

8405 Whisper Ridge Pl, Raleigh NC 27613

Foundation Repair - Carolina Foundation Solutions, LLC

Invoice #8892 | Work performed 01/16/2020 - 01/22/2020

Contents

Life of Structure Warranty	page 2
Invoice #8892 - PAID 02/07/2020	page 3
Proposal 12/19/2019 (5 pages)	page 4
Pier Installation Record (3 pages)	page 9
Inventory of Materials Used	page 12
Installation Record - Crack Repair	page 13

Carolina Foundation Solutions, LLC - PO Box 2228, Burlington NC 27216 - 336-395-7050

LIFE OF STRUCTURE WARRANTY

CAROLINA FOUNDATION SOLUTIONS, LLC

Upon total payment for services rendered, Carolina Foundation Solutions, LLC warrants all material and workmanship used in its helical pier stabilization process for the life of the structure from the date of completion of the pier stabilization work. The warranty is valid **ONLY** when payment for services is made within terms of the original proposal. This Life of Structure Warranty is transferable and assignable throughout its term among owners of the real property upon which the repaired structure is located. **The scope of this warranty shall be limited in accordance with the terms and conditions set forth below.**

Carolina Foundation Solutions, LLC represents and warrants that if at any time during the life of the structure the helical piers fail to perform as intended, Carolina Foundation Solutions, LLC will provide free adjustments, repair, or replacement of the helical piers. Failure to perform as intended occurs when the foundation within the Repair Area settles after the completion of the work provided that the settlement was caused by events other than those excluded below. This obligation to repair shall be limited to the cost of materials and workmanship. Only the area of the pier stabilization repair work starting at the first pier and extending to the last pier in a given group of piers (the "Repair Area") is covered by this life of structure warranty. Non-piered areas spanning between groups of piers and all other areas outside the Repair Area are excluded from this warranty. Warranty is void without total compliance of engineer's and CFS's recommendations. Carolina Foundation Solutions, LLC may, at its own discretion, place crack monitoring devices, equipment, and/or benchmarks on any questioned area to determine the direction or area of movement before adjusting or repairing.

Exclusions from this life of structure warranty include (i) upward movement of the foundation due to soil expansion; (ii) settlement of the interior floor, slab, or foundation except in the immediate area of the helical pier stabilization work (Repair Area); (iii) any repair which is the result of consequential damages including damage to furnishings and personal property, paint or wallpaper, and rigid construction materials such as brick, mortar, sheetrock and concrete; (iv) vandalism or the intentional or negligent acts of the homeowner or a third party; (v) failure of homeowner to implement drainage and other suggestions by CFS engineer; and (vi) damage caused by catastrophic events or acts of God such as earthquake, flood, fire, tornados, hurricanes, landslides, seismic explosions, or other casualty.

This warranty is given only for settlement of the structure in the direction (vertical or horizontal) specified in the Agreement. Warranty does not apply if Carolina Foundation Solutions, LLC is given or supplied any misinformation regarding subsurface conditions.

THE WRITTEN TERMS OF THIS LIFE OF STRUCTURE WARRANTY, AS EXPRESSED ABOVE, REPRESENT THE ENTIRE WARRANTY OBLIGATION OF CAROLINA FOUNDATION SOLUTIONS, LLC. NO OTHER AGREEMENTS, UNDERSTANDINGS, REPRESENTATIONS, OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE HAVE BEEN MADE OR ARE MADE BY CAROLINA FOUNDATION SOLUTIONS, LLC. THE WARRANTY STATED ABOVE IS TENDERED IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED OF EVERY NATURE WHATSOEVER.

Warranty claims must be submitted in writing, accompanied by a fully executed copy of this Life of Structure Warranty and mailed to Carolina Foundation Solutions, LLC at P.O. Box 2228, Burlington, NC 27216. Once the claim has been filed, a field representative will visit your structure to evaluate the failure and determine the applicability and eligibility for warranty repairs.

Transferable Warranty - this warranty may be transferred to the Owner's immediate transferee provided the transferee notifies the Company in writing at the address below, within 30 days of the property's transfer date. The correspondence must include a transfer fee of \$100, the original Owner's name and address, transferee's name and address, and the date of the installation. The original warranty and a copy of the original invoice are also required.

Alexander Birger

OWNER'S NAME

8405 Whisper Ridge Pl.

PROPERTY ADDRESS

Raleigh, NC 27613

CITY, STATE, ZIP CODE

01/22/2020

DATE WORK PERFORMED

CAROLINA FOUNDATION SOLUTIONS, LLC

P.O. BOX 2228

BURLINGTON, NC 27216

8892

INVOICE NUMBER

BY: *Chet Miller*

CHET MILLER



Carolina Foundation Solutions, LLC

PO Box 2228

Burlington, NC 27216

NC GENERAL CONTRACTOR LICENSE #54441

SC GENERAL CONTRACTOR LICENSE #G116311

Invoice

Date	Invoice #
1/31/2020	8892

PAID
02/07/2020

Bill To
Alexander Birger 5323 Griffith Park Rd. Raleigh, NC 27613

Project
8405 Whisper Ridge Pl. Raleigh, NC 27613

Terms	Rep	Crew	County
Due upon Completion	BPM	Runkle	Wake

Service Date	Quantity	Description	Amount
1/22/2020	14	Furnish all labor, equipment, tools, insurance, and supervision necessary to install fourteen (14) helical pier(s) into load bearing soil to stabilize the foundation.	14,840.00
	1	Additional pier(s) installed over and above the contract amount	1,167.04
	1	Furnish all labor, equipment, tools, insurance, service, and supervision necessary to stitch weld the crack.	2,782.00
	1	The removal only of concrete from the rear patio	1,500.00
	15	2 7/8" x 7' Lead with 10", 12" Helices (.203 Wall Thickness)	
	25	2 7/8" x 7' Extension (.203 Wall Thickness)	
	15	Bracket - Low profile for SS5, SS150, & RS2875 - 30 kip	
	15	T-Pipe - RS2875.203 for 0499 Bracket	

Thank you for your business.

Phone #	Fax #	E-mail
336-395-7050	336-395-7051	info@carolinafoundation.com
Web Site		www.carolinafoundation.com

Total	\$20,289.04
Payments/Credits	-\$20,289.04
Balance Due	\$0.00

A+ Rating with the Better Business Bureau!

[Print](#)**Carolina Foundation Solutions, LLC**

PO Box 2228 • Burlington, NC 27216 • Phone: 1-877-770-7050 • Fax: 336-395-7051

Ganna Fisher - Realtor
919-824-7816Job Address:
8405 Whisper Ridge Pl.
Raleigh, NC 27613**Print-date:** 12-19-2019**Date: December 19, 2019**

Carolina Foundation Solutions, LLC (CFS) proposes to furnish all labor, equipment, tools, insurance, services, and supervision necessary to complete the above referenced project according to the terms and conditions further defined within the content below:

INSTALLATION OF UNDERPINNING HELICAL PIER(S)

1. Carolina Foundation Solutions, LLC proposes to install underpinning helical pier(s) to support and stabilize the foundation at the above referenced property, at the locations and per the recommendations specified within the report provided by a licensed structural engineer.
2. The pier system(s) will consist of all CHANCE material. All material will be hot dipped galvanized steel, made in the USA.
3. We shall first excavate the soils along the base of the structure at each of the proposed helical pier locations using a mini excavator or by hand depending on the locations' access. The soils must be excavated to a depth in which exposes the bottom of the footing at the proposed pier location(s).
4. Once the excavation process has been completed, the helical pier(s) shall then be installed using the mini excavator, hand held unit, and/or a portable stand, which is equipped with a calibrated hydraulic rotary drive head and patented CHANCE digital torque indicator. The helical pier(s) shall be installed down to suitable load bearing soils and/or bedrock (each to a proposed total depth of seven [7] to twenty one [21] feet).
5. The helical pier(s) shall be installed to support an ultimate capacity as specified by the licensed professional engineer.

6. Once the pier(s) have reached the proper depth and yielded the proper torque rating, we shall then install the underpinning bracket(s). The bracket(s) shall rest beneath the bottom of the footing and secured to the outer face of the footing. T-pipe(s) shall then be placed on top of each pier shaft and fastened to each underpinning bracket.
7. Loads shall then be applied to the pier(s) using hydraulic jack kits, in a manner which shall properly provide support.
8. Once the helical pier(s) have been completely installed, the excavated soils will be back filled and tamped.

JOB SPECIFIC NOTES

1. In order to provide proper access and create a proper work space for the installation of the helical pier(s), it could result in the disturbance to some of the landscaped areas and/or the removal of some of the existing shrubs and bushes. The locations of the existing shrubs, plants, and bushes and the impact the pier installation procedure will have on such items shall be taken into consideration when determining the exact location in which the helical pier(s) are to be installed. CFS shall use caution and care when removing any shrubs/plants, however we cannot and will not take responsibility for the replacement and/or any damages or for the long-term condition and health of such shrubs and plants.
2. Price includes removing and replacing concrete in the patio for three piers.

Total Price

Total Price: \$16,040.00

THE TOTAL PRICE ABOVE INCLUDES THE FOLLOWING:

INSTALLATION OF HELICAL PIER(S) = \$16,040.00

The price above is for the installation of a total of [14] underpinning helical pier(s), each to a proposed total depth of 7 to 21 feet.

MISCELLANEOUS SERVICE(S) = \$

The price listed above includes the fees associated with the additional services as described in the "Job Specific Notes" section of this proposal. These services include

EXCEPTIONS/CHANGES IN PRICING

ADDITIONAL PIER MATERIAL = \$25 per foot

When installing the helical pier(s), if the proper torque rating is not reached within the proposed maximum depth of 21 feet and the soil conditions require the piers to be driven deeper, charges shall apply at a rate of \$25 for each additional linear foot of material used.

ADDITIONAL EXCAVATION = \$175 per hour

When installing the helical pier(s), if found that the base of the concrete footing is located 3 feet below the grade level or more, the thickness of the footing is greater than 12 inches, and/or the face of the footing protrudes 12 inches or more from the face of the structure requiring additional and excessive excavation and/or additional and excessive chipping of the concrete, then charges of \$175 per hour shall apply.

FOOTING REPAIRS = \$45 per linear foot

When installing the helical pier(s), if found that the footing conditions are less than ideal or that no footing exists, repairs/improvements/modifications will likely be required which typically consist of installing steel angle and concrete, and

are charged at a rate of \$45 per linear foot.

MOBILIZATION CHARGE = \$1,400

In the event that the scope of work cannot be performed or completed as proposed due to unforeseen conditions or unexpected circumstances (such as subsurface obstructions), a charge of \$1,400 for the costs of mobilization.

ALTERNATE PIER MATERIAL = \$275 per unit

When installing the helical pier(s), if no torque is created and very poor soils conditions are encountered at and/or around the estimated total depth of 21 feet, and if deemed necessary, an extension with an additional helix (referred to as a tail) shall be used and charged at a rate of \$275 per unit. This extension with an additional helix provides additional surface area, creating an increase in torque.

NOTE: *We require the client or a representative of the client to be available for consultation while the work is being performed. If we encounter a scenario where any of these additional charges would apply, we will immediately attempt to contact the customer/representative to notify them of the situation and explain the reason for any changes to the proposed scope of work and/or proposed price.*

TERMS AND CONDITIONS

1. **A deposit of 50% of the proposed price shall be due upon acceptance of the proposal unless otherwise stated in the "Job Specific Notes" section of this proposal. The remaining balance shall then be due upon completion of the work and paid to the crew leader upon completion of the job or via credit card to a customer service representative in our corporate office. Once we have received a signed copy of this proposal and the deposit, we will schedule the job at your earliest convenience.** A monthly service charge of 1.5% per month will be added to and thereafter accrue upon the unpaid balance of all invoice that are 10 days past due. Customer agrees to pay all costs of collection, including a 15% attorney's fee, should the services of an attorney be utilized in collection. Checks, cash, and credit cards (VISA, MasterCard, or Discover) are accepted for all payments. ***Please feel free to contact us if interested and wish to learn more about our financing options that we offer through GreenSky.***
2. Should notice to proceed exceed 30 days following the date of this proposal, CFS reserves the right to make changes to the proposed scope of work and the pricing which is specified.
3. Please note that a source of power and water may be required in order to complete the work as specified. Please inform CFS prior to acceptance of this proposal if either of these resources will not be available.
4. **It is the responsibility of the customer to provide proper access and to give our technicians an unobstructed work area.** In order to install the helical pier(s), the use of heavy equipment will be required. Some of the landscaped areas may be disturbed and/or some of the existing shrubs, plants, bushes, and/or other items on the property may have to be removed. If anything located within the proposed work space or within the route of accessing the proposed work space is found present at the time of our arrival and must be removed in order to complete the proposed scope of work, CFS may handle the removal of such items (as needed and as we are able), but additional charges of \$175 per hour (with a 1 hour minimum) could apply and we will not take responsibility for damages or replacement of any such items. If CFS is unable to remove said items resulting in the delay of work, a charge for the mobilization of our crew and equipment (\$1400) shall be applied.
5. In the event any concrete must be removed in order to install any of the proposed helical pier(s), CFS can handle the removal and replacement of small sections of concrete, solely as required for the pier installation. The removal and replacement of the concrete shall be performed if and as specified within the "Pricing Summary" section and/or "Job Specific Notes" section. Please note that the finish, color, and overall appearance of any concrete that is replaced will not match that of the original and adjacent sections of concrete.
6. In the event that any shrubs or plants must be removed, CFS shall use caution and care when removing; however, we cannot and will not take responsibility for the replacement and/or any damages or for the long-term condition and health of such shrubs and plants.
7. Based on our experience and the information provided, we anticipate no problems with the use and installation of helical pier(s). However, due to the limited soil information provided/available, CFS will not be held responsible if it is

found that the helical pier(s) are unable to reach or penetrate through to suitable load bearing soils due to subsurface conditions or subsurface items. If this situation is encountered, it could require the need for other alternatives and additional engineering services, requiring the need for the proposed pricing to be reevaluated. This situation could result in charges for the mobilization of our equipment (\$1400) and time spent attempting to install the helical pier(s) (at a rate of \$175 per hour).

8. CFS cannot and will not guarantee that the existing cracks or separation within any components (such as the brick, brick mortar joints, siding, stone, concrete, sheetrock, doors, windows, flooring, framing and/or footings) will close or will be shifted into a desired position. If and when lifting is attempted, CFS cannot and will not offer any guarantees against the development or creation of new cracks, separation, or gaps within various components such as sheetrock, brick, concrete, etc. (particularly any items which may have been installed or adjusted to compensate for settlement which may have occurred). Cosmetic repairs and/or repairs to cracks, movement, and/or separation of any such items are not included within the proposed scope of work unless otherwise noted within the content above.
9. Carolina Foundation Solutions, LLC cannot and will not be held responsible for any hidden structural deficiencies, any underlying issues, and/or any undisclosed problems that may exist within any components of the property or structure. CFS is not a licensed engineering company. The proposed repairs stated within this document are based on the recommendations stated within the report provided by the licensed professional engineer. Unless otherwise stated, this proposal is only for the installation of underpinning helical pier(s) as a means of supporting and stabilizing the foundation.
10. CFS will not offer any guarantees for any areas, portions, or sections of the structure that are not repaired by CFS. The proposed scope of work does not cover or include any other repairs or improvements to any other items or components of the structure or property. Any and all other repairs or improvements shall be the responsibility of the customer.
11. CFS will call to request that all **public** underground utilities be located. However, we will not be held responsible for the removal or replacement of any utility lines, meters, etc. which are found to prevent access and/or prevent the ability to install the helical pier(s) at the proposed locations. CFS will not assume responsibility for damage or disturbance to any items located below the surface of the work area that are not properly located or disclosed such as components of irrigation systems, plumbing lines, drainage lines, components of landscape lighting, septic tanks, private utility lines, etc.
12. ***Any claim or dispute arising out of or relating to this proposal shall, at the sole option of CFS, be settled by arbitration administered by the American Arbitration Association under its Construction Industry Arbitration Rules. In no event shall any award to Customer be in excess of the contracted price of this agreement. This agreement shall be governed by the laws of the State of North Carolina.***
13. **A transferable LIFE OF STRUCTURE WARRANTY for the helical pier(s) shall be provided and the warranty coverage will be valid once the final and full payment is received and if the final and full payment is received within terms.**
14. **A signed copy of this proposal or a proposal/contract which references this proposal is necessary before adding your project to our present work schedule.** The signed copy can be sent via email, mailed to P.O. Box 2228, Burlington, NC 27216, or faxed to (336) 395-7051. Please provide/confirm the correct billing/mailling address and the appropriate contact information.
15. CFS requires a minimum of TWO working days' notice for any postponement of the set work days. Postponement requests must be submitted in writing to either info@carolinafoundation.com or faxed to our main office at (336)395-7051.
16. **CFS requires a minimum TWO working days' notice for any cancellations of scheduled work dates. Less than TWO days' notice will result in a Mobilization Charge. Any cancellation requests must be submitted IN WRITING to info@carolinafoundation.com or faxed to our office at (336)395-7051.**

Carolina Foundation Solutions, LLC is the premiere certified installer for CHANCE helical pier/pile/anchor systems in the Carolinas. CFS is the proud recipient of the **2010, 2013, 2014, 2015, & 2017 CHANCE/Foundation Technologies, Inc. "DEALER OF THE YEAR AWARD"** for the entire Southeastern U.S. Region and the **2012 CHANCE/Foundation Technologies, Inc. "CONSUMER CHOICE AWARD"** for the entire Southeastern U.S. Region. Carolina Foundation Solutions, LLC takes pride in providing quality customer service using only the best and most trusted products, to ensure that the job is done properly.

Thank you for asking us to work with you regarding this job. Should you have any questions, or if any additional information is needed, please contact us at your convenience.

Sincerely,

Bryan P. McLamb

CAROLINA FOUNDATION SOLUTIONS, LLC

Mobile: 919-410-1769 Office: 336-395-7050 Email: bryan@carolinafoundation.com

Signature

Print Name:

Date:

Installation Record

Crew: Robert Runkle

Page 1

Customer Name: Alexander Birger

Contact Name: Alexander Birger

Job Address: 8405 Whisper Ridge Pl, Raleigh, NC 27613

Start Date: 1/16/20

End Date: 1/22/20

Pier #	Lead Section		Lead/Extensions		Torque Value		Final Torque Value (ft/lb)	Final Depth (ft)	Ultimate Capacity (kips)	Load Applied		Termination Part	Remarks
	Length (ft)	Material Type	Length (ft)	Helix Config	(ft-lbs)/depth					psi	kips		
1	7'	RS2875.203	7'	10"/12"	1,800	7'	2,100	14	18.9	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		2,100	14'							
2	7'	RS2875.203	7'	10"/12"	1,400	7'	2,100	14	18.9	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		2,100	14'							
3	7'	RS2875.203	7'	10"/12"	1,300	7'	2,100	14	18.9	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		2,100	14'							
4	7'	RS2875.203	7'	10"/12"	1,300	7'	2,000	14	18	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		2,000	14'							
5	7'	RS2875.203	7'	10"/12"	1,200	7'	2,100	14	18.9	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		2,100	14'							

Base Price:

plus	extra feet at	\$25.00 per foot	17,507.14
plus	extra hrs. excavaton at	\$175.00 per hour	\$0.00
plus	extra helices at	\$275.00 each	0.00
plus any micellaneous			
less deposit, if any			

TOTAL TO BE COLLECTED: 17,507.14

PAID BY CHECK NUMBER:

CREDIT CARD TYPE

Visa

NUMBER:

EXPIRATION DATE:

SECURITY CODE:

Installation Record

Page 2

Customer Name: Alexander Birger

Contact Person: Alexander Birger

Job Address: 8405 Whisper Ridge Pl, Raleigh, NC 27613

Start Date: 1/16/2020

End Date: 1/22/2020

Lead Section			Lead/Extensions		Torque Value		Final Torque Value (ft/lb)	Final Depth (ft)	Ultimate Capacity (kips)	Load Applied		Termination Part	Remarks
Pier #	Length (ft)	Material Type	Length (ft)	Helix Config	(ft-lbs)/depth					psi	kips		
6	7'	RS2875.203	7'	10"/12"	1,300	7'	2,000	21'	18	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		1,200	14'							
			7'		2,000	21'							
7	7'	RS2875.203	7'	10"/12"	1,400	7'	2,000	21'	18	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		1,400	14'							
			7'		2,000	21'							
8	7'	RS2875.203	7'	10"/12"	1,400	7'	2,000	21'	18	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		900	14'							
			7'		2,000	21'							
9	7'	RS2875.203	7'	10"/12"	1,500	7'	2,000	21'	18	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		900	14'							
			7'		2,000	21'							
10	7'	RS2875.203	7'	10"/12"	1,000	7'	2,200	21'	19.8	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		1,100	14'							
			7'		2,200	21'							
11	7'	RS2875.203	7'	10"/12"	1,000	7'	2,100	21'	18.9	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		1,600	14'							
			7'		2,100	21'							

Installation Record

Page 3

Customer Name: Alexander Birger

Contact Person: Alexander Birger

Job Address: 8405 Whisper Ridge Pl, Raleigh, NC 27613

Start Date: 1/16/2020

End Date: 1/22/2020

End Date: 1/22/2020													
Pier #	Lead Section		Lead/Extensions		Torque Value		Final Torque Value (ft/lb)	Final Depth (ft)	Ultimate Capacity (kips)	Load Applied		Termination Part	Remarks
	Length (ft)	Material Type	Length (ft)	Helix Config	(ft-lbs)/depth					psi	kips		
12	7'	RS2875.203	7'	10"/12"	1,000	7'	4,000	21'	36	2,500	9.94	Low Profile Bracket - 30 Kips	
			7'		1,200	14'							
			7'		4,000	21'							
13	7'	RS2875.203	7'	10"/12"	900	7'	2,100	21'	18.9	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		1,500	14'							
			7'		2,000	21'							
14	7'	RS2875.203	7'	10"/12"	1,300	7'	2,000	21'	18	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		1,500	14'							
			7'		2,000	21'							
15	7'	RS2875.203	7'	10"/12"	1,000	7'	2,100	21'	18.9	3,000	11.92	Low Profile Bracket - 30 Kips	
			7'		1,500	14'							
			7'		2,100	21'							

Inventory Used on Jobs**SS5 - 1 1/2" Shaft - Lead Sections**

C150-0001 - 8" helix - 7' shaft
C150-0004 - 12" helix - 7' shaft
C150-0006 - 8" & 10" helices - 7' shaft
C150-0051 - 10" & 12" helices - 7' shaft
C150-0397 - 8", 10", 12" helices - 7' shaft
C110-0691 - 8"/8"/8" soil screw lead - 7'

SS5 - 1 1/2" Shaft - Extensions

C150-0047 - 3' extension
C150-0008 - 5' extension
C150-0009 - 7' extension
T150-0440 - 5' extension with 14" helix
C110-0689 - 8"/8"/8" soil screw extension - 7'

RS2875 - 2 7/8" OD (.203 wall) Lead Sections

C278-4510 - 10" helix drive plate - 5' shaft
C278-4509 - 12" helix - 7' shaft
C278-4514 - 8", 10", 12" helices - 5' shaft
C278-4506 - 10" & 12" helices - 7' shaft

RS2875 - 2 7/8" OD (.203 wall) Extensions

C278-4300 - 3.5' extensions
C278-4500 - 5' extensions
C278-4700 - 7' extensions
C278-4501 - 5' extension with 14" helix

SS125 - 1 1/4" Shaft - Lead Sections

C150-0551 - 8", 10", 12" helices - 5' shaft
C150-0549 - 10" & 12" helices - 5' shaft
C150-1041 - (SS125/SS5) 8"/10" helices - 3.5' shaft

SS125 - 1 1/4" Shaft - Extensions

C150-0553 - 3' extensions
C150-0554 - 5' extensions
C150-0555 - 7' extensions

Brackets & T-pipes

C150-0121 - Standard bracket for SS5 & SS150 - 40 kips
C150-0934 - Standard bracket for SS5 & RS2875 - 30 kips
C150-0486 - T-pipe for C150-0121, SS5
C278-0001 - T-pipe for C150-0121, RS2875
C150-0499 - Low profile bracket - 30 kips
C150-0503 - T-pipe for low profile bracket
C278-0003 - T-pipe RS2875.203 for low profile bracket
C150-0298 - Bracket for SS5 & SS150 - 80 kip
C150-0239 - Porch bracket for SS5 & SS150
C150-0085 - Slab bracket for SS5 & SS150

New Construction Pile Caps

C150-0777 - 7"x7"x.5", SS5/SS150, 70k Ult., Black
C150-0781 - 7"x7"x.5", RS2875, 72k Ult., Black
C150-0793 - 7"x7"x.5", SS5/SS150 w/bolts, 70k/46k Ult., Black
C150-0797 - 7"x7"x.5" RS2875 w/bolts, 72k/72k Ult., Black
10"x10"x.5" RS3500 w/bolts

Miscellaneous Parts

C150-0564 - 8" Wall anchor for SS125
C150-0565 - 10" Wall anchor for SS125
C150-0566 - 12" Wall anchor for SS125
C150-0580 - Threaded adapter for SS125
C150-0608 - 1" All-thread adapter for SS125 (female)
E150-0079 - 8" Wall anchor for SS5
E150-0252 - 10" Wall anchor for SS5
E150-0254 - 12" Wall anchor for SS5
C150-0032 - Threaded adapter for SS5
C110-1078 - 1" All-thread adapter for SS5
C114-0009 - 1" Dywidag bar adapter, 11" long
E150-0088 - Plate & washer assembly - 11"x19" plate
C150-0896 - SS5/SS150 to RS2875 Connector
C150-0895 - SS175 to RS3500 Connector
Star Plate

Inventory Used Not Listed

86' of angle iron

Customer Name: Alexander Birger
Date job complete: 1/22/20
Job Address: 8405 Whisper Ridge Pl, Raleigh, NC 27613
Location where inventory was obtained: Burlington

Installation Record: Crack Repair



Customer Name: Alexander Birger

Contact Person: Alexander Birger Phone: _____

Job Address: 8405 Whisper Ridge Pl, Raleigh, NC 27613

Start Date: 01/16/20 End Date: 1/22/20

Crew: Robert Runkle

AREA(S) TO BE REPAIRED (place a check by each location repaired)

Porch _____

Entry _____

Living room x

Dining room _____

Kitchen _____

Bedroom(s) _____

Bathrooms(s) _____

Hallways _____

Garage x

Driveway/walkways _____

Number of feet of crack repair 60'

Number of Carbon Fiber Stitches Used 18

Number of Staples Used 0

Description of Repair and General Notes:

	Qty:	Price:	Total
Bid Price:	1	\$2,782.00	\$2,782.00
Overage:			\$0.00
Other Charges:			\$0.00
TOTAL DUE			\$2,782.00

Materials - Burlington Yard

Sikadur 32 - 2 gal kit	<u>0.5</u>
Sikadur 32 - 4 gal kit	_____
6280 Fortress Staples	_____
Backer Rod (ft.)	<u>60'</u>
Vulkem 45 SSL	_____
Bagged Sand	_____
Other	_____