

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

01/03/2024

Attention : Chad Stewart  
Jamie Godwin  
Jenn Wagner  
Tim Adams

**RE:** Daily Field Report for 12/22/2023  
Lot 7 Turlington Acres (CMT) Coats, NC  
Building & Earth Project No : RD230770

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



*Rachael Heath*

Reviewed By

## Field Observations Report

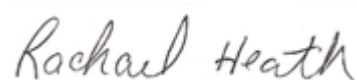
|               |   |                 |                      |
|---------------|---|-----------------|----------------------|
| Project Name: | <b>Lot 7 Turlington Acres (CMT) Coats, NC</b> | Project Number: | <b>RD230770</b>      |
| Client Name:  | <b>A &amp; G Residential</b>                  | Placement#:     | <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.



Reviewed By



ST-2

Test Date: 12/22/2023  
 Field Technician: German Castro  
 Tests requested by: N/R  
 Results provided to: N/R

**Report of Field Density Testing**

Project Name: Lot 7 Turlington Acres (CMT) Coats, NC      Ambient Temperature: 43-57  
 Project Number: RD230770      Weather: Clear  
 Project Location: Coats, 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 Contractor
  - 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    |                         |             | 123.1                     | 9.7%                         |

**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 | ASTMD6938 | Finished Subgrade Soils -Building :<br>Center of the building pad<br>: | 2                | FSG        | 119.6            | 7.6        | 97%          | PASS   |


Equipment Used: 33217-Troxler3430  
 Last Calibration: 00/00/0000

Standard Counts:      Density: 1817  
 Moisture: 662

*Rachael Heath*

Reviewed By

**Photographs**

| Picture ID | Field observation   |
|------------|---|
| 72241      |  |