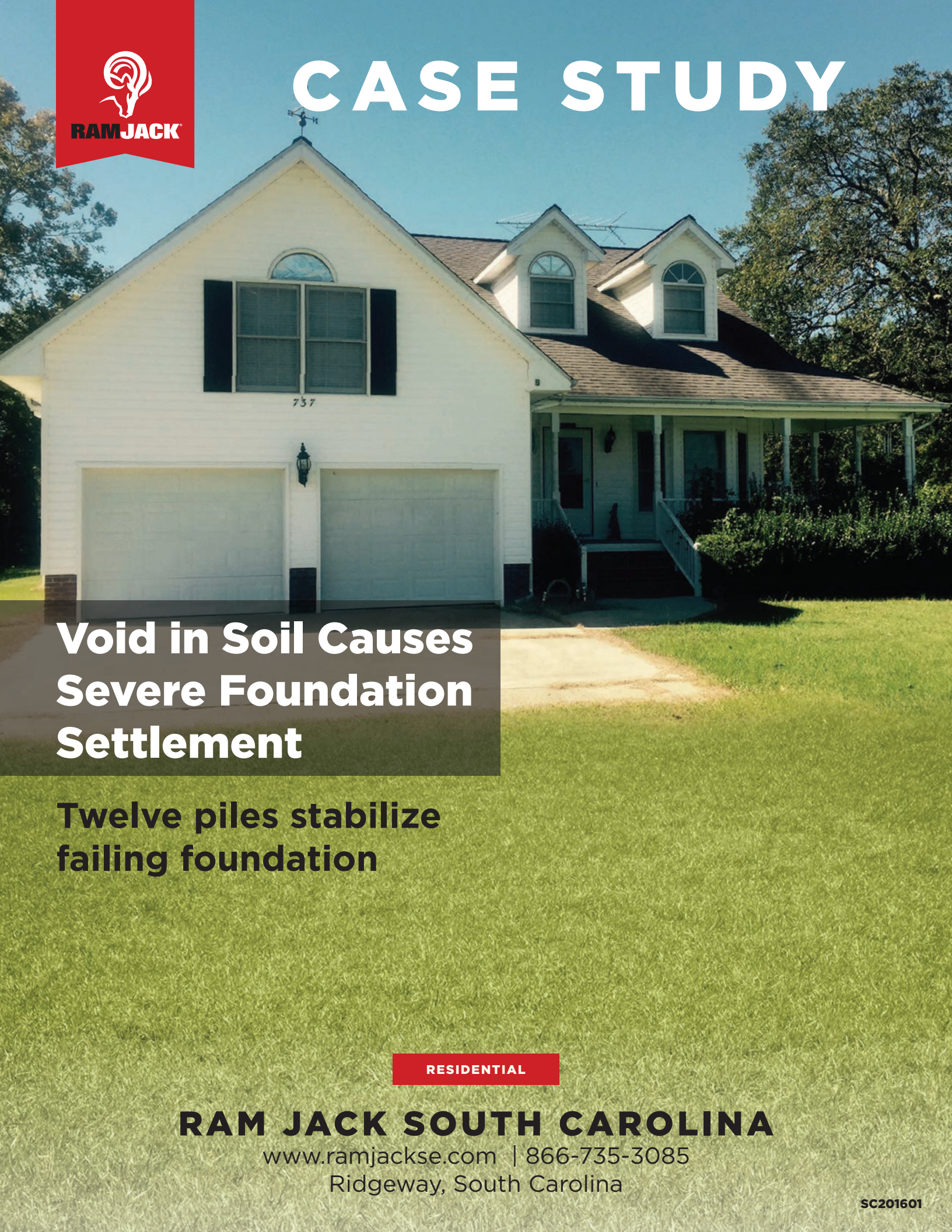




RAMJACK

CASE STUDY



Void in Soil Causes Severe Foundation Settlement

Twelve piles stabilize failing foundation

RESIDENTIAL

RAM JACK SOUTH CAROLINA

www.ramjackse.com | 866-735-3085

Ridgeway, South Carolina

SC201601



INSTALLATION OVERVIEW

Total Number of Piles
12

Products Used
#4021

Product Type
Remedial - Driven Pile

Typical Applications
Underpinning grade beams and footings of existing structures with Ram Jack's 2 7/8" diameter driven pile system



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HOME SECURED AFTER SINKING FOUNDATION CAUSES TROUBLE

CRAWLSPACE FOUNDATION STABILIZATION
MCCOLL, SOUTH CAROLINA

Home inspections for one issue may often reveal other, hidden, problems. The owner of this beautiful home in McColl, South Carolina learned of foundation settlement during a termite inspection in the crawlspace.

PROBLEM

While performing an inspection of the home in the crawlspace, the pest control technician noticed cracks in the foundation of the home.

PROPOSED SOLUTION

Ram Jack South Carolina initially proposed installing seven (7) driven piles and two (2) helical piles along the perimeter of the west side of the

home and one (1) helical pile on the interior to stabilize and support the cracking foundation.

OUTCOME

During installation, Ram Jack discovered a void in the soil which was causing the house to sink significantly. Ram Jack installed two (2) more helical piles on the backside of the porch. While there, the severely damaged footing was reinforced with continuous lengths of angle iron to support it on the west side of the home further. The residence was lifted six (6) in. for maximum practical recovery.



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