H & H Homes
2919 Breezewood Avenue
Suite 400
Fayetteville, NC 28303

06/07/2023

Attention : Eric Baxley
Steven King

RE: Daily Field Report for 06/07/2023
Lot 130 Oakmont Porch (CMT) Lillington, NC
Building & Earth Project No : RD230281

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

NORTH CAROLINA PROFESSIONAL SEAL 024482 ENGINEER KURT A. MILLER

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: 06/07/2023
Field Technician: Joseph McFalls
Tests requested by: Steven King
Results provided to: Not on site

Report of Field Density Testing

Project Name:	Lot 130 Oakmont Porch (CMT) Lillington, NC	Ambient Temperature:	75-85
Project Number:	RD230281	Weather:	Partly Cloudy
Project Location:	Lillington, NC	Wind Conditions:	Calm
Client:	H & H Homes	Results Provided To:	Not on site
Contractor:	H & H Homes	Superintendent:	Steven King

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			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	1-point	ASTMD6938	Finished Subgrade Soils -Building : Front Porch Center of Porch :		FSG	114.5	10.8	97%	PASS

Equipment Used: 33217-Troxler3430
Last Calibration: 00/00/0000

Standard Counts: Density: 1820
Moisture: 669

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Photographs

Picture ID	Lot Where Today's Testing was Performed
58285	

Picture ID	Porch Backfill-Screenings
58286	

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ST-1

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Photographs

Picture ID	Loose Fill at CMU Cells-Needs Repair
58287	

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