



**ECS Southeast, LLC**  
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# LETTER OF TRANSMITTAL

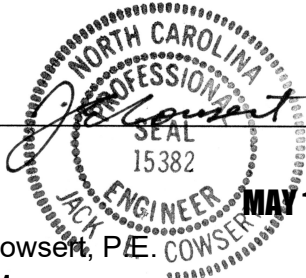
May 12, 2025  
 Terry Fitzpatrick- Self  
  
 Lillington, NC 27546  
 ATTN: Terry Fitzpatrick

RE: **Manor Hills Home**  
 ECS Job # **33:7350**  
  
 Permits:  
 Location: **769 Manor Hills Road**  
**Lillington, NC 27546**

☒ Field Reports ☒ For your use ☒ As requested

CC:

ENCL: Field Report # 1 5/9/2025



Jack Cowser, P.E.  
 Office Manager

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 **Manor Hills Home**  
 Location **Lillington, NC**  
 Client **Terry Fitzpatrick- Self**  
 Contractor **None Listed**

Project No. **33:7350**  
 Report No. **1**  
 Day & Date **Friday 5/9/2025**  
 Weather **73 °/ Cloudy**  
 On-Site Time **2.00**  
 Lab Time **0.00**  
 Travel Time\* **0.00**  
 Total **2.00**  
 Re Obs Time **0.00**

### Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>9:45A</b>	<b>11:45A</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 check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for monolithic slab. Please see the attached sketch and data sheet for details.

Using a hand auger and Dynamic Cone Penetrometer (ASTM STP-399), tests were performed at several locations and depths at the foundation locations listed above. Please see the attached sketch for test locations and data sheets for testing observations.

Test results indicated that the soils, at the locations and elevations tested did meet the minimum requirements outlined in the geotechnical report for a net allowable bearing pressure of 2,000 psf.

ECS will return, as requested, for additional services.





## Report of Foundation Observations

Project: Manor Hills Home  
 Location: 769 Manor Hills Road  
 Lillington - Harnett - NC - 27546

ECS Project No. : 33:7350  
 Date: 5/9/2025

General Location: 769 Manor Hills Rd  
 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	NE Corner	W	0' 0"	0' 0"			0' 0"		-1:Orange Sand - 2:Orange Brown Clayey Sand -3:Brown Clayey Sand -4:Brown Clay	-1	8,5,8
		D	0' 0"	0' 0"						-2	8,7,7
		L	0' 0"	0' 0"						-3	8,11,15
										-4	15+
2	NW Corner	W	0' 0"	0' 0"			0' 0"		-1:Orange Sand - 2:Orange Brown Clayey Sand -3:Brown Clayey Sand -4:Brown Sand	-1	7,8,11
		D	0' 0"	0' 0"						-2	11,7,7
		L	0' 0"	0' 0"						-3	5,4,7
										-4	5,5,8
3	SW Corner	W	0' 0"	0' 0"			0' 0"		-1:Orange Sand -2:Brown Clayey Sand -3:Brown Sand -4:Brown Clay	-1	8,6,6
		D	0' 0"	0' 0"						-2	15+
		L	0' 0"	0' 0"						-3	9,7,7
										-4	15+
4	SE Corner	W	0' 0"	0' 0"			0' 0"		-1:Brown Clayey Sand - 2:Brown Clay -3,-4:Brown Gray Clay	-1	11,15+
		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: Izayah MoRell Rutledge

ECS Southeast, LLC

WO: 84533



## Attachments



1

Figure 1



2

Figure 2



## Attachments



3

Figure 3



4

Figure 4

## Attachments



5

Figure 5