

Dream Finders Homes-Carolinas  
2919 Breezewood Avenue  
Suite 400  
Fayetteville, NC 28303

07/07/2025

Attention : Blake Dickerhoff  
Chris Adams

**RE:** Daily Field Report for 06/25/2025  
Lot 547 Creekside Oaks North (CMT) Lillington, NC  
Building & Earth Project No : RD250521

Ladies and Gentlemen:

On this date, representative(s) of Building & Earth were present to perform construction material testing services at this project site. Our testing and observations for this date include the following:

**FO-2** : Field Observations made on this date.

- Foundation Inspection
- Project Management Review

Passed  
Passed

**ST-3** : In place field density testing was performed for Finished Subgrade Soils -Building. The field density testing was performed in general accordance with ASTM D6938, using values from the laboratory proctors. One(1) in-place field density test was performed on this date. The testing results indicate that in-place compaction and moisture content at the location and depth tested meet or exceed the specified requirements outlined in the project plans and specifications. For additional details of our testing, please refer to the attached Field Density Test Report.

## Closing

**The testing and observations identified above have been reviewed by our project manager. If you have questions regarding this information, please do not hesitate to contact us.**

Respectfully Submitted,  
Building & Earth Sciences, LLP

**Enclosures** : FO-2, ST-3



*Rachael Heath*

## Field Observations Report

Project Name:	<b>Lot 547 Creekside Oaks North (CMT) Lillington, NC</b>	Project Number:	<b>RD250521</b>
Client Name:	<b>Dream Finders Homes-Carolinas</b>	Placement#:	<b>FO-2</b>
Contractor:	<b>Dream Finders Homes-Carolinas</b>	Technician:	<b>Noah Dudley</b>
Monitoring:	<b>Shallow Foundation Inspection</b>		

### 1 : Foundation Inspection

Passed

We arrived onsite to evaluate the building pad area for this residential lot. We understand the residence has been designed to be supported on a monolithic slab foundation. Upon arrival, the contractor had not finished excavating the footings. Our evaluation as documented in this report includes:

#### Future Footing Tests

Hand Rod Probing: Our representative performed hand rod probing of the surface of the building pad. Hand rod probing of the bearing material generally showed an average penetration of approximately 1 inch.

DCP Testing: Our representative performed Dynamic Cone Penetration (DCP) testing in general accordance with ASTM STP-399 at two representative locations to a depth of 36 inches. Our representative did not observe water within the DCP boreholes as noted below.

The following information provides the results of our hand auger borings and DCP testing:

#### Test 1: [Front Left Corner]

-- Depth----"N"-----Soil Color---USCS-----  
 --- FSG --- 15+ --- Brown -- -----CS -----  
 --- -1' --- 15+ --- Brown -----CS -----  
 --- -2' --- 15+ --- Tan ----- SP -----  
 --- -3' --- ----- Auger Refusal due to rock

### 2 : Project Management Review

Passed

On this date, our representatives returned to the site for re-testing. Based upon our re-testing, the recommended repairs have been accomplished, and the building pad is now acceptable for the construction of the foundations.

Additionally, inclement weather (rain or snow), as well as construction traffic across the pad, can compromise the stability and support characteristics of the surface soils. If the surface soils become compromised, it will be necessary to return to the site for re-testing. This decision should be executed by your onsite Quality Control and Superintendents.

## Field Observations Report

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Monitoring:	<b>Shallow Foundation Inspection</b>		

### Photographs

Picture ID	
110385	
110386	



ST-3

Test Date: 06/25/2025  
Field Technician: Noah Dudley  
Tests requested by: N/R  
Results provided to: N/R

### Report of Field Density Testing

Project Name: Lot 547 Creekside Oaks North (CMT)  
Lillington, NC  
Project Number: RD250521  
Project Location: Lillington, NC  
Client: Dream Finders Homes-Carolinas  
Contractor: Dream Finders Homes-Carolinas

Ambient Temperature: >90  
Weather: Sunny  
Wind Conditions: Breezy  
Results Provided To: N/R  
Superintendent: N/R

Notes: 1 Test location by technician  
2 Elevation by Technician  
3 Fill/backfill placed prior to technician arriving

### Design & Specification Data

Area ID	Area Description	Depth (ft)	Test Method	% Compaction	Moisture Range	
					Min	Max
FSG-Bldg	Finished Subgrade Soils -Building	0.0 - 2.0	ASTM D-698	95 %	- 10.0	+ 10.0

### Laboratory Proctors

Proctor ID	Description of Material	USCS/AASHTO	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
1-point			112.5	10.5%

### Density Test Data

Test #	IDs		Test Type	Location	Probe Depth (in)	Elev. (ft)	Dry Density(pcf)	% Moisture	% Compaction	Result
	Area	Proctor								
1	FSG-Bldg	1-point	ASTMD6938	Finished Subgrade Soils -Building : Front left corner of pad 10 feet right : 10 feet back	4	FSG	110.0	5.7	98%	PASS

Equipment Used: 60150-Troxler3430  
Last Calibration: 04/18/2025

Standard Counts: Density: 1600  
Moisture: 572