



Helical Anchors, Inc. Installer - Pilotes Helicoidales C.R. S.A. - Installs (12) Helical Piles for Underpinning a Residential Structure in Costa Rica

June, 2021



Helical Anchors, Inc.
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Project Name & Location:	Underpinning Casa L; located in San Rafael, Escazú, Costa Rica.
Project Date:	June 2021
Project Type:	Helical Pile Underpinning
Helical Pile Installation Contractor:	Pilotes Helicoidales C.R. S.A.
Structural Engineer:	Eng. Guillermo Alvarez.
Helical Piles Specifications:	(12) 2.875" helical piles, standard duty brackets/T-PIPE system with two helices configuration. Ultimate axial capacity between 27 kips to 40 kips.
Soils & Embedment Depth:	Clays and clayey silts, average pile embedment 25ft.
Project Timeline:	3 Days
Helical Pile Manufacturer:	Helical Anchors, Inc. - Minneapolis, MN

Project Overview

Pilotes Helicoidales Costa Rica was contacted to design and install a helical pile foundation system to underpinning and control settlement of a residential structure in Escazu.

Key Benefits

Easy access and faster installation: Due to limited space to maneuver and adjacent structures, helical piles were the most effective solution to underpin and control the settlement of the structure.



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