

Dream Finders Homes-Carolinas
2919 Breezewood Avenue
Suite 400
Fayetteville, NC 28303

06/19/2024

Attention : Blake Dickerhoff
Chris Adams

RE: Daily Field Report for 06/18/2024
Lot 405 Colonies at Lexington (CMT) Cameron, NC
Building & Earth Project No : RD240395

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

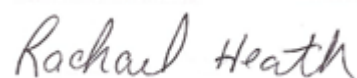
Project Name:	Lot 405 Colonies at Lexington (CMT) Cameron, NC	Project Number:	RD240395
Client Name:	Dream Finders Homes-Carolinas	Placement#:	FO-2
Contractor:		Technician:	Zachary Ethier
Monitoring:			

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.

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: 06/18/2024
 Field Technician: Zachary Ethier
 Tests requested by: N/R
 Results provided to: N/R

Report of Field Density Testing

Project Name: Lot 405 Colonies at Lexington (CMT) Cameron, NC
 Project Number: RD240395
 Project Location: Cameron, NC
 Client: Dream Finders Homes-Carolinas
 Contractor: Dream Finders Homes-Carolinas
 Ambient Temperature: 60-80
 Weather: Mostly Sunny
 Wind Conditions: Calm
 Results Provided To: N/R
 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			118.9	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 : Retest of ST-1		FSG	114.6	5.1	96%	PASS

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

Rachael Heath

Reviewed By

Photographs

