



BACKYARD DECK SAVED

CASE STUDIES | TX202201

PROBLEM

Mr. Barrick's large deck overlooks a beautiful pond in Dallas, TX. The deck was originally constructed to be supported by concrete piers. The concrete piers had previously settled and Mr. Barrick had to have the deck re-leveled and shimmed. Recently, the deck started having further settlement issues and instead of shimming for a second time, Mr. Barrick reached out to Ram Jack looking for a permanent solution.

11 HELICAL
PILES
INSTALLED

RESIDENTIAL

RAM JACK TEXAS

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He is a retired architect and wanted an engineered solution for the problem. Ram Jack worked with Fortified Engineering to design a custom solution to repair and support Mr. Barrick's deck.

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PROPOSED SOLUTION

Ram Jack partnered with the team at Fortified Engineering to design a custom solution to repair and support Mr. Barrick's deck. Ram Jack's beam brackets were to be coupled with their 2 7/8 helicals to stabilize the deck in a more efficient way over the existing, inferior, concrete piers.



OUTCOME

Ram Jack removed portions of decking to install helical piles from the top of the deck. The deck is now supported by a permanent foundation solution and guaranteed against further settlement. Mr. Barrick chose to put nothing down and finance one year same as cash through Greensky. Overall, this project was a success and the homeowner can now enjoy the view from his deck without worrying about having settlement issues in the future.



INSTALLATION OVERVIEW

RESIDENTIAL INSTALLATION

RAM JACK TEXAS

PRODUCTS USED

2 7/8 helical pile with 8"-10" helices (6141)
7' extension (8607)
Engineered Boardwalk Bracket (RD.4576)

PRODUCT TYPE

EXTERIOR PILES

TYPICAL APPLICATIONS

Ram Jack's 2 7/8" external connection helical piles can be used in tension or compression.

At Ram Jack®, we are focused on providing custom-engineered solutions that meet the unique needs of our commercial clients. You can move forward with confidence knowing we maintain code compliance, providing piles and brackets that reach the highest rating among competitors' products recognized by ESR-1854. Our company has the most products recognized by the ICC and boast an ISO 9001:2015 certified manufacturing facility.

**DON'T DO IT TWICE.
DO IT RIGHT.**

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