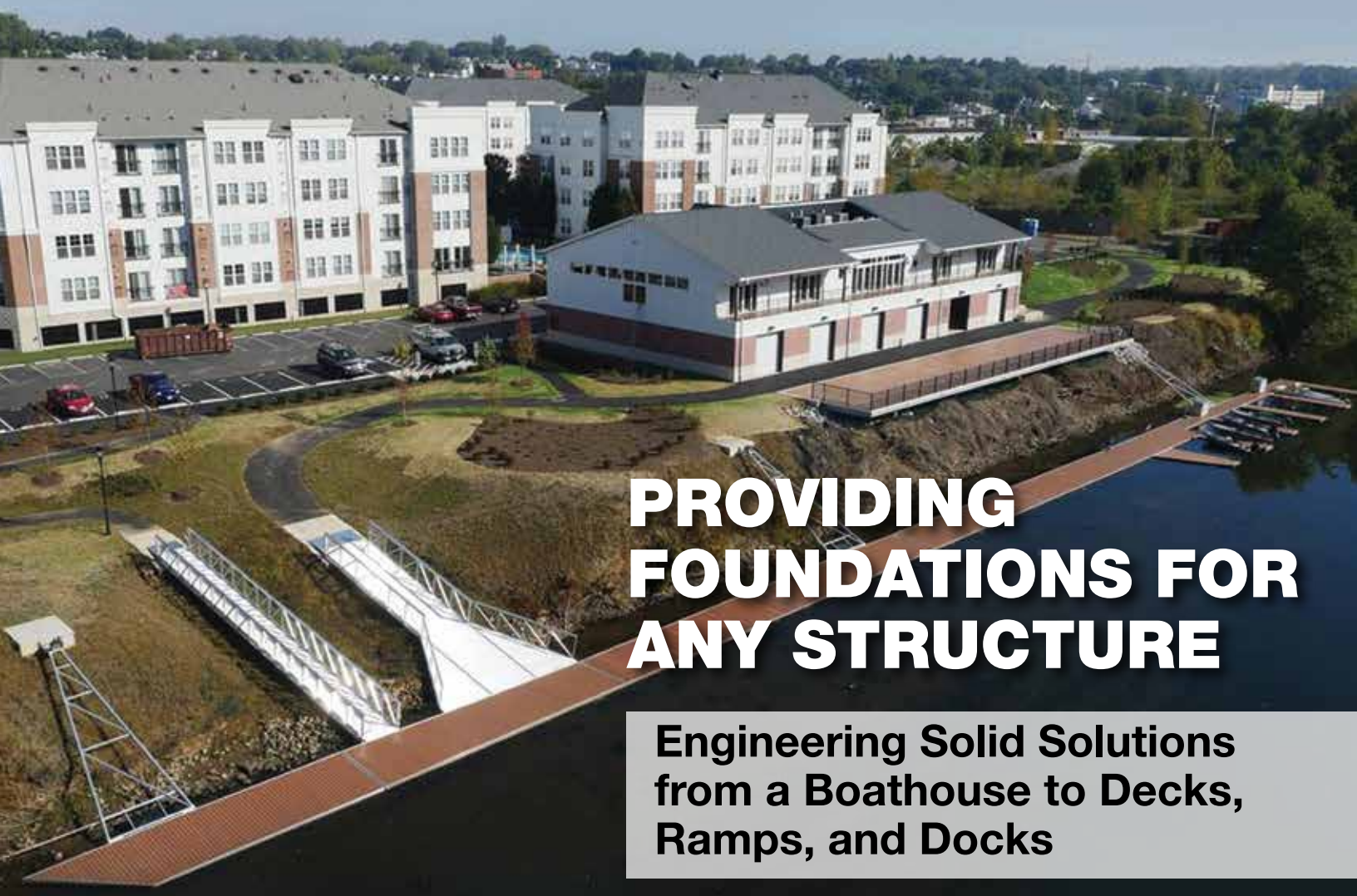
RAMJACK®

2014 CASE STUDY

Type: Commercial | Issue: PA201402



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RAM JACK LOCATION:

Ram Jack Tri-States

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Newtown Square, PA

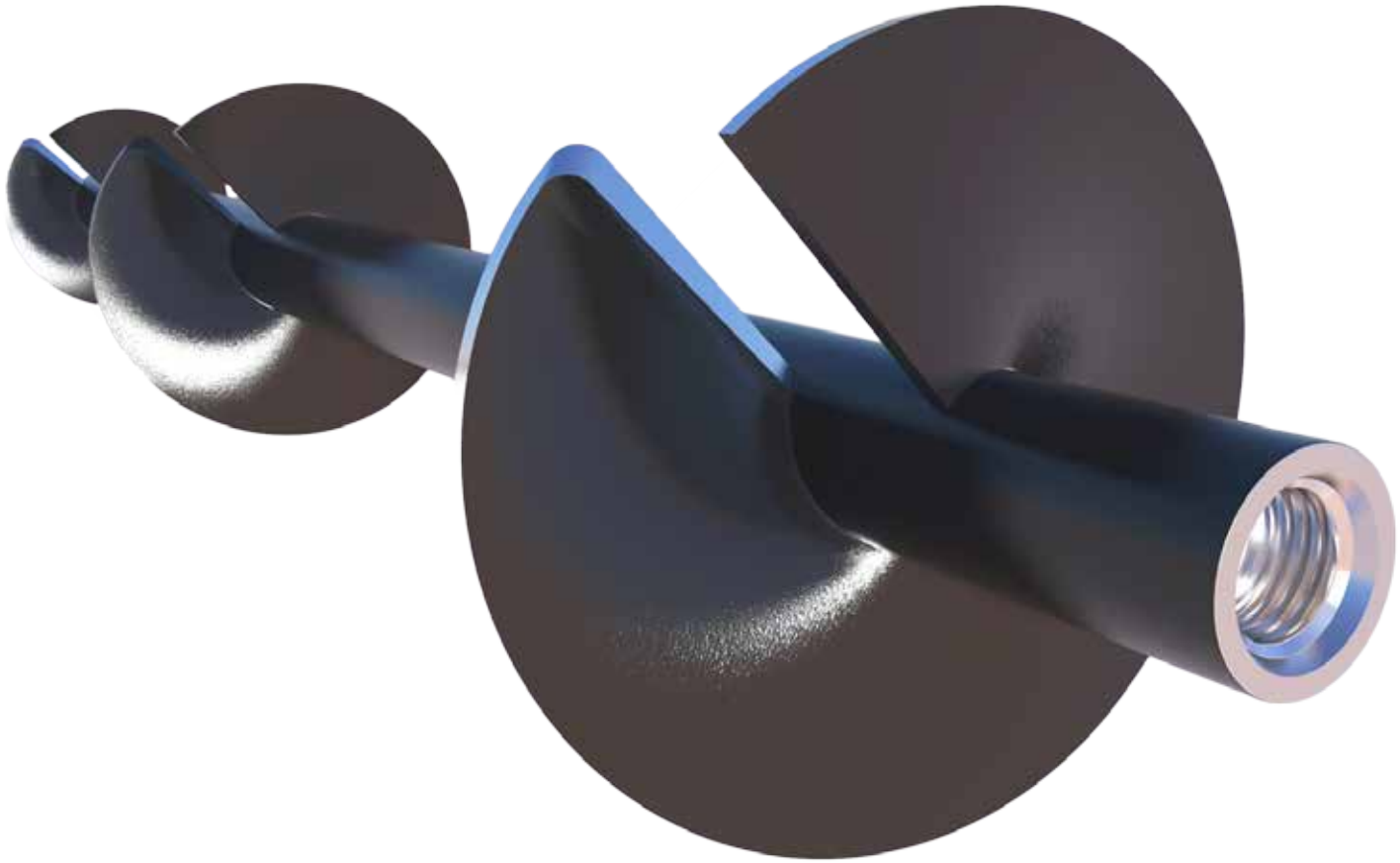
CONSHOHOCKEN ROWING CENTER
Conshohocken, Pennsylvania

CASE STUDY 2014

Rowing for sport is as old as sport itself, dating back to 1430 BC in Egypt. Today, it is an Olympic event and staple activity in the northeastern US, popular in colleges and clubs throughout the region. The Conshohocken Rowing Center in Conshohocken, PA is consistent with the rich tradition of rowing, emphasizing healthy competition and the importance of teamwork and community. Located on the banks of the Schuylkill River near historic Boat House Row, the local institution, currently under construction, will become a sports and social hub of the community.

PROBLEM

The proposed build site for the Conshohocken Rowing Center had numerous soil issues. Due to its proximity to the river, the soil was variant and wet, and it also contained a substantial amount of concrete and fill. The planners and builders contacted Ram Jack Tri-States about the new construction project to provide a firm foundation on which to build a structure, concrete decks, a loading ramp, and dock stabilizers.



PROPOSED SOLUTION

After reviewing the building plans, analyzing the build site, and performing an analysis of the soil, Ram Jack Tri-States proposed the use of multi-helix galvanized piles to stabilize the soil and prevent issues which was sure to become a beautiful building. Each of the piles would be strategically placed to maximize support to the to-be-built foundation in order to ensure the structural integrity of the structure.

OUTCOME

Over the course of two months, the professionals at Ram Jack Tri-States worked in close communication with the construction site manager in phases that corresponded with the construction schedule. Eventually, one-hundred seventy (170) 2⅞ in. multi-helix galvanized piles were installed to an average depth of 22 ft., providing solid ground on which to complete the structure and corresponding facilities.

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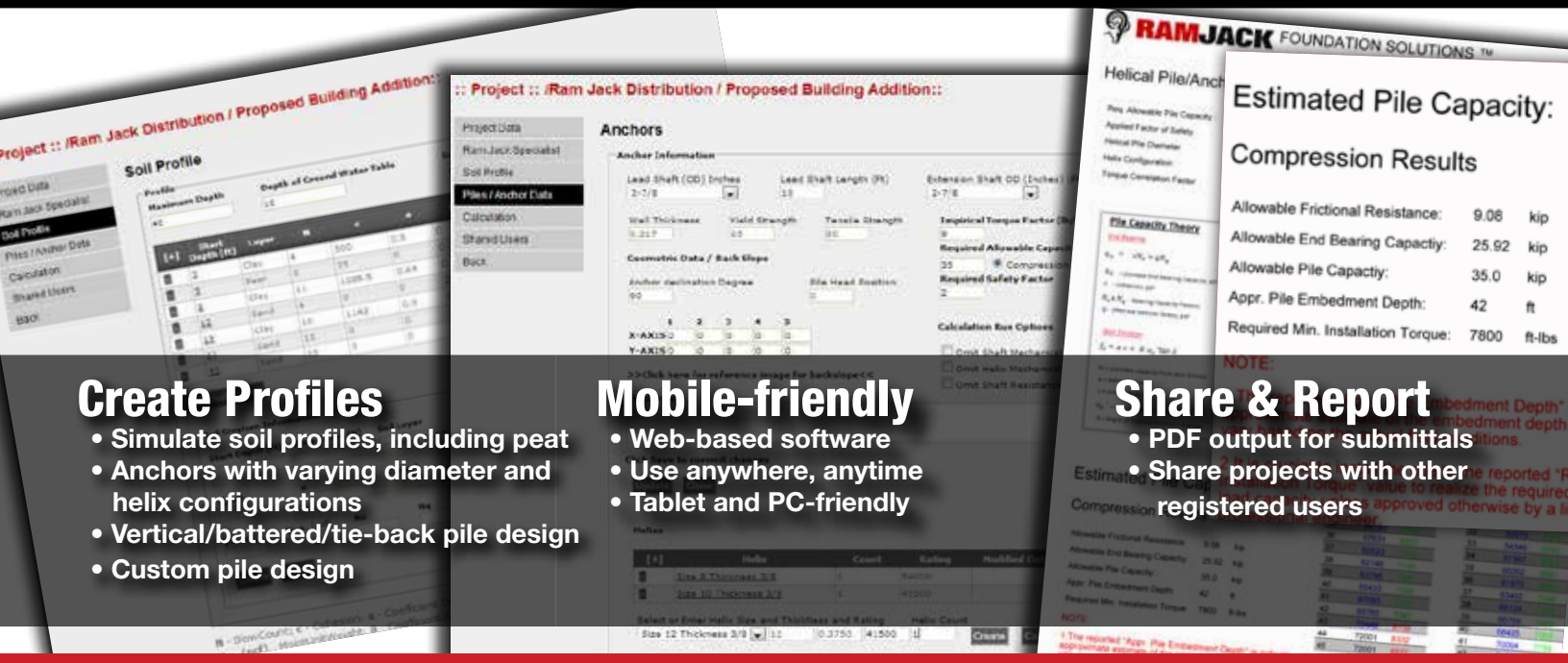

Create Profiles

- Simulate soil profiles, including peat
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