

CASESTUDY

SEPT 2025



3 HELICAL PILES TO
STABILIZES SETTLING
SAN CLEMENTE, CA
HILLSIDE HOME

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NEVERSETTLE



SETTLING TOWNHOUSE FOUNDATION STABILIZED WITH HELICAL PILES

PROJECT BACKGROUND

A San Clemente homeowner called our team out for a second time after noticing several cracks on the backside of there both on the inside and outside. A few years prior our team made some crawlspace repairs to the front side of the home by installing several new girder beams as well as smart jacks to provide support to the home's foundation. The home seemed to be in good health otherwise, but at some point in time the drainage and irrigation systems had changed on the backside of the home located near a pretty big slope. This led to about an inch and a half of settlement in that area.

PROJECT DESIGN PHASE

Phil Laney helped design the original repair plan so it only made sense to send him back out to reinspect the property to figure out what was going on. Much to his surprise he measured some settlement on the back side of the home and took a look at the backyard, or lack thereof. He designed a small repair plan consisting of 3 helical piles to stabilize only the area affected, helping to save the homeowner costs.

DALINGHAUS SOLUTION

Ben, Ben, and Isaac made quick work of the project and were able to get in and out in just a day or two. They found competent, load-bearing soils at depths of about 30 feet below the bottom of the footing. Due to space and access constraints the three helical piles were installed with hand equipment.

INSTALLATION OVERVIEW

TOTAL HELICALS

3

HELICAL PRODUCT

TAF-288

PRODUCT MANUFACTURER

ECP



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