



**ECS Southeast, LLP**

6151 Raeford Road, Suite A  
Fayetteville, NC 28304  
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9103230539

**LETTER OF TRANSMITTAL**

March 8, 2023  
Homeowner Bryant

Spring Lake, NC 28390

ATTN: Steven Bryant

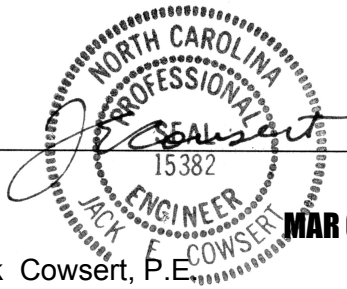
RE: **Docs Rd Lot**  
ECS Job # **33:6395**

Permits:  
Location: **3134 Docs Rd**  
**Spring Lake, NC 28390**

Field Reports       For your use       As requested

CC:

ENCL: Field Report # 1      3/8/2023



**MAR 08 2023**

Jack Cowsert, P.E.  
Office Manager

Aaron Kyle Adair  
Team Leader

*Disclaimer*

1. This report (and any attachments) shall not be reproduced except in full without prior written approval of ECS.
2. The information in this report relates only to the activities performed on the report date.
3. Where appropriate, this report includes statements as to compliance with applicable project drawings, and specifications for the activities, performed on this report date.
4. Incomplete or non-conforming work will be reported for future resolution.
5. The results of samples and/or specimens obtained or prepared for subsequent laboratory testing will be presented in separate reports/documents.



ECS Southeast, LLP  
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 (910) 323-0539 [Fax]

## FIELD REPORT

Project **Docs Rd Lot**  
 Location **Spring Lake, NC**  
 Client **Homeowner Bryant**  
 Contractor **None Listed**

Project No. **33:6395**  
 Report No. **1**  
 Day & Date **Wednesday 3/8/2023**  
 Weather **60 °/ Sunny**  
 On-Site Time **2.50**  
 Lab Time **0.00**  
 Travel Time\* **0.00**  
 Total **2.50**  
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>12:15P</b>	<b>2:45P</b>

\* Travel time and mileage will be billed in accordance with the contract.

**Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.**

ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for foundation footings for a proposed shop. Please see the attached sketch and data sheet for details.

A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current footing sub grade elevation. Test results indicated that, after repairs, the materials in place (at the locations and elevations tested) did appear to be suitable to support the design bearing capacity 2,000 psf.

Test location 4 did show low bearing issues during the test. ECS used a smooth tip probe rod to chase out the area and marked area using orange paint. While on site, the contractors undercut the area 1 foot below footing subgrade and compacted the existing material. They then added the material back to get back to the footing subgrade and compacted. After repairs were completed, ECS checked the area using the smooth tip probe rod and it appeared firm and stable.

ECS will return upon request.





Jevonne Roach  
 Docs Lot  
 2023-03-08  
 Proj #: 6395  
 W/O #: 71116

**Key (NTS)**  
 DCP Test Locations

#



NORTH





# Attachments



IMG-3061

Figure 1



IMG-3062

Figure 2



# Attachments



IMG-3063

Figure 3



thumbnail\_IMG-3066

Figure 4



## Report of Spread Footing - Foundation Observations

Project: Docs Rd Lot  
 Location: 3134 Docs Rd  
 Spring Lake - Harnett - NC - 28390  
 Contractor: None Listed

Project No.: 33:6395  
 Day/Date: 3/8/2023

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation		Description of Steel Placed	Description of Subgrade Material	Required Blow Counts	Design Bearing Pressure
		Design	Actual	Design **	Depth of Undercut (in)			# of Blows / Increment	
1	North East corner	x x	x x	N/A	N/A		(0) Orangish Brown Clayey Sand (-1,-2,-3) Orangish Tan Sand	6	2000
								(0)4,4,4 (-1)5,5,6 (-2) 5,6,7 (-3)7,9,8	
2	South East corner	x x	x x	N/A	N/A		(0,-1,-2,-3) Orangish Tan Sand	6	2000
								(0)4,4,5 (-1)6,5,6 (-2) 10,13,15 (-3)13,16,19	
3	South West corner	x x	x x	N/A	N/A		(0,-1,-2,-3) Orangish Tan Sand	6	2000
								(0)3,4,3 (-1)5,6,7 (-2) 8,11,10 (-3)11,10,12	
4	North West corner	x x	x x	N/A	N/A		(0,-1)Orangish Brown Clayey Sand (-2,-3) Orangish Tan Sand	6	2000
								(0)2,3,2 (-1)2,2,3 (-2) 6,6,7 (-3)6,5,4	

\*\* SGE: Subgrade Elevation to be determined by surveyor.

By: Jevonne Obrian Roach



## Report of Spread Footing - Foundation Observations

Project: Docs Rd Lot  
Location: 3134 Docs Rd  
Spring Lake - Harnett - NC - 28390  
Contractor: None Listed

Project No.: 33:6395  
Day/Date: 3/8/2023

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ECS Southeast, LLP

WO: 71116