



CASE STUDY

Alaskan Home Lifted 18 in. to Maximum Practical Recovery

RESIDENTIAL

RAM JACK PACIFIC

www.ramjackpacific.com | 619-726-0052

El Cajon, California

AK201601



INSTALLATION OVERVIEW

Total Number of Piles
13

Product 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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DRIVEN PILES SUPPORT SUNKEN ALASKAN FOUNDATION

DRIVEN-PILE STABILIZATION
ANCHORAGE, ALASKA

As with many locations in Alaska, Ketchikan boasts scenic surroundings as it's situated along the Inside Passage, a cruise route well-traveled. Having a home in this charming setting does not rule out the possibility of foundation damage leaving a home with safety and cosmetic issues.

PROBLEM

The two-story wood-frame house sits on a hillside consisting of 14 ft. of fill dirt. Although the home sits on a fairly large raised foundation with five (5) ft. stem walls, the house had sunk more than one (1) ft. in some places. The homeowner contacted Ram Jack West, based in Seattle, to find a solution to save the structure.

PROPOSED SOLUTION

Ram Jack West teamed up with Ram Jack Pacific to develop the repair plan to stabilize the home by placing 13 driven piles around the perimeter of the structure.

OUTCOME

Due to the confined work area around the home, all holes were dug by hand. The 13 driven piles were strategically placed and driven to appropriate pressures. The house was lifted 18 in. for maximum practical recovery.

DON'T DO IT TWICE. DO IT RIGHT.



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