



CASE STUDIES

FAILED FOUNDATION SOLUTION REMEDIED WITH

# SUPERIOR

RAM JACK DRIVEN PILES

**10**

DEEP-DRIVEN  
STEEL PILES  
INSTALLED

RESIDENTIAL

**RAM JACK WEST**

[www.ramjackwest.com](http://www.ramjackwest.com) | 866-472-6522

Seattle, Washington





## FAILING INFERIOR FOUNDATION SOLUTION REMEDIED WITH RAM JACK DRIVEN PILES

### INSTALLATION OVERVIEW

**Total Number of Piles**  
10

**Product Used**  
2 7/8" Driven Piles

**Product Type**  
Remedial - Driven

**Typical Applications**  
Ram Jack's 2 7/8" diameter driven steel pilings are slip jointed allowing for a smooth and homogeneous pile.



On a steep hill on Mercer Island, a homeowner began to see signs of potential foundation failure. That was when they decided it was time to call Ram Jack West.

#### PROBLEM

When a Ram Jack West foundation specialist reviewed the foundation, they found work had been installed on the home's foundation previously. This work appeared to be failing, and the owner stated the company would not honor its warranty. Thankfully, our Ram Jack team was there to help save this beautiful home overlooking Lake Washington.

#### PROPOSED SOLUTION

Having assessed the situation, our specialist realized ten (10) Ram Jack driven piles with 4-foot guide sleeves were necessary to support the foundation and prevent further damage.

#### OUTCOME

Ram Jack West's crew successfully installed all ten (10) driven piles at an average depth of 16 feet in only three days. The homeowner could not have been happier with the outcome of the project. They now have peace of mind as the Ram Jack solution will withstand the lifespan of their home.

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