



ECS Southeast, LLC
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LETTER OF TRANSMITTAL

September 03, 2025
 Caviness & Cates

Fayetteville, NC 28305
 ATTN: Rico Allende

RE: **355 Hookbill Lane - Lot 25**
 ECS Job # **33:7022-W**

Permits:
 Location: **355 Hookbill Lane**
Lillington, NC 27546

☒ Field Reports ☒ For your use ☒ As requested

CC: Caviness & Cates - Cristian Lopez

Caviness & Cates - Gary Bill
 Caviness & Cates - Mike Sans

ENCL: Field Report # 1 9/2/2025



Jack Cowsert, P.E.
 Office Manager

SEP 03 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 **355 Hookbill Lane - Lot 25**
 Location **Lillington, NC**
 Client **Caviness & Cates**
 Contractor **Caviness & Cates**

Project No. **33:7022-W**
 Report No. **1**
 Day & Date **Tuesday 9/2/2025**
 Weather **70 °/ 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			9:00A	10:30A

* 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 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.



Harvey Sangster
 9/2/2025
 355 Hookbill Ln Lot 25
 Proj #: 7022-W
 W/O # 86907

Key

Excavated Foundation
 Location =



DCP Test Location =



NORTH





Report of Foundation Observations

Project: 355 Hookbill Lane - Lot 25
 Location: 355 Hookbill Lane
 Lillington - Harnett - NC - 27546

ECS Project No. : 33:7022-W
 Date: 9/2/2025

General Location: Foundation footing
 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	SW corner footing	W	0' 0"	0' 0"			0' 0"		(0/-1)Orange Clay Sand(-2) Tan Sand(-3)Tan Sand Clay	0	15+
		D	0' 0"	0' 0"						-1	15+
		L	0' 0"	0' 0"						-2	15+
										-3	10,10,10
2	NW corner of footings	W	0' 0"	0' 0"			0' 0"		(0)Orange Clay Sand(1/-2)Grey Sand(-3)Tan Sand Clay	0	15+
		D	0' 0"	0' 0"						-1	15+
		L	0' 0"	0' 0"						-2	15+
										-3	7,7,8
3	NE corner of footing	W	0' 0"	0' 0"			0' 0"		(0)Orange Clay Sand(1/-2)Grey Sand(-3)Tan Sand Clay	0	7,9,15+
		D	0' 0"	0' 0"						-1	11,11,15+
		L	0' 0"	0' 0"						-2	6,12,12
										-3	8,10,13
4	SE corner footing	W	0' 0"	0' 0"			0' 0"		(0/-1)Orange Clay Sand(-2/-3)Orange Sandy Clay	0	7,7,12
		D	0' 0"	0' 0"						-1	13,12,10
		L	0' 0"	0' 0"						-2	10,9,8
										-3	10,10,9

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

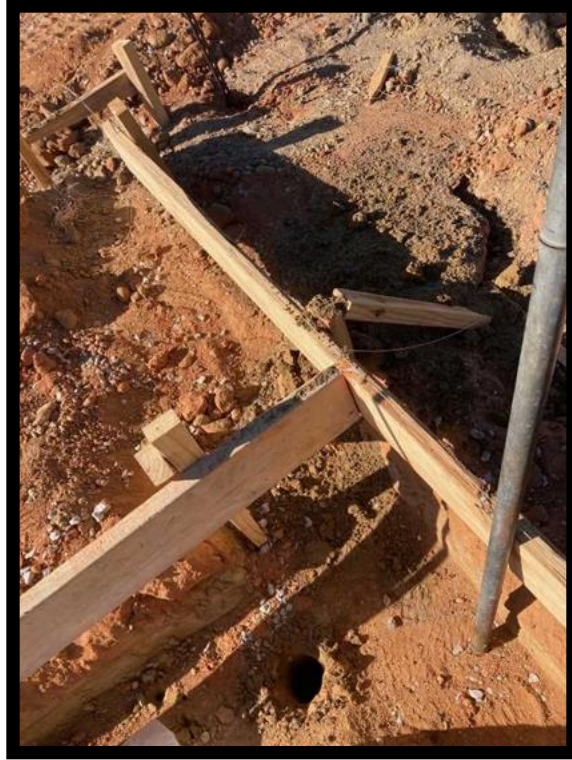
** Subgrade elevation reported by any means the contractor provided

By: Harvey Lamar Sangster

ECS Southeast, LLC

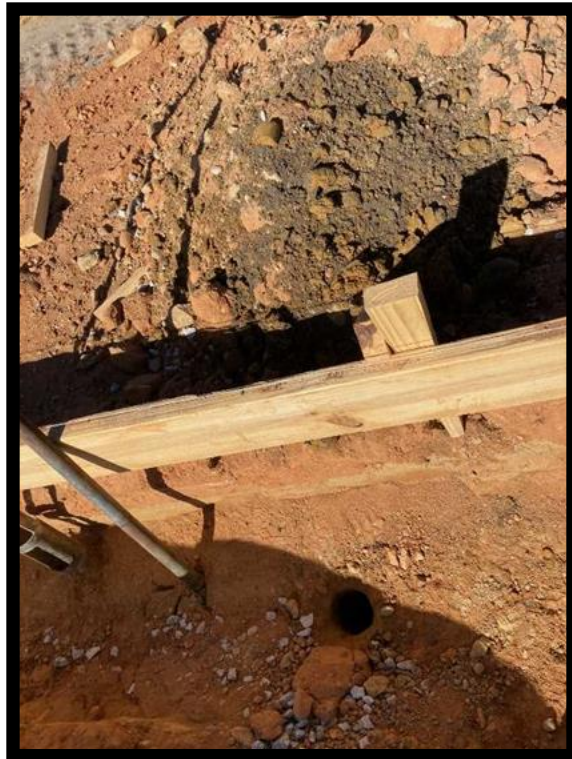
WO: 86907

Attachments



1

Figure 1



2

Figure 2

Attachments



3

Figure 3



4

Figure 4