

Ben Stout Construction
1786 Metro Medical Drive
Fayetteville, NC 28304

07/18/2025

Attention : Cody Sharpless
David Webb
John Rice

RE: Daily Field Report for 07/15/2025
Lot 23 Ila's Way (CMT) Dunn, NC
Building & Earth Project No : RD250675

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

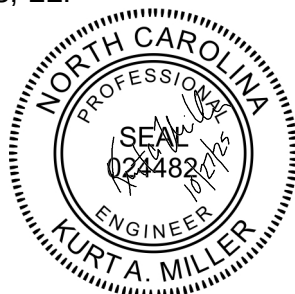
ST-2 : In place field density testing was performed for Finished Subgrade Soils -Building. The field density testing was performed in general accordance with ASTM D1556 and ASTM D6938, using the results of field one-point as compared to the laboratory proctors. A total of 2 in-place field density tests 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 : FO-2, ST-2



Rachael Heath

Field Observations Report

Project Name:	Lot 23 Ila's Way (CMT) Dunn, NC	Project Number:	RD250675
Client Name:	Ben Stout Construction	Placement#:	FO-2
Contractor:		Technician:	German Castro
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 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.



ST-2

Test Date: 07/15/2025
Field Technician: German Castro
Tests requested by: N/R
Results provided to: N/R

Report of Field Density Testing

Project Name: Lot 23 Ila's Way (CMT) Dunn, NC
Project Number: RD250675
Project Location: Dunn, NC
Client: Ben Stout Construction
Contractor: Ben Stout Construction

Ambient Temperature: 80-95
Weather: Cloudy
Wind Conditions: Calm
Results Provided To: N/R
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			116.0	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 : Center of Building pad :		FSG	110.5	8.5	95%	PASS
2	FSG-Bldg	1-point	ASTMD6938	Finished Subgrade Soils -Building : Correlation :	8	FSG	110.6	8.6	95%	PASS

Equipment Used: 19495-Troxler3430
Last Calibration: 04/24/2019

Standard Counts: Density: 1600
Moisture: 578

Rachael Heath

Photographs

Picture ID	Observation area
111018	