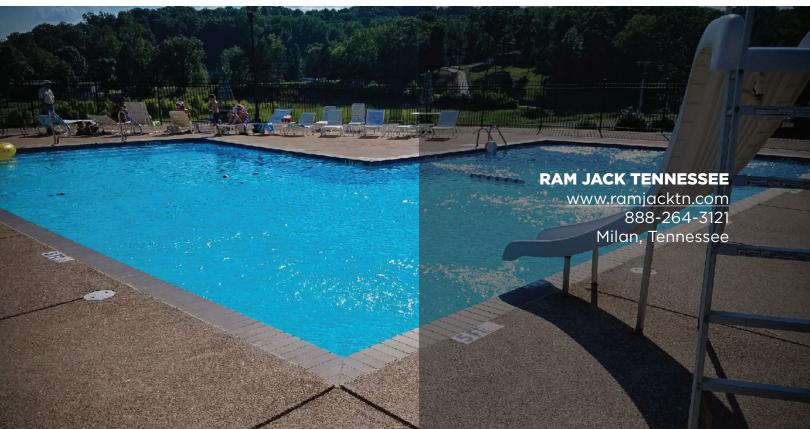
Product Type

New Construction - Helical

Typical Applications

Ram Jack's helical lead sections can be used in either tension or compression















Everything an Engineer Needs

The Ram Jack Technical Manual provides engineers with the information that you will need to understand, design, and specify Ram Jack's helical and driven piles. It also provides information verifying compliance with current building codes and ICC-approved acceptance criteria.

Everything an engineer could ever want and need to know about Ram Jack Helicals and Driven Piles in one book. If you or your firm would be interested in a Ram Jack Technical Manual, please contact your local Ram Jack dealer by emailing info@ramjack.com.

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