

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 24 Ila's Way (CMT) Dunn, NC  
Building & Earth Project No : RD250676

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 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.

## 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



## Field Observations Report

Project Name:	<b>Lot 24 Ila's Way (CMT) Dunn, NC</b>	Project Number:	<b>RD250676</b>
Client Name:	<b>Ben Stout Construction</b>	Placement#:	<b>FO-2</b>
Contractor:		Technician:	<b>German Castro</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 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 24 Ila's Way (CMT) Dunn, NC  
Project Number: RD250676  
Project Location: Dunn, NC  
Client: Ben Stout Construction  
Contractor: Ben Stout Construction

Ambient Temperature: 80-95  
Weather: Clear  
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	ASTMD6938	Finished Subgrade Soils -Building : Center of the Building pad :	8	FSG	112.7	9.6	97%	PASS

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

Standard Counts: Density: 1600  
Moisture: 578

*Rachael Heath*

**Photographs**

Picture ID	Observation area
111017	