A & G Residential
916 Arsenal Ave
Suite B
Fayetteville, NC 28305

03/05/2021

Attention : Chad Stewart
Jamie Godwin

RE: Daily Field Report for 03/03/2021
Lot 22 Mitchell Manor (CMT) Neills Creek, NC
Building & Earth Project No : RD210098

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-3 : In place field density testing was performed for Finished Subgrade Soils -Building. The field density testing was performed in general accordance with ASTMD1556, using the results of field one-point as compared to the laboratory proctors. A total of 2 in-place field density tests were 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-3

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-3

Test Date: 03/03/2021
Field Technician: Ian Callaway
Tests requested by: N/R
Results provided to: N/R

Report of Field Density Testing

Project Name:	Lot 22 Mitchell Manor (CMT) Neills Creek, NC	Ambient Temperature:	43-57
Project Number:	RD210098	Weather:	Partly Cloudy
Project Location:	Neills Creek, NC	Wind Conditions:	Calm
Client:	A & G Residential	Results Provided To:	N/R
Contractor:	A & G Residential	Superintendant:	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 (%)
1-point			111.2	13.0%
1-point			113.0	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	1-point	ASTMD1556	Finished Subgrade Soils -Building : Back Porch :		FSG	112.7	11.5	100+	PASS
2	FSG-Bldg	1-point	ASTMD1556	Finished Subgrade Soils -Building : Front Porch :		FSG	108.3	12.1	96%	PASS

Equipment Used:
Last Calibration:
Standard Counts:
Density:
Moisture:

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