

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

12/18/2020

Attention : Brian West  
                  Jamie Godwin

**RE:** Daily Field Report for 12/17/2020  
      Lot 5 Sierra Village (CMT) Spring Lake, NC  
      Building & Earth Project No : RD200807

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-2** : 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-2



*Rachael Heath*

Reviewed By

## Field Observations Report

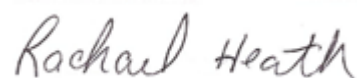
Project Name:	<b>Lot 5 Sierra Village (CMT) Spring Lake, NC</b>	Project Number:	<b>RD200807</b>
Client Name:	<b>A &amp; G Residential</b>	Placement#:	<b>FO-2</b>
Contractor:		Technician:	<b>Frank Hamlin</b>
Monitoring:			

### 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 placement of concrete. See attached soils report for compaction results.

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.



Reviewed By



**ST-2**

Test Date: 12/17/2020  
 Field Technician: Frank Hamlin  
 Tests requested by: N/R  
 Results provided to: N/R

**Report of Field Density Testing**

Project Name: Lot 5 Sierra Village (CMT) Spring Lake, NC      Ambient Temperature: 32-50  
 Project Number: RD200807      Weather: Mostly Sunny  
 Project Location: Spring Lake, NC      Wind Conditions: Calm  
 Client: A & G Residential      Results Provided To: N/R  
 Contractor: A & G Residential      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			120.0	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	ASTMD1556	Finished Subgrade Soils -Building : Front left corner stem wall :		FSG	119.6	12.4	100%	PASS

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

*Rachael Heath*

Reviewed By