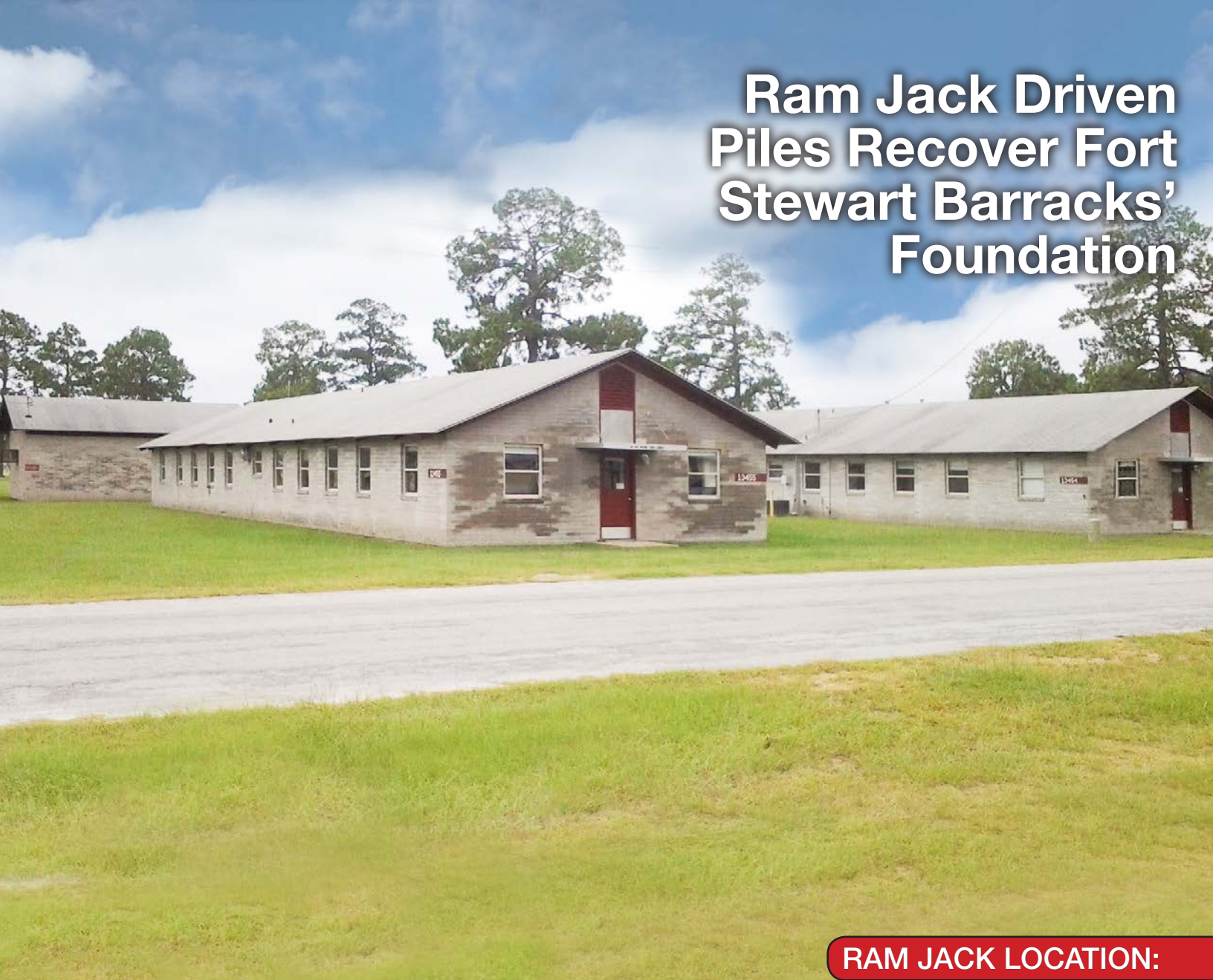




2015 CASE STUDY

Type: Commercial | Issue: GA201502

Ram Jack Driven Piles Recover Fort Stewart Barracks' Foundation



RAM JACK LOCATION:

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Proposed Solution

Ram Jack South Carolina proposed the installation of 15 driven piles around the barracks' exterior walls running from the crack on the right side of the wall to the crack on the left.

Outcome

Fifteen 2 ⁷/₈ in. driven piles with standard brackets were installed in the problem area of the barracks. Once installed, they reached an average depth of 7 ft. and lifted the structure 2.6 in. in the area of most severe foundation settlement for a complete recovery of the structure.

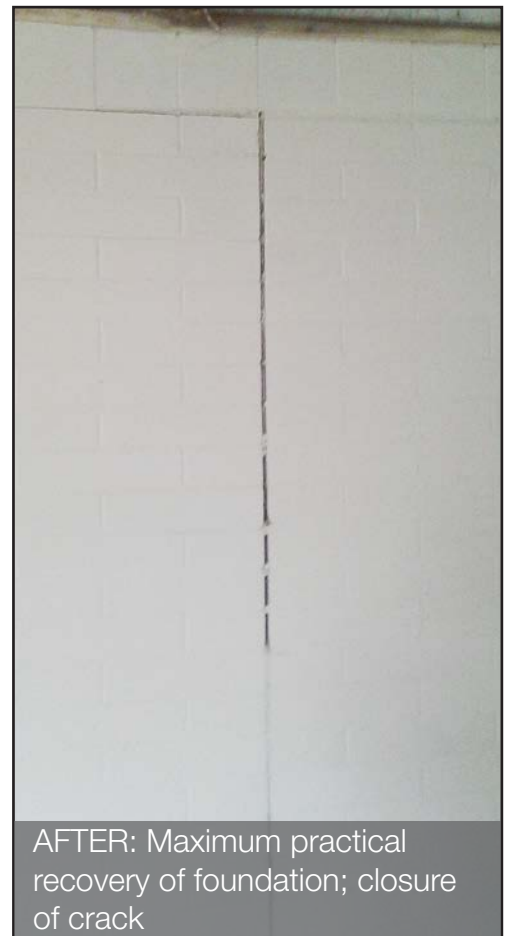
Military barracks are more than just buildings - they are homes for some of America's finest. While barracks need not be fancy or ornate, they do need to be structurally stable and safe. One of the barracks at Fort Stewart, Georgia showed signs of foundation settlement.

Problem

Leaning walls, separation of walls so wide that you could see through the gaps, and cracks in the brick indicated a problem. RL Construction awarded Ram Jack South Carolina the pile installation project.



BEFORE: Crack in brick wall; gap so large can see through to outside



AFTER: Maximum practical recovery of foundation; closure of crack