



**ECS Southeast, LLC**

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

October 18, 2024  
Precision Custom Homes

Raeford, NC 28376  
ATTN: Shaun Gardner

RE: **Liberty Meadows Lot 71**  
ECS Job # **33:6442-A9**

Permits:  
Location: **573 Solomon Dr.**  
**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      10/16/2024



**OCT 18 2024**

Jack Cowsert, P.E.  
Office Manager

Javonte Keimo Isaac, E.I.T.  
Construction Materials Project Manager

*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 71**  
 Location **Cameron, NC**  
 Client **Precision Custom Homes**  
 Contractor **Precision Custom Homes**

Project No. **33:6442-A9**  
 Report No. **1**  
 Day & Date **Wednesday 10/16/2024**  
 Weather **70 °/ 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>4:00P</b>	<b>5:30P</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 Representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for proposed home lot prior to footing excavations. 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 subgrade elevation. Based on the test results, in general 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 did observe soft conditions on the northeast and southeast corners of the proposed lot at the current subgrade elevation. ECS recommends removing 1' of material in these areas and replacing with suitable structural fill.

ECS will return, as requested, to perform additional services.





## Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 71  
 Location: 573 Solomon Dr.  
 Cameron - Moore - NC - 28326  
 Contractor: Precision Custom Homes

Project No.: 33:6442-A9  
 Day/Date: 10/16/2024

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	SW corner of pre-excavated footing	x x	x x	N/A	N/A		(0/-1)Orange Sandy CLAY (-2/-3)Tanish Brown SAND	6 (0)5,4,3(-1)8,8,6(-2) 4,2,2(-3)6,6,8	2000
2	NW corner of pre-excavated footing	x x	x x	N/A	N/A		(0)Orange Sandy CLAY(-1) Tan SAND(-2/-3)Orange Sandy CLAY	6 (0)5,4,3(-1)8,8,6(-2) 4,2,2(-3)6,6,8	2000
3	NE corner of pre-excavated footing	x x	x x	N/A	N/A		(0/-1)Orange Sandy CLAY(-2) Aug refusal(-3) Tan SAND	6 (0)1,2,1(-1)4,5,5(-2) 11,11,11(-3)11,10,10	2000
4	SE corner of pre-excavated footing	x x	x x	N/A	N/A		(0/-1)Orange Sandy CLAY(-2/-3)Tanish Brown SAND	6 (0)1,1,1(-1)6,5,5(-2) 5,6,6(-3)9,7,8	2000

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

By: Harvey Lamar Sangster

ECS Southeast, LLC

WO: 80209

# Attachments



2024-10-16aa

Figure 1



2024-10-16bb

Figure 2



# Attachments



2024-10-16cc

Figure 3



2024-10-16dd

Figure 4