



**ECS Southeast, LLP**

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**LETTER OF TRANSMITTAL**

October 12, 2023  
Precision Custom Homes

Raeford, NC 28376  
ATTN: Shaun Gardner

RE: **Liberty Meadows Lot 57**  
ECS Job # **33:6442-M**

Permits:  
Location: **54 Rush Rd**  
**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      10/12/2023

Jack Cowsert, 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.



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# FIELD REPORT

Project **Liberty Meadows Lot 57**  
Location **Cameron, NC**  
Client **Precision Custom Homes**  
Contractor **Precision Custom Homes**

Project No. **33:6442-M**  
Report No. **1**  
Day & Date **Thursday 10/12/2023**  
Weather **60 °/ Rain**  
On-Site Time **2.50**  
Lab Time **0.00**  
Travel Time\* **0.00**  
Total **2.50**  
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>7:00A</b>	<b>9:30A</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 (ASTM STP-399) method for the monolithic slab foundation. 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 for further testing.





<p>Chris Johnson 10/12/2023 Liberty Meadows Lot 57 Proj #: 6442-M W/O # 74704</p>	<p><b>Key (NTS)</b> DCP Test Location #</p>		<p>NORTH</p>
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## Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 57

Project No.: 33:6442-M

Location: 54 Rush Rd  
Cameron - Moore - NC - 28326

Day/Date: 10/12/2023

Contractor: Precision Custom Homes

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 corner of pad facing from road	x x	x x	N/A	N/A		(0)red sand with trace of clay (-1, -2, -3)tan silty sand	6	(0)2,10,16 (-1)2,12,6 (-2)8,10,20 (-3)10,25+	2000
2	front left corner of pad facing from road	x x	x x	N/A	N/A		(0,-1)red sand with trace of clay (-2,-3)tan sand with trace of clay	6	(0)6,4,5 (-1)8,13,8 (-2)13,11,7 (-3)17,13,8	2000
3	rear left corner of pad facing from road	x x	x x	N/A	N/A		(0,-1)red sand with trace of clay (-2,-3)tan sand with trace of clay	6	(0)5,11,18 (-1)5,12,10 (-2)2,3,8 (-3)14,10,14	2000
4	rear right corner of pad facing from road	x x	x x	N/A	N/A		(0)red sand with trace of clay (-1, -2)greyish brown silty sand (-3)tan sand	6	(0)6,3,6 (-1)6,6,6 (-2)9,8,8 (-3)9,10,12	2000

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

By: Christopher H Johnson

ECSSoutheast, LLP

WO: 74704