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

08/14/2023

Attention : Eric Baxley
Steven King

RE: Daily Field Report for 08/10/2023
Lot 129 Oakmont Porch (CMT) Lillington, NC
Building & Earth Project No : RD230459

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:

ST-1 : 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 : ST-1

610 Spring Branch Road
Dunn, NC 28334
Phone 910-292-2085 Fax 910-292-2192
www.BuildingandEarth.com

Rachael Heath
Reviewed By

BUILDING & EARTH
Geotechnical, Environmental, and Materials Engineers

ST-1

Test Date: 08/10/2023
Field Technician: German Castro
Tests requested by: N/R
Results provided to: N/R

Report of Field Density Testing

Project Name:	Lot 129 Oakmont Porch (CMT) Lillington, NC	Ambient Temperature:	75-85
Project Number:	RD230459	Weather:	Partly Cloudy
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 Contractor
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 (%)
19-0112-01	Silty Sand	SM	117.5	9.5%

Density Test Data

Test #	IDs		Test Type	Location	Probe Depth (in)	Elev. (ft)	Dry Density(pcf)	% Moisture	% Compaction	Result
	Area	Proctor								
1	FSG-Bldg	19-0112-01	ASTMD6938	Finished Subgrade Soils -Building : Center of porch :	6	FSG	112.5	2.0	96%	PASS

Equipment Used: 30522-Troxler3430
Last Calibration: 00/00/0000

Standard Counts: Density: 1823
Moisture: 640

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