Date: April 9, 2025

Project: Sartent Residence

Address: 22 Iris Cir

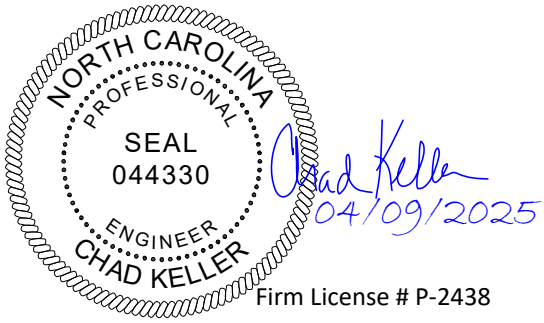
Spring Lake, NC 28390

Helical Pier & Floor Support System – Completion Report

This report is prepared for Southeast Foundation Repair (contractor) by FDN Engineering (engineer). Helical piers and floor support jacks (SmartJacks) were installed at the above referenced project. The foundation support system is intended to stabilize and potentially lift the existing foundation – reducing pressure on existing soils. The approved design instructed the contractor to install footings, SmartJacks, supplemental support girders, helical piers, brackets, and all related components per the support manufacturer's current installation instructions and technical manual, as well as industry standards. See approved engineering report for the design and details of the helical pier support system and the SmartJacks. See page 2 for the field logs provided by the contractor.

The contractor has provided all available field data and engineer has performed a remote visual inspection. Reference contractor's field logs for more information. Upon review, the installed supports conform to the intent of the approved design and there are no known outstanding non-compliance items.

Our inspection services do not constitute a warranty or guarantee of any type and were provided with the intent of helping reduce the risk of construction defects, deficiencies, or omissions that may arise during and after construction. It is the contractor's responsibility to perform their work in accordance with the approved construction documents. To the best of my professional knowledge, the design of the helical pier and floor support systems conforms to the structural requirements of the 2018 North Carolina State Building Code to the extent that it applies to our scope of work.



Firm License # P-2438

FDN Engineering, PLLC
2412 N 179th St.
Omaha, NE 68116
(402) 739-9642

Lanny Janesky's SOUTHEAST FOUNDATION & CRAWL SPACE Repair

Helical Pile Installation Log

Pile #'s 3
Torque Motor Make/Model #: Pro digga
Installed Pile(s) Model #: HP288
Installation Torque Coefficient: 9

Name: Manuela Santana
Address: 22 Iris Cir Spring Lake
Date: 4/7/25

Foreman: Kevin Helms
Project Start Date: 4/7/25
Project Completion Date: 4/7/25

Pile Number	Description of Lead	Pile Length	Pile IN	Pile OUT	Diff Pressure	Torque	Ultimate Pile Capacity	Cut-off Length	Complete Pile Length	Pile Depth	Comments
1	lead 8x10	7	1850	200	1600	4806	43254		7	9	
2	lead 8x10	7	1750	200	1550	4506	40554		7	9	
3	lead 8x10	7	1800	200	1600	4806	43254		7	9	

The above information is the field logs provided by the contractor.

NORTH CAROLINA PROFESSIONAL SEAL 044330 ENGINEER CHAD KELLER

Chad Keller 04/09/2025

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