



**ECS Southeast, LLP**

6151 Raeford Road, Suite A  
Fayetteville, NC 28304  
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**LETTER OF TRANSMITTAL**

August 29, 2023  
Precision Custom Homes

Raeford, NC 28376  
ATTN: Shaun Gardner

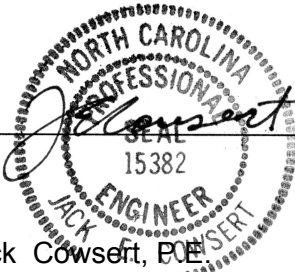
RE: **Liberty Meadows Lot 35**  
ECS Job # **33:6442-K**

Permits:  
Location: **16 Hancock Ct**  
**Cameron, NC 28326**

Field Reports       For your use       As requested

CC: Precision Custom Homes - Allen Peterson      Precision Custom Homes - Lauren Ceruti

ENCL: Field Report # 1      8/28/2023



**AUG 29 2023**

Jack Cowser, PE  
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.



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# FIELD REPORT

Project **Liberty Meadows Lot 35**  
Location **Cameron, NC**  
Client **Precision Custom Homes**  
Contractor **Precision Custom Homes**

Project No. **33:6442-K**  
Report No. **1**  
Day & Date **Monday 8/28/2023**  
Weather **80 °/ Sunny**  
On-Site Time **1.50**  
Lab Time **0.00**  
Travel Time\* **0.00**  
Total **1.50**  
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>11:30A</b>	<b>1:00P</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 (ASTM STP-399) for the proposed monolithic slab foundation. The footings have not been excavated. Please see the attached sketch and data sheet for details.

A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current footing sub grade 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.



Sulaiman Sharieff  
8/28/2023  
Liberty Meadows lot 35  
Proj #: 6442-K  
W/O # 73880

**Key (NTS)**  
DCP Location

#



NORTH



# Attachments



Im 35

Figure 1



## Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 35  
 Location: 16 Hancock Ct  
Cameron - Moore - NC - 28326  
 Contractor: Precision Custom Homes

Project No.: 33:6442-K  
 Day/Date: 8/28/2023

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	South East	x x	x x	N/A	0,-1,-2,-3		(0,-1)orange sandy clay (-2) brown sand (-3) orange clay	6 (0)12-16-17 (-1)15-15-18 (-2)17-18-21 (-3)25+	2000
2	South West	x x	x x	N/A	0,-1,-2,-3		(0,-1) orange sandy clay (-2) brown sand (-3) orange clay	6 (0)11-10-13 (-1)10-12-11 (-2)12-10-9 (-3)12-14-15	2000
3	North West	x x	x x	N/A	0,-1,-2,-3		(0)orange sandy clay (-1) brown sand(-2,-3)grey sand	6 (0)9-11-11(-1) 12-15-13 (-2)15-14-13 (-3)12-9-9	2000
4	North East	x x	x x	N/A	0,-1,-2,-3		(0)orange sandy clay(-1) brown sand(-2,-3) grey sand	6 (0)9-8-8 (-1)12-13-15 (-2)14-12-13(-3)9-7-7	2000

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

By: Sulaiman Sharieff

ECS Southeast, LLP

WO: 73880