



**ECS Southeast, LLC**

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

January 4, 2024  
Precision Custom Homes

Raeford, NC 28376  
ATTN: Shaun Gardner

RE: **Liberty Meadows Lot 63**  
ECS Job # **33:6442-S**

Permits:  
Location: **57 Rush Lane**  
**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      1/3/2024



**JAN 04 2024**

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, LLC  
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## FIELD REPORT

Project **Liberty Meadows Lot 63**  
Location **Cameron, NC**  
Client **Precision Custom Homes**  
Contractor **Precision Custom Homes**

Project No. **33:6442-S**  
Report No. **1**  
Day & Date **Wednesday 1/3/2024**  
Weather **47 °/ Cloudy**  
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 (ASTM STP-399) for the 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 of 2,000 psf.

ECS will return, as requested, for additional services.



Chris Johnson  
1/3/2023  
Liberty Meadows Lot 63  
Proj #: 6442-S  
W/O # 75784

**Key (NTS)**  
DCP Test Location



NORTH



## Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 63  
 Location: 57 Rush Lane  
 Cameron - Moore - NC - 28326  
 Contractor: Precision Custom Homes

Project No.: 33:6442-S  
 Day/Date: 1/3/2024

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	front right of pad if facing from road	x x	x x	N/A	N/A		(0,-1)red sandy clay (-2,-3)grey sand	6 (0)5,6,6 (-1)4,6,9 (-2)6,7,9 (-3)7,10,13	2000
2	rear right of pad if facing from road	x x	x x	N/A	N/A		(0,-1)red sandy clay (-2)grey sand (-3)tan sand	6 (0)6,7,7 (-1)8,11,16 (-2)15,17,21 (-3)16,22,21	2000
3	rear left of pad if facing from road	x x	x x	N/A	N/A		(0)red sandy clay (-1,-2)grey sand (-3)tan sand with trace of grey sand	6 (0)5,7,9 (-1)7,10,13 (-2)8,11,14 (-3)13,16,24	2000
4	front left of pad if facing from road	x x	x x	N/A	N/A		(0)red sandy clay (-1)grey silty sand (-2)grey silty sand with trace of tan sand (-3)tan sand	6 (0)3,7,10 (-1)8,9,14 (-2)14,17,19 (-3)16,17,23	2000

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

By: Christopher H Johnson

ECS Southeast, LLC

WO: 75784