



ECS Southeast, LLC

6151 Raeford Road, Suite A

Fayetteville, NC 28304

T 910.401.3288

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LETTER OF TRANSMITTAL

September 26, 2025
Carolina Concrete & Landscaping Designs

Broadway, NC 27505
ATTN: Jessica Faircloth

RE: **Cool Springs Building**
ECS Job # **33:7529**

Permits:
Location: **5272 Cool Springs Road**
Broadway, NC 27505

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Field Reports

☒

For your use

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As requested

CC:

ENCL: Field Report # 1 9/25/2025



Jack Cowsert, P.E.
Office Manager

A handwritten signature of Robert T. Harrigan.

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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FIELD REPORT

Project **Cool Springs Building**
 Location **Broadway, NC**
 Client **Carolina Concrete & Landscaping Designs**
 Contractor **None Listed**

Project No. **33:7529**
 Report No. **1**
 Day & Date **Thursday 9/25/2025**
 Weather **90 °/ Sunny**
 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			10:00A	11:30A

* 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 preliminary foundation footings on a building pad. Please see the attached sketch and data sheet for details.

A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current footing sub grade elevation. The 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 2000 psf.

ECS will return upon request to provide additional services.



Mason Sullivan
9.25.25
Cool Springs Home
Proj #: 7529
W/O # 87460

Key (NTS)
DCP Locations



NORTH





Mason Sullivan
 9.25.25
 Cool Springs Home
 Proj #: 7529
 W/O # 87460

Key (NTS)

DCP Locations



NORTH





Report of Foundation Observations

Project: Cool Springs Building

Location: 5272 Cool Springs Road
Broadway - Lee - NC - 27505

ECS Project No. :

33:7529

Date:

9/25/2025

General Location: House footings

Footing Type: Continuous

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*	Number of Blows
			Design	Actual	Design	Actual**					
1	South East Corner	W	0' 0"	0' 0"			0' 0"		(-1/-4) Brown Silty Clay Sand	-1	15+
		D	0' 0"	0' 0"						-2	15+
		L	0' 0"	0' 0"						-3	15+
										-4	15+
2	South West Corner	W	0' 0"	0' 0"			0' 0"		(-1/-4) Brown Silty Clay Sand	-1	15+
		D	0' 0"	0' 0"						-2	15+
		L	0' 0"	0' 0"						-3	15+
										-4	15+
3	North West Corner	W	0' 0"	0' 0"			0' 0"		(-1/-4) Brown Silty Clay Sand	-1	15+
		D	0' 0"	0' 0"						-2	15+
		L	0' 0"	0' 0"						-3	15+
										-4	15+
4	North East Corner	W	0' 0"	0' 0"			0' 0"		(-1/-4) Brown Silty Clay Sand	-1	15+
		D	0' 0"	0' 0"						-2	15+
		L	0' 0"	0' 0"						-3	15+
										-4	15+

* Depth of DCP, or other methods of determining the soil stiffness

** Subgrade elevation reported by any means the contractor provided

By: Mason L Sullivan

ECS Southeast, LLC

WO: 87460