



ECS Southeast, LLC

6151 Raeford Road, Suite A
Fayetteville, NC 28304
9104013288
9103230539

LETTER OF TRANSMITTAL

October 14, 2024
Carolina Construction Commercial & Residential of
Fayetteville
404 Hope Mills Road Suite B1
Fayetteville, NC 28304
ATTN: Ronnie Smith

RE: **Ray Road - Lot 1**
ECS Job # **33:7054-A**

Permits:
Location: **4955 Ray Road**
Spring Lake, NC 28390

CC: Carolina Construction Commercial & Residential of
Fayetteville - Samantha Hitchings

Carolina Construction Commercial & Residential of
Fayetteville - Walter Miller

ENCL: Field Report # 1 10/10/2024



OCT 14 2024

Jack Cowsert, P.E.
Office Manager

Ryan H. Parrish
CMT Group Supervisor

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 **Ray Road - Lot 1**
Location **Spring Lake, NC**
Client **Carolina Construction Commercial & Residential**
Contractor **Carolina Construction Commercial & Residential**

Project No. **33:7054-A**
Report No. **1**
Day & Date **Thursday 10/10/2024**
Weather **56 °/ Cloudy**
On-Site Time **1.50**
Lab Time **0.00**
Travel Time* **0.00**
Total **1.50**
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			8:15A	9:45A

* 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 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 footing subgrade 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.



Izayah Rutledge
 October 10, 2024
 Ray Road Lot 1
 P: 7054-A
 WO: 80190

Key (NTS)
 DCP Locations

#



NORTH



Report of Spread Footing - Foundation Observations

Project: Ray Road - Lot 1
 Location: 4955 Ray Road
Spring Lake - Harnett County - NC - 28390
 Contractor: Carolina Construction Commercial & Resid

Project No.: 33:7054-A
 Day/Date: 10/10/2024

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:Red Silty Sand -1:Red Black Sand - 2:Red Brown Sand -3:Brown Sand	6 0:4,7,8 -1:7,5,6 -2:15+ - 3:13,8,9	2000
2	Northwest Corner	x x	x x	N/A			0:Red Silty Sand -1,-2:Red Sand -3:Brown Sand	6 0:4,4,7 -1:2,6,7 -2:8,8,8 -3:8,8,9	2000
3	Northeast Corner	x x	x x	N/A			0:Red Silty Sand -1:Red Sand -2:Red Brown Sand - 3:Brown Sand	6 0:4,5,6 -1:3,4,7 - 2:13,9,9 -3:7,6,6	2000

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

By: Izayah MoReil Rutledge

ECS Southeast, LLC

WO: 80190

Attachments



2024-Oct-10 (3)

Figure 1



2024-Oct-10 (7)

Figure 2

Attachments



2024-Oct-10 (6)

Figure 3



2024-Oct-10 (5)

Figure 4

Attachments



2024-Oct-10 (4)

Figure 5