

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

12/22/2020

Attention : Brian West
 Jamie Godwin

RE: Daily Field Report for 12/22/2020
 Lot 4 Sierra Village (CMT) Spring Lake, NC
 Building & Earth Project No : RD200806

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 ASTM D6938, 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.

Comment 1 : Recommendations: The testing on this date met the compaction requirements. However, some areas throughout the pad were pumping and will need to aerate before the placement of concrete.

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



ST-3

Test Date: 12/22/2020
 Field Technician: James Johnson
 Tests requested by: N/R
 Results provided to: Brian West

Report of Field Density Testing

Project Name: Lot 4 Sierra Village (CMT) Spring Lake, NC Ambient Temperature: 32-50
 Project Number: RD200806 Weather: Clear
 Project Location: Spring Lake, NC Wind Conditions: Calm
 Client: A & G Residential Results Provided To: Brian West
 Contractor: A & G Residential 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 (%)
1-point			120.0	12.0%

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	ASTMD6938	Finished Subgrade Soils -Building : Retest of ST 2-1 from 12/17/2020 Right Front stem wall :	6	FSG	116.2	9.8	97%	PASS

Equipment Used: 33548-Troxler3430 Standard Counts: Density: 2244
 Last Calibration: 00/00/0000 Moisture: 669

Rachael Heath

Reviewed By



ST-3

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Comments

Comments

Recommendations: The testing on this date met the compaction requirements. However, some areas throughout the pad were pumping and will need to aerate before the placement of concrete.

Rachael Heath

Reviewed By

Photographs

Picture ID	Lot 4 FSG
25230	