



**ECS Southeast, LLC**

6151 Raeford Road, Suite A  
Fayetteville, NC 28304  
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**LETTER OF TRANSMITTAL**

May 09, 2024  
Homeowner Tom

Broadway, NC 27505  
ATTN: James Thomas Schumacher

RE: **Tom's Residential Lot Testing**  
ECS Job # **33:6869**

Permits:  
Location: **479 D.L. Phillips Lane**  
**Broadway, NC 27505**

Field Reports       For your use       As requested

CC:

ENCL: Field Report # 1      5/8/2024



**MAY 09 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 **Tom's Residential Lot Testing**  
 Location **Broadway, NC**  
 Client **Homeowner Tom**  
 Contractor **None Listed**

Project No. **33:6869**  
 Report No. **1**  
 Day & Date **Wednesday 5/8/2024**  
 Weather **74 °/ 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>9:00A</b>	<b>11:30A</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 observe and evaluate the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for garage stem wall backfill. Please see the attached sketch and data sheet for details.

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

While on site, ECS verified washed 57 stone was used to backfill the entryway and it appeared suitable to support the entryway structure.

ECS will return, as requested, for additional services.



Jemario Boykin  
05-08-2024  
Tom's Residential Lot  
Proj#: 6869  
WO# 77539

Key

# = Test Location



# Attachments



Figure 1



Figure 2

# Attachments



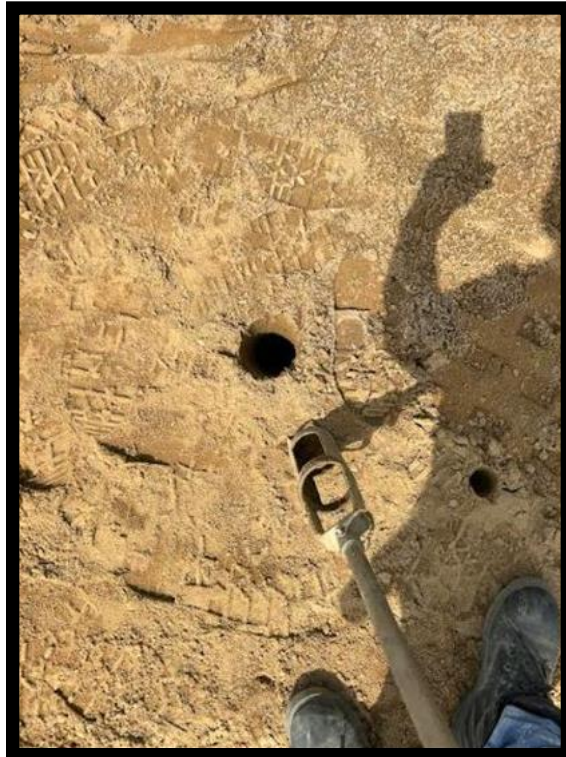
Figure 3



tom1

Figure 4

# Attachments



tom2

Figure 5



tom3

Figure 6



## Report of Spread Footing - Foundation Observations

Project: Tom's Residential Lot Testing  
 Location: 479 D.L. Phillips Lane  
 Broadway - Lee - NC - 27505  
 Contractor: None Listed

Project No.: 33:6869  
 Day/Date: 5/8/2024

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	hole 1	x x	x x	N/A	N/A		tan SAND (0/3)	6 (0)3,5,14(1)9,15,25+(2) 19,25+(3)25+	2000
2	hole 2	x x	x x	N/A	N/A		tan SAND (0/3)	6 (0)2,4,6(1)6,9,13(2) 23,25+(3)23,25+(4)25+	2000
3	hole 3	x x	x x	N/A	N/A		tan SAND (0/3)	6 (0)3,4,6(1)16,25+(2) 20,25+(3)25+(4)12,25+	2000

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

By: Jemario D Boykin

ECS Southeast, LLC

WO: 77539