


CASESTUDY

JULY 2023



**ONE HELICAL PILE TO
STABILIZE PATIO OF
PHOENIX HOME**

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NEVERSETTLE



RECENTLY RENOVATED PHOENIX HOME SHOWS SIGNS OF SETTLEMENT AROUND BACK PATIO

PROJECT BACKGROUND

After battling cracks in their patio, gaps between their foundation and footing, and drywall cracks a Phoenix, AZ homeowner wanted to find an actual solution to their problems that would fix them once and for all. After calling our team to schedule a foundation evaluation they were setup with our specialist, Bryan Wooldridge, to take some measurements and figure out what was causing the problems they were seeing around their home.

PROJECT DESIGN PHASE

Following a visual inspection of the interior and exterior of the home Bryan began taking measurements which included floor elevation measurements. Luckily for the homeowner, their home's foundation was in great shape and didn't seem to be settling or heaving, but a column on the corner of their patio in the backyard was in fact settling which was causing the cracks seen throughout that area of the home. He was able to design a repair plan consisting of a single helical pile to stabilize the column and even attempt to lift it to recover some of the settlement.

DALINGHAUS SOLUTION

In a matter of hours the crew was able to excavate the soils, expose the footing beneath the small column, drive the helical pile down to competent soils, attach the bracket to the footing, and lift the column to recover the settlement. During the lift many of the drywall cracks closed up and the homeowner would need to make repairs to those cracks one final time!

INSTALLATION OVERVIEW

TOTAL PILES

1

PILE PRODUCTS

ECP TAF-288



"Never Settle"

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