



ECS Southeast, LLC
6151 Raeford Road, Suite A
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LETTER OF TRANSMITTAL

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

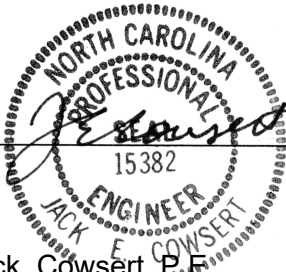
RE: **Onslow Court- lot 12**
ECS Job # **33:7062-F**

Permits:
Location: **87 Onslow Ct**
Spring Lake, NC 28390

Field Reports For your use As requested

CC:

ENCL: Field Report # 1 12/10/2024



DEC 11 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.



ECS Southeast, LLC
 6151 Raeford Road, Suite A
 Fayetteville, NC 28304
 (910) 401-3288 [Phone]
 (910) 323-0539 [Fax]

FIELD REPORT

Project **Onslow Court- lot 12**
 Location **Spring Lake, NC**
 Client **W.S. Wellons Realty**
 Contractor **None Listed**

Project No. **33:7062-F**
 Report No. **1**
 Day & Date **Tuesday 12/10/2024**
 Weather **61 °/ 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				10:00A	11:15A

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

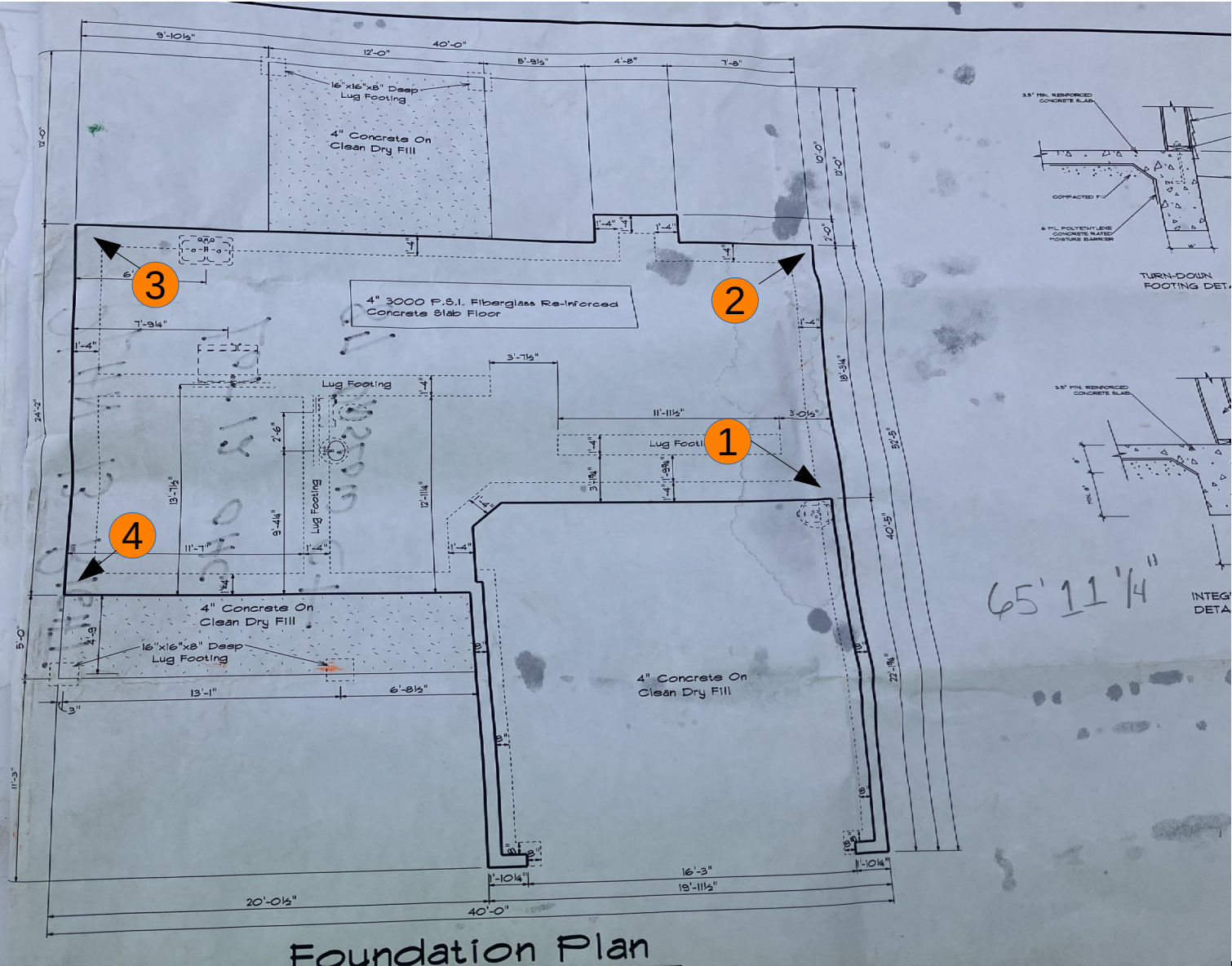
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

ECS Representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for preliminary foundation footings. 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 4 feet below the current footing sub grade elevation. It is to the opinion of ECS that the materials in place (at the locations and elevations tested) did appear to be suitable to support the design bearing capacity 2000 psf.

ECS will return, as requested, for additional services.



Izayah Rutledge
 December 10, 2024
 87 Onslow Ct Lot 12
 P: 7062-F
 WO: 81546

Key (NTS)
 DCP Locations

#



NORTH





Report of Foundation Observations

Project: Onslow Court- lot 12
 Location: 87 Onslow Ct
Spring Lake - Cumberland - NC - 28390

ECS Project No. : 33:7062-F
 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	SE Corner	W	0' 0"	0' 0"			0' 0"		-1:Brown Red Clayey Sand -2:Brown Sand - 3:Tan Sand -4:Brown Clayey Sand		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
2	NE Corner	W	0' 0"	0' 0"			0' 0"		-1:Brown Red Clayey Sand -2:Brown Sand -3,-4:Brown Clayey Sand		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
3	NW Corner	W	0' 0"	0' 0"			0' 0"		-1:Brown Red Clayey Sand -2,-3:Brown Sand - 4:Brown Clayey Sand		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
4	SW Corner	W	0' 0"	0' 0"			0' 0"		-1:Brown Red Clayey Sand -2:Brown Sand - 3:Brown Clayey Sand - 4:Tan Sand		
		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: Izayah MoReil Rutledge

ECS Southeast, LLC

WO: 81546

Attachments

PERMIT NO. 11-0082 ON-LINE

ECS Carolinas, LLP
6151 Rawford Road, Suite A
Fayetteville, NC 28304
(910) 401-3288 Office
(910) 323-0539 Fax

FIELD REPORT

Project No. 7062-F

Day/Date Dec 10, 24

Temp./Weather 61 Cloudy

Arrive 1000

Depart 1115

On-Site Time 1:25

Lab/Office Time _____

Reinspection Time _____

Travel Time _____

Total Time _____

No. of Trips _____

Design Bearing Capacity (psf) 2000

Pass

Fail

PROJECT MANAGER REMARKS:

2024-Dec-10 (7)

Figure 1



2024-Dec-10 (6)

Figure 2



Attachments



2024-Dec-10 (5)

Figure 3



2024-Dec-10 (4)

Figure 4

Attachments



2024-Dec-10 (3)

Figure 5



2024-Dec-10 (2)

Figure 6

Attachments



2024-Dec-10 (1)

Figure 7