

Date: July 29, 2024

Project: Wright Residence PERMIT 000049123

Address: 185 SW Woodleaf Ct

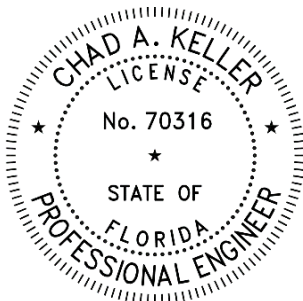
Lake City, FL 32024

## Helical Pier Foundation Support System – Completion Report

This report is prepared for Alpha Foundation Specialists (contractor) by FDN Engineering (engineer). Helical piers 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 original design instructed the contractor to install helical piers, brackets, and all related components per the support manufacturer’s installation instructions, technical manual, and according to the latest ICC-ES AC358, as well as industry standards. See original engineering report for the design and details of the helical pier support system. See page 2 for the field logs provided by the contractor.

The installation of the supports was visually inspected by engineer; and the contractor has supplied engineer all available field data. Reference contractor’s field logs for more information. Upon review, the installed supports conform to the intent of the original design and any installation deviations are approved with no outstanding non-compliance items.

To the best of my professional knowledge and belief, the design of the helical pier support system conforms to the structural requirements of the 2023 Florida Building Code, Eighth Edition to the extent that it applies to our scope of work.



The item has been digitally signed and sealed by Chad Keller, P.E. on the date adjacent to the seal.  
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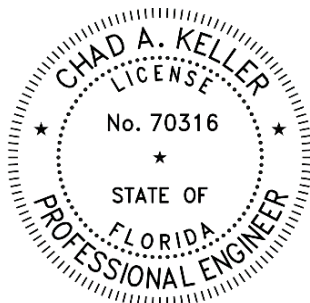
FDN Engineering, LLC  
2412 N 179th St.  
Omaha, NE 68116  
(402) 739-9642

## SettleStop Helical Pier Log Foreman Luke Montgomery

Customer Name Grace Wright Date 2/16/2024 - 2/16/2024 Project #: 1369652

Questions	SettleStop Helical Pier-1	SettleStop Helical Pier-2	SettleStop Helical Pier-3	SettleStop Helical Pier-4	SettleStop Helical Pier-5	SettleStop Helical Pier-6	SettleStop Helical Pier-7	SettleStop Helical Pier-8	SettleStop Helical Pier-9	SettleStop Helical Pier-10	SettleStop Helical Pier-11	SettleStop Helical Pier-12
Time												
Lead Section	7ft 10 12	7ft 10 12	7ft 10 12	7ft 10 12	7ft 10 12	7ft 10 12	7ft 10 12	7ft 10 12	7ft 10 12	7ft 10 12	7ft 10 12	7ft 10 12
Pier Depth (Ft)	14	14	14	14	14	14	21	14	14	14	14	14
Gauge Pressure IN (PSI)												
Gauge Pressure OUT (PSI)												
Differential Pressure	1500	1500	1500	1500	1500	1500	1700	1500	1500	1500	1500	1500
Torque (ft lbs)												
Ultimate Load Capacity (lbs)												
Comments												

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



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