

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

03/13/2023

Attention : Chad Stewart
 Jamie Godwin
 Jenn Wagner
 Lara McLaurin

RE: Daily Field Report for 03/09/2023
 Lot 45 Liberty Meadows (CMT) Cameron, NC
 Building & Earth Project No : RD230064

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-1 : Field Observations made on this date.

- Foundation Inspection- Crawl Space

For Information Only

Comment 1 : Based on our testing results, we recommend undercutting the footings an additional 2 feet below bottom of footings. Install a permanent french drain from the lowest corner that daylight below the undercut depth. Backfill with washed NCDOT #57 stone wrapped in filter fabric.

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-1

Field Observations Report

Project Name: Lot 45 Liberty Meadows (CMT) Cameron, NC	Project Number: RD230064
Client Name: A & G Residential	Placement#: FO-1
Contractor: A & G Residential	Technician: Michael Dammer
Monitoring: DCP	

1 : Foundation Inspection- Crawl Space

Our evaluation included hand rod probing and advancing hand auger with Dynamic Cone Penetrometer (DCP) testing. Based upon our hand rod probing, the soils are loose to a depth of 30 inches. To confirm these results, hand auger borings were advanced at 4 locations across the building envelope. At 12-inch increments in the hand auger boring, to a depth of 3 feet, Dynamic Cone Penetrometer (DCP) Testing was performed in accordance with ASTM STP-399. The following data was retrieved from this testing:

Test 1: Front Left Corner

```
-- Depth----"N"-----Soil Color---USCS-----Notes:
--- ESG -- 2 --- Dark Brown ----- SM -----
--- -1' --- 3 --- Light Tan ----- SC/SM -----
--- -2' --- 7 --- Light Tan ----- SC/SM ----- Note 3: Water encountered (at 2 feet)
--- -3' --- 8 --- Light Tan ----- SC/SM -----
```

Test 2: Front Right Corner

```
-- Depth----"N"-----Soil Color---USCS-----Notes:
--- ESG -- 2 --- Dark Brown ----- SM -----
--- -1' --- 3 --- Light Tan ----- SC/SM -----
--- -2' --- 5 --- Light Tan ----- SC/SM ----- Note 3: Water encountered (at 2 feet)
--- -3' --- 8 --- Light Tan ----- SC/SM -----
```

Test 3: Rear Right Corner

```
-- Depth----"N"-----Soil Color---USCS-----Notes:
--- ESG -- 1.5 --- Dark Brown ----- SM -----
--- -1' --- 2 ----- Light Tan ----- SC/SM ----- Note 2: Water encountered at 1 feet
--- -2' --- 5 ----- Light Tan ----- SC/SM -----
--- -3' --- 9----- Light Tan ----- SC/SM -----
```

Test 4: Rear Left Corner

```
-- Depth----"N"-----Soil Color---USCS-----Notes:
--- ESG -- 2 ----- Dark Brown ----- SM -----
--- -1' --- 1 ----- Light Tan ----- SC/SM ----- Note 2: Water encountered at 1 feet
--- -2' --- 3 ----- Orange ----- SC/SM -----
--- -3' --- 9 ----- Orange ----- SC/SM -----
```

*ESG = Existing Subgrade
 *FSG = Finished Subgrade

Rachael Heath

Reviewed By

Field Observations Report

Project Name:	Lot 45 Liberty Meadows (CMT) Cameron, NC	Project Number:	RD230064
Client Name:	A & G Residential	Placement#:	FO-1
Contractor:	A & G Residential	Technician:	Michael Dammer
Monitoring:	DCP		

Based on our testing results, we recommend undercutting the footings an additional 2 feet below bottom of footings. Install a permanent french drain from the lowest corner that daylight below the undercut depth. Backfill with washed NCDOT #57 stone wrapped in filter fabric.

Comments

Comment	Log Date	Log Time
Based on our testing results, we recommend undercutting the footings an additional 2 feet below bottom of footings. Install a permanent french drain from the lowest corner that daylight below the undercut depth. Backfill with washed NCDOT #57 stone wrapped in filter fabric.	03/13/2023	08:30:34

Rachael Heath

Reviewed By

Field Observations Report

Project Name:	Lot 45 Liberty Meadows (CMT) Cameron, NC	Project Number:	RD230064
Client Name:	A & G Residential	Placement#:	FO-1
Contractor:	A & G Residential	Technician:	Michael Dammer
Monitoring:	DCP		

Photographs



Rachael Heath

Reviewed By

Field Observations Report

Project Name: Lot 45 Liberty Meadows (CMT) Cameron, NC	Project Number: RD230064
Client Name: A & G Residential	Placement#: FO-1
Contractor: A & G Residential	Technician: Michael Dammer
Monitoring: DCP	

Photographs

Picture ID	
54138	
54139	

Rachael Heath

Reviewed By