

# CASESTUDY

JULY 2022



HELICAL PILES USED TO  
STABILIZE AND SHORE A NEW  
SPROUTS GROCERY LOCATION

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NEVERSETTLE



# 35 HELICAL PILES TO STABILIZE AND SHORE BUILDING FOR A SPROUTS GROCERY STORE MOVING IN & OPENING

## PROJECT BACKGROUND

When a convenience store location like Rite-Aid is purchased by a grocery store chain, quite a bit needs to be done to the building to make it ready for the grocery store. In this situation a Sprouts Farmer's Market was looking to move into an old Rite-Aid location and the structure needed more support to properly house the Sprouts. Our crew began the project by installing and analyzing a test pier to ensure our helical piers could meet the load requirements of what was originally designed to be concrete caissons.

## PROJECT DESIGN PHASE

Our very own Brian Dalinghaus managed the design phase of this project and worked directly with Sprout's in-house engineering team to design the repairs, stabilization, and shoring needed to allow for Sprout's to move into the location. Brian recommended 35 helical piles with new construction caps to be encased in a footing on the exterior of the structure for a massive sound wall along with several on the interior to allow for a mezanine type structure to be installed.

## DALINGHAUS SOLUTION

After completing a few test piers we were ready to get started with the helical pile project in Fountain Valley, CA. Isaac and his crew lucked out in that no excavation was necessary as the GC had completed that step prior to their arrival. Utilizing a mini excavator the crews hydraulically drove the helical piles down to competent, load-bearing soils which were found between 40 and 45 feet on average. Once the helicals were driven to competent soils the crews were able to cut and cap each pile before they were tied into rebar cages and encased in concrete!

### INSTALLATION OVERVIEW

TOTAL HELICAL PIERS

**35**

HELICAL PRODUCT

**TAF-288**

PRODUCT MANUFACTURER

**EARTH CONTACT PRODUCTS  
(ECP)**



*"Never Settle"*

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