

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

04/16/2021

Attention : Eric Baxley
Tim Adams

RE: Daily Field Report for 04/15/2021
Lot 128 Anderson Creek Academy ACA (CMT) Spring Lake, NC
Building & Earth Project No : RD210190

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-4 : 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 and ASTM D6938, using the results of field one-point as compared to the laboratory proctors. A total of 5 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 : FO-4, ST-2



Rachael Heath

Reviewed By

Field Observations Report

Project Name:	Lot 128 Anderson Creek Academy ACA (CMT) Spring Lake, NC	Project Number:	RD210190
Client Name:	H & H Homes	Placement#:	FO-4
Contractor:		Technician:	Bruce Rohr
Monitoring:			

1 : Project Management Review

Passed

On this date, our representatives returned to the site for testing. Based upon our testing, the recommended repairs have been accomplished, and the building pad is now acceptable for the construction of the foundations.

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: 04/15/2021
 Field Technician: Bruce Rohr
 Tests requested by: N/R
 Results provided to: Bobby Lockamy (Foreman)

Report of Field Density Testing

Project Name:	Lot 128 Anderson Creek Academy ACA (CMT) Spring Lake, NC	Ambient Temperature:	60-70
Project Number:	RD210190	Weather:	Overcast
Project Location:	Spring Lake, NC	Wind Conditions:	Calm
Client:	H & H Homes	Results Provided To:	Bobby Lockamy (Foreman)
Contractor:	H & H Homes	Superintendent:	N/R

- Notes:
- 1 Test location by technician
 - 2 Elevation by Technician
 - 3 Fill/backfill monitored by technician

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			117.0	12.7%

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 of lot 15LF from back : Center		-2'	110.0	6.4	94%	WAIVED
2	FSG-Bldg	1-point	ASTMD6938	Finished Subgrade Soils -Building : Correlation For information only :	6		108.0	6.7	92%	WAIVED
3	FSG-Bldg	1-point	ASTMD6938	Finished Subgrade Soils -Building : Back of Lot Test #1 Re-Test :	6	-2'	111.8	5.5	96%	PASS
4	FSG-Bldg	1-point	ASTMD6938	Finished Subgrade Soils -Building : Back right corner 20LF Left : 20LF Foreword		-1'	114.7	7.5	98%	PASS
5	FSG-Bldg	1-point	ASTMD6938	Finished Subgrade Soils -Building : Back left corner 15LF Right : 20LF Foreword	6	FSG	113.6	7.4	97%	PASS

Equipment Used: 28503-Troxler3430
 Last Calibration: 00/00/0000

Standard Counts: Density: 1749
 Moisture: 654

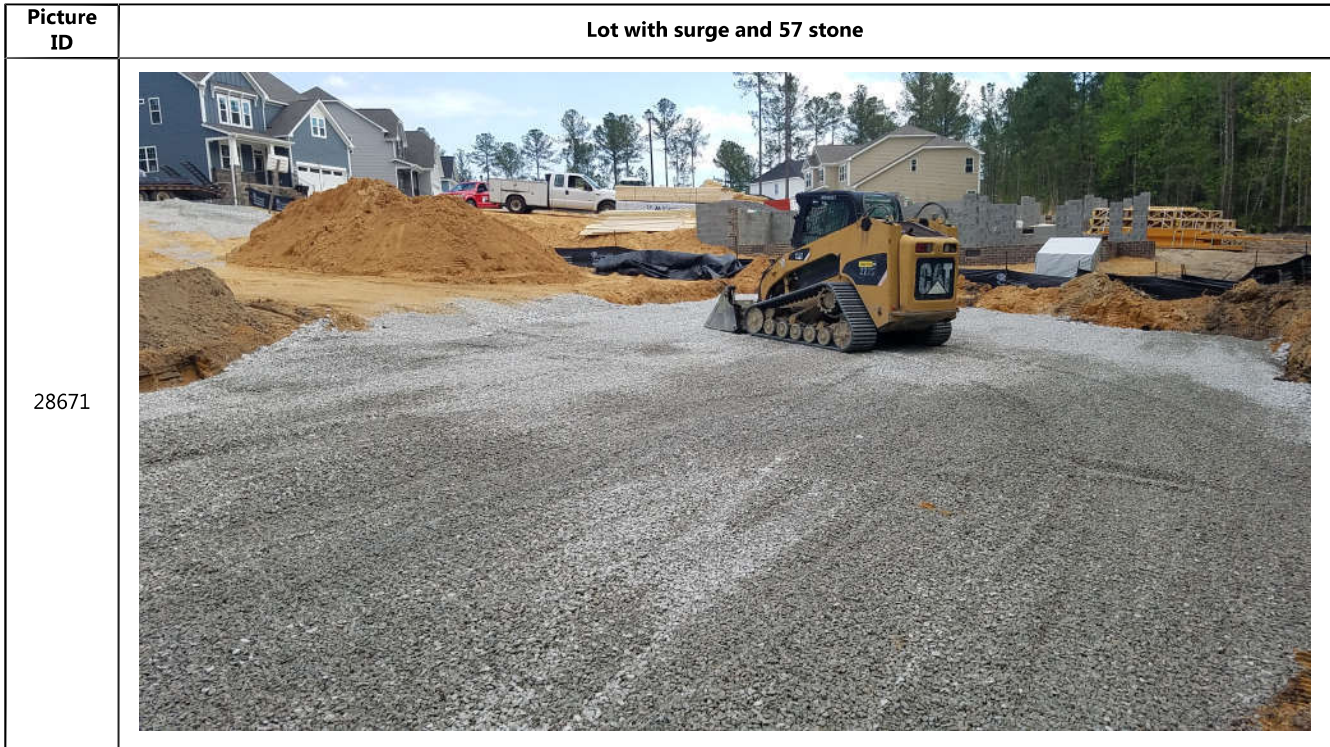
Rachael Heath

Reviewed By


Photographs



Photographs



Photographs

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