

A CASE HISTORY

Project:
Two-story chimney,
Richmond, Virginia

Contractor:
Stable Foundations, Inc.
Ashland, Virginia

Job Description:

A two-story chimney (35 feet high) had pulled away from the side of the house. There was a 3-inch gap at the top of the chimney and a 3/16-inch gap 4-feet up from ground level.

Two 10"-diameter HELICAL PIER[®] Foundation Systems screw anchors were installed to a 12-ft. depth, 18 inches from the corner. A foundation bracket was connected to each anchor and the footer. Each anchor was installed to 2,500 ft.lb. of torque for a 25,000 lb. load capacity.

The jacking operation utilized two 10-ton Enerpac hydraulic jacks. Each anchor was loaded to 18,000 lb. to accomplish the lift. When the lift was completed, the chimney had rotated back to its original, like new, position.

This job required six hours.

BEFORE



AFTER

