NC Registered Firm # F-1519

ECS Southeast, LLC
6151 Raeford Road, Suite A
Fayetteville, NC 28304
9104013288
9103230539

LETTER OF TRANSMITTAL

October 09, 2024
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390

ATTN: Jason Wellons

RE: **Onslow Court- lot 11**
ECS Job # **33:7062-C**

Permits:
Location: **101 Onslow Ct**
Spring Lake, NC 28390

X Field Reports **X** For your use **X** As requested

CC:

ENCL: Field Report # 1 10/8/2024

NORTH CAROLINA PROFESSIONAL SEAL 15382 ENGINEER JACK E COWSERT

OCT 09 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.

NC Registered Engineering Firm # F-1519

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

FIELD REPORT

Project No.	**33:7062-C**
Report No.	**1**
Day & Date	**Tuesday 10/8/2024**
Weather	**62 °/ Sunny**
On-Site Time	**1.50**
Lab Time	**0.00**
Travel Time*	**0.00**
Total	**1.50**
Re Obs Time	**0.00**

Project	**Onslow Court- lot 11**
Location	**Spring Lake, NC**
Client	**W.S. Wellons Realty**
Contractor	**None Listed**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of	Arrival	Departure
Chargeable Items				**10:15A**	**11:45A**

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

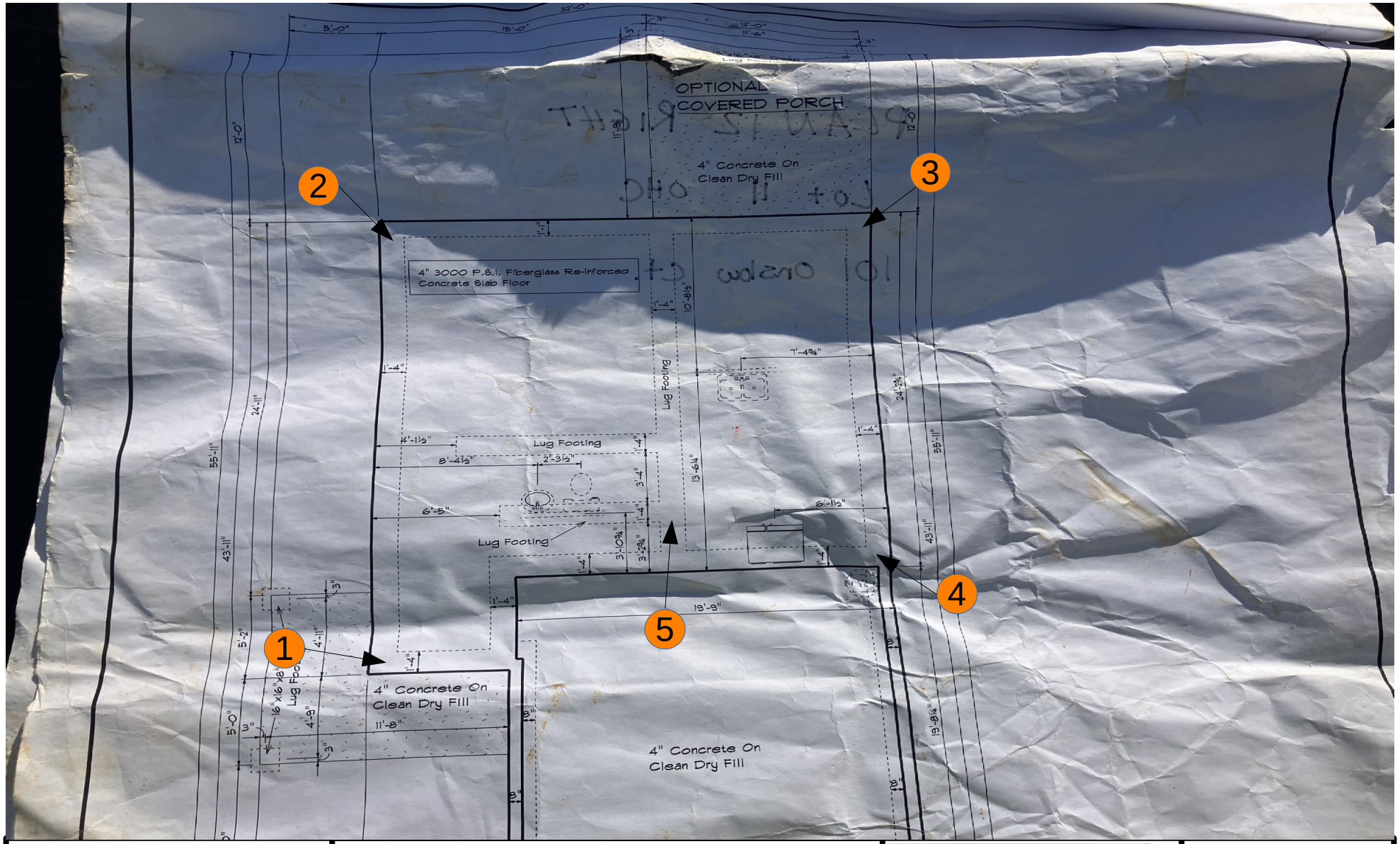
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for foundation footings. Please see the attached sketch and data sheet for details.

A total of 5 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 of 2,000 psf.

ECS will return, as requested, for additional services.

By Izayah MoRell Rutledge 1800



Izayah Rutledge
October 8, 2024
Onslow Ct Lot 11
P: 7062-C
WO: 80095

Key (NTS)
DCP Locations

#

NORTH

NC Registered Firm # F-1519

Report of Spread Footing - Foundation Observations

Project: Onslow Court- lot 11
Location: 101 Onslow Ct
Spring Lake - Cumberland - NC - 28390
Contractor: None Listed

Project No.: 33:7062-C
Day/Date: 10/8/2024

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	Southwest Corner	x x	x x	N/A	N/A		0:Tan Orange Sand -1,-2:Brown Clayey Sand -3:Brown Sandy Clay	6 0:7,11,12 -1:7,8,11 -2:10,10,11 -3:15+	2000
2	Northwest Corner	x x	x x	N/A	N/A		0:Tan Orange Sand -1,-2:Brown Clayey Sand -3:Brown Sandy Clay	6 0:10,12,10 -1:15+ -2:10,8,11 -3:15+	2000
3	Northeast Corner	x x	x x	N/A	N/A		0:Tan Orange Sand -1:Brown Clayey Sand -2:Brown Sandy Clay -3:Tan Sand	6 0:12,14,12 -1:7,7,6 -2:15+ -3:15+	2000
4	Southeast Corner	x x	x x	N/A	N/A		0:Orange Tan Sand -1:Brown Clayey Sand -2, -3:Tan Sand	6 0:6,5,7 -1:11,10,15 -2:15+ -3:15+	2000
5	Lug Footer	x x	x x	N/A	N/A		0:Orange Sand -1:Orange Brown Sand -2:Brown Clayey Sand -3:Tan Sand	6 0:8,6,5 -1:14,9,8 -2:13,15+ -3:15+	2000

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

By: Izayah MoRell Rutledge

ECS Southeast, LLC

WO: 80095

Attachments

2024-Oct-8 (20)

Figure 1

2024-Oct-8 (19)

Figure 2

Attachments

2024-Oct-8 (18)

Figure 3

2024-Oct-8 (17)

Figure 4

Attachments

2024-Oct-8 (16)

Figure 5

2024-Oct-8 (15)

Figure 6

Attachments

2024-Oct-8 (14)

Figure 7

2024-Oct-8 (13)

Figure 8

Attachments

2024-Oct-8 (12)

Figure 9

2024-Oct-8 (11)

Figure 10