

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

04/29/2025

Attention : Blake Dickerhoff
Chris Adams

RE: Daily Field Report for 04/28/2025
Lot 77 Magnolia Ridge (CMT) Lillington, NC
Building & Earth Project No : RD250318

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

Passed

ST-4 : In place field density testing was performed for Finished Subgrade Soils -Building. The field density testing was performed in general accordance with ASTM D1556, 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



Rachael Heath

Reviewed By

Field Observations Report

Project Name:	Lot 77 Magnolia Ridge (CMT) Lillington, NC	Project Number:	RD250318
Client Name:	Dream Finders Homes-Carolinas	Placement#:	FO-2
Contractor:		Technician:	Hernan Perdomo
Monitoring:			

1 : 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.

Rachael Heath

Reviewed By



ST-4

Test Date: 04/28/2025
Field Technician: Stephen Monsees
Tests requested by: N/R
Results provided to: N/R

Report of Field Density Testing

Project Name: Lot 77 Magnolia Ridge (CMT) Lillington, NC Ambient Temperature: 60-80
Project Number: RD250318 Weather: Clear
Project Location: Lillington, NC Wind Conditions: Calm
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 (%)
1-point			120.7	6.8%

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	ASTMD1556	Finished Subgrade Soils -Building : Front right corner :		FSG	124.9	3.3	100+	PASS

Equipment Used:
Last Calibration:

Standard Counts: Density:
Moisture:

Rachael Heath

Reviewed By

Photographs

Picture ID

From Front

105799



Photographs

Picture ID

From Rear

105800

