



ECS Southeast, LLC
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LETTER OF TRANSMITTAL

December 11, 2024
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390
ATTN: Jason Wellons

RE: **Onslow Court- lot 13**
ECS Job # **33:7062-G**

Permits:
Location: **69 Onslow Ct**
Spring Lake, NC 28390

Field Reports For your use As requested

CC:

ENCL: Field Report # 1 12/10/2024

Jack Cowsert, P.E.
Office Manager

Robert T. Harrigan
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.



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 Fayetteville, NC 28304
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FIELD REPORT

Project **Onslow Court- lot 13**
 Location **Spring Lake, NC**
 Client **W.S. Wellons Realty**
 Contractor **None Listed**

Project No. **33:7062-G**
 Report No. **1**
 Day & Date **Tuesday 12/10/2024**
 Weather **68 °/ Cloudy**
 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			2:15P	3:30P

* 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 preliminary pad inspection. Please see the attached sketch and data sheet for details.

A hand auger was used to advance the boreholes to different depths noted on the boring logs. Dynamic Cone Penetrometer (DCP) test were performed in the hand auger boreholes by a 1.5 inch diameter cone driven into the soil by a 15 pound ring weight with a free fall of 20 inches. The number of blows required to drive the cone into the soil a distance of 1.75 inches is termed the DCP Value and is indicated for each test on the hand auger.

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 that the materials in place (at the locations and elevations tested) did appear to be suitable to support the design bearing capacity of 2,000 psf.

ECS will return, as requested, for additional services.



Christopher H.A. Johnson
12/10/2024
Onslow Court – Lot 13
Proj #: 7062-B
W/O # 81547

Key (NTS)
DCP Test Location:



NORTH





Report of Foundation Observations

Project: Onslow Court- lot 13
 Location: 69 Onslow Ct
Spring Lake - Cumberland - NC - 28390

ECS Project No. : 33:7062-G
 Date: 12/10/2024

General Location: _____
 Footing Type: _____

Design Bearing Pressure: 2000

Test No.	Location	Size			Footing Bottom Elevation		Depth of Undercut	Description of Steel Placed	Description of Foundation Subgrade Material	Depth of Test*	Increment for blow count
			Design	Actual	Design	Actual**					
1	west corner of pad	W	0' 0"	0' 0"			0' 0"		(-1)tan sand (-2)tan/dark grey sand (-3,-4)tan sandy clay		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
2	south corner of pad	W	0' 0"	0' 0"			0' 0"		(-1,-2)tan sand (-3)dark grey/tan sandy clay(-4)tan sandy clay		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
3	east corner of pad	W	0' 0"	0' 0"			0' 0"		(-1,-2)tan sand (-3)tan clay(-4)tan sandy clay		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
4	north corner of pad	W	0' 0"	0' 0"			0' 0"		(-1,-2)tan sand (-3)tan clay (-4)tan sandy clay		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							

* Depth of DCP, or other methods of determining the soil stiffness
 ** Subgrade elevation reported by any means the contractor provided

By: Christopher H Johnson

 ECS Southeast, LLC

WO: 81547