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

07/16/2025

Attention : Blake Dickerhoff
Chris Adams

RE: Daily Field Report for 07/16/2025
Lot 549 Creekside Oaks North (CMT) Lillington, NC
Building & Earth Project No : RD250523

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.
- Project Management Review — For Information Only

ST-4 : In place field density testing was performed for Finished Subgrade Soils -Building. The field density testing was performed in general accordance with ASTMD6938, 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-4

NORTH CAROLINA PROFESSIONAL SEAL 044287 ENGINEER RICHARD W. ENGATE JR.

Digitally signed by:
- Matthew Hunt Jr.
- 07/16/2025
- 14:30:41

Reviewed By

1027 US Highway 70 West
Garner, NC 27529
Phone 910-292-2085 Fax 910-292-2192
www.BuildingandEarth.com

Field Observations Report

Project Name:	**Lot 549 Creekside Oaks North (CMT) Lillington, NC**	Project Number:	**RD250523**
Client Name:	**Dream Finders Homes-Carolinas**	Placement#:	**FO-2**
Contractor:	**Dream Finders Homes-Carolinas**	Technician:	**Matthew Hunt Jr.**
Monitoring:			

1 : Project Management Review

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.

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Reviewed By

BUILDING & EARTH
Geotechnical, Environmental, and Materials Engineers

ST-4

Test Date: 07/16/2025
Field Technician: Hernan Perdomo
Tests requested by: N/R
Results provided to: N/R

Report of Field Density Testing

Project Name:	Lot 549 Creekside Oaks North (CMT) Lillington, NC	Ambient Temperature:	75-85
Project Number:	RD250523	Weather:	Sunny
Project Location:	Lillington, NC	Wind Conditions:	
Client:	Dream Finders Homes-Carolinas	Results Provided To:	N/R
Contractor:	Dream Finders Homes-Carolinas	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 (%)
19-0207-01	Clayey Sand (McDonald Pit)	SC	117.8	13.0%

Density Test Data

Test #	IDs		Test Type	Location	Probe Depth (in)	Elev. (ft)	Dry Density(pcf)	% Moisture	% Compaction	Result
	Area	Proctor								
1	FSG-Bldg	19-0207-01	ASTMD6938	Finished Subgrade Soils -Building : Front right Corner 14 E : 8 N	6	FSG	115.3	14.3	98%	PASS

Equipment Used: 19495-Troxler3430
Last Calibration: 04/24/2019

Standard Counts: Density: 1600
Moisture: 578

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Geotechnical, Environmental, and Materials Engineers

ST-4

Test Date: 07/16/2025
Field Technician: Hernan Perdomo
Tests requested by: N/R
Results provided to: N/R

Photographs

Picture ID	
111062	

Picture ID	
111063	

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Geotechnical, Environmental, and Materials Engineers

ST-4

Test Date: 07/16/2025
Field Technician: Hernan Perdomo
Tests requested by: N/R
Results provided to: N/R

Photographs

Picture ID	
111064	

Picture ID	
111065	

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