



**ECS Southeast, LLC**

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**LETTER OF TRANSMITTAL**

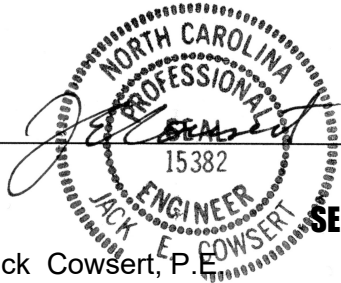
September 23, 2024  
W.S. Wellons Realty  
PO Box 766  
Spring Lake, NC 28390  
ATTN: Jason Wellons

RE: **Onslow Court- lot 9**  
ECS Job # **33:7062-A**  
  
Permits:  
Location: **98 Onslow Ct**  
**Spring Lake, NC 28390**

Field Reports       For your use       As requested

CC:

ENCL: Field Report # 2      9/20/2024



Jack Cowsert, P.E.  
Office Manager

Aaron Kyle Adair  
CMT Senior Project Coordinator

*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, LLC  
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## FIELD REPORT

Project **Onslow Court- lot 9**  
 Location **Spring Lake, NC**  
 Client **W.S. Wellons Realty**  
 Contractor **None Listed**

Project No. **33:7062-A**  
 Report No. **2**  
 Day & Date **Friday 9/20/2024**  
 Weather **84 °/ Sunny**  
 On-Site Time **1.25**  
 Lab Time **0.00**  
 Travel Time\* **0.00**  
 Total **1.25**  
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>2:00P</b>	<b>3:15P</b>

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

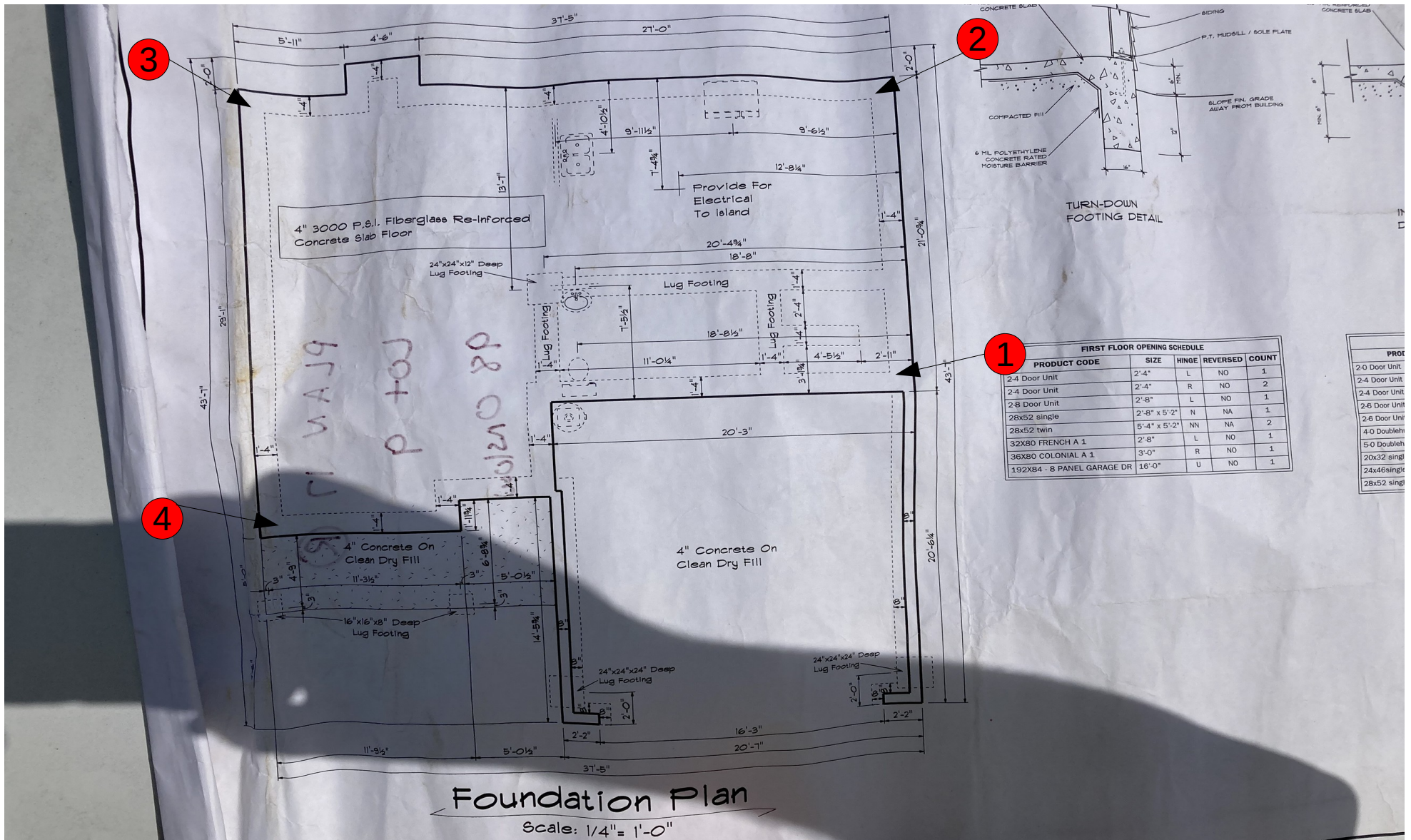
**Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.**

An ECS representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for foundation footings. 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 the materials in place (at the locations and elevations tested) did appear to be suitable to support the design bearing capacity 2,000 psf.

While the tested did appear to be suitable to support the sign bearing capacity of 2,000 psf, ECS encountered some potential highly plastic clays. A soil sample was returned to our laboratory for further testing to determine if the clay in place is a fat or lean clay.

ECS will return, as requested, for additional services.



Christopher H.A. Johnson  
 9/20/2024  
 Onslow Court Lot 9  
 Proj #: 7062-A  
 W/O # 79756

**Key (NTS)**

DCP Test Locations

#



**NORTH**



## Report of Spread Footing - Foundation Observations

Project: Onslow Court- lot 9  
 Location: 98 Onslow Ct  
Spring Lake - Cumberland - NC - 28390  
 Contractor: None Listed

Project No.: 33:7062-A  
 Day/Date: 9/20/2024

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	south east corner of house foundation	x x	x x	N/A	N/A		(0)wet red clayey sand (-1, -2,-3)brown sandy dark grey clay	6	2000
								(0)1,3,5 (-1)8,8,10 (-2)8,10,13 (-3)9,13,12	
2	north east corner of house foundation	x x	x x	N/A			(0)wet red clayey sand (-1, -2)brown sandy dark grey clay (-3)brown/dark grey clay	6	2000
								(0)2,3,5 (-1)6,7,7 (-2)8,9,9 (-3)9,10,13	
3	north west corner of house foundation	x x	x x	N/A			(0)wet red clayey sand (-1)red/brown sandy clay (-2)brown sandy clay (-3)dark grey clay	6	2000
								(0)2,5,6 (-1)6,7,9 (-2)6,6,10 (-3)8,9,11	
4	south west corner of house foundation	x x	x x	N/A	N/A		(0)wet red clayey sand (-1)red/brown sandy clay (-2)brown sandy clay (-3)dark grey clay	6	2000
								(0)2,3,5 (-1)5,7,6 (-2)6,6,7 (-3)9,7,7	

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

By: Christopher H Johnson

ECS Southeast, LLC

WO: 79756



# Attachments



IMG\_2860

Figure 1