



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

September 15, 2025
 Caviness & Cates

Fayetteville, NC 28305
 ATTN: Jacob Beavers

RE: **Ducks Landing - Lot 101**
 ECS Job # **33:7513-C**

Permits:
 Location: **441 Black Duck Lane**
Lillington, NC 27546

☒ Field Reports ☒ For your use ☒ As requested

CC:

ENCL: Field Report # 1 9/15/2025



Jack Cowsert, P.E.
 Office Manager

SEP 15 2025

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.



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FIELD REPORT

Project **Ducks Landing - Lot 101**
 Location **Lillington, NC**
 Client **Caviness & Cates**
 Contractor **Caviness & Cates**

Project No. **33:7513-C**
 Report No. **1**
 Day & Date **Monday 9/15/2025**
 Weather **71 °/ Clear**
 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			10:45A	12:00P

* 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 the monolithic slab foundation footings. 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.



Report of Foundation Observations

Project:

Ducks Landing - Lot 101

Location:

441 Black Duck Lane
Lillington - Harnett - NC - 27546

ECS Project No. :

33:7513-C

Date:

9/15/2025

General Location:

441 Black Duck Lane, Lillington, NC 27546

Footing Type:

Spread

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		W	0' 0"	0' 0"			0' 0"		Brown soil	0	10,15+
		D	0' 0"	0' 0"						-1 brown sand	12,12,12
		L	0' 0"	0' 0"						-2 brown sand	7,7,9
										-3 brown sand	7,15+
2		W	0' 0"	0' 0"			0' 0"		Brown soil	0	6,10,10
		D	0' 0"	0' 0"						-1 brown sand	6,10,12
		L	0' 0"	0' 0"						-2 brown sand	15+
										-3 brown sand	15+
3		W	0' 0"	0' 0"			0' 0"		Brown soil	0	6,12,12
		D	0' 0"	0' 0"						-1 brown sand	7,9,9
		L	0' 0"	0' 0"						-2 brown sand	12,15+
										-3 brown sand	9,15+
4		W	0' 0"	0' 0"			0' 0"		Brown soil	0	9,11,13
		D	0' 0"	0' 0"						-1 brown sand	7,11,11
		L	0' 0"	0' 0"						-2 brown sand	6,7,8
										-3 brown sand	15+

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

** Subgrade elevation reported by any means the contractor provided

By:

Andrew N Gomez

ECS Southeast, LLC

WO: 87202