



**ECS Southeast, LLP**

6151 Raeford Road, Suite A  
Fayetteville, NC 28304  
9104013288  
9103230539

**LETTER OF TRANSMITTAL**

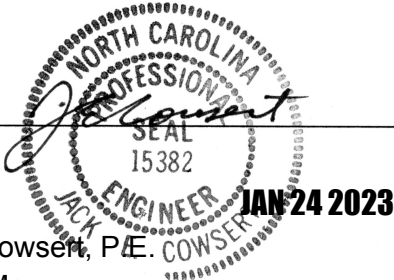
January 24, 2023  
Ben Stout Construction  
PO Box 53798  
Fayetteville, NC 28305  
ATTN: Robert Ivey

RE: **Liberty Meadows Lot 5**  
ECS Job # **33:6122-U**  
  
Permits:  
Location: **67 Wolcott Ct.**  
**Cameron, NC 28326**

Field Reports       For your use       As requested

CC:

ENCL: Field Report # 1      1/23/2023



Jack Cowser, P.E.  
Office Manager

Aaron Kyle Adair  
Team Leader

*Disclaimer*

1. This report (and any attachments) shall not be reproduced except in full without prior written approval of ECS.
2. The information in this report relates only to the activities performed on the report date.
3. Where appropriate, this report includes statements as to compliance with applicable project drawings, and specifications for the activities, performed on this report date.
4. Incomplete or non-conforming work will be reported for future resolution.
5. The results of samples and/or specimens obtained or prepared for subsequent laboratory testing will be presented in separate reports/documents.



ECS Southeast, LLP  
 6151 Raeford Road, Suite A  
 Fayetteville, NC 28304  
 (910) 401-3288 [Phone]  
 (910) 323-0539 [Fax]

## FIELD REPORT

Project **Liberty Meadows Lot 5**  
 Location **Cameron, NC**  
 Client **Ben Stout Construction**  
 Contractor **Ben Stout Construction**

Project No. **33:6122-U**  
 Report No. **1**  
 Day & Date **Monday 1/23/2023**  
 Weather **53 °/ Sunny**  
 On-Site Time **1.00**  
 Lab Time **0.00**  
 Travel Time\* **0.00**  
 Total **1.00**  
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>3:30P</b>	<b>4:30P</b>

\* Travel time and mileage will be billed in accordance with the contract.

**Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.**

ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for stem wall backfill. Please see the attached sketch and data sheet for details.

A hand auger was used to advance the boreholes to different depths noted on the boring logs. Dynamic Cone Penetrometer (DCP) test were performed in the hand auger boreholes by a 1.5 inch diameter cone driven into the soil by a 15 pound ring weight with a free fall of 20 inches. The number of blows required to drive the cone into the soil a distance of 1.75 inches is termed the DCP Value and is indicated for each test on the hand auger.

A total of 3 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current backfill subgrade elevation. Test results indicated that the materials in place (at the locations and elevations tested) did appear to be suitable to support the design bearing capacity 2,000 psf.

ECS will return upon request to provide additional services.





## Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 5  
 Location: 67 Wolcott Ct.  
 Cameron - Harnett - NC - 28326  
 Contractor: Ben Stout Construction

Project No.: 33:6122-U  
 Day/Date: 1/23/2023

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation		Description of Steel Placed	Description of Subgrade Material	Required Blow Counts	Design Bearing Pressure
		Design	Actual	Design **	Depth of Undercut (in)			# of Blows / Increment	
1	northwest area of stem wall backfill	x x	x x	N/A	N/A		(0/-1/-2)gray sand(-3)brown sand	6 (0)6,7,7(-1)14,22,24(-2) 11,14,13(-3)25+	2000
2	northeast area of stem wall backfill	x x	x x	N/A	N/A		(0)gray sand(-1) brown sand(-2/-3)tan sand	6 (0)6,11,11(-1)11,22,24(-2) 25+(-3)17,25+	2000
3	southwest area of stem wall backfill	x x	x x	N/A	N/A		(0)gray sand(-1/-2/-3)tan sand	6 (0)6,6,9(-1)15,17,22(-2) 8,13,25+(-3)25+	2000

\*\* SGE: Subgrade Elevation to be determined by surveyor.

By: Andrew Wiggs

ECS Southeast, LLP

WO: 70587