



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 62**
ECS Job # **33:6442-R**

Permits:
Location: **83 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 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.



ECS Southeast, LLC
6151 Raeford Road, Suite A
Fayetteville, NC 28304
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FIELD REPORT

Project **Liberty Meadows Lot 62**
Location **Cameron, NC**
Client **Precision Custom Homes**
Contractor **Precision Custom Homes**

Project No. **33:6442-R**
Report No. **1**
Day & Date **Wednesday 1/3/2024**
Weather **47 °/ Cloudy**
On-Site Time **0.75**
Lab Time **0.00**
Travel Time* **0.00**
Total **0.75**
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			2:45P	3:30P

* 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 62
Proj #: 6442-R
W/O # 75783

Key (NTS)
DCP Test Location



NORTH



Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 62
 Location: 83 Rush Lane
 Cameron - Moore - NC - 28326
 Contractor: Precision Custom Homes

Project No.: 33:6442-R
 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 side of lot if facing from road	x x	x x	N/A			(0)red sandy clay (-1,-2) black/grey sand (-3)tan sand	6 (0)4,5,6 (-1)3,7,9 (-2) 5,7,9 (-3)5,8,10	2000
2	rear right side of lot if facing from road	x x	x x	N/A	N/A		(0)red sandy clay (-1,-2)grey sand with trace of tan sand (-3)tan sand	6 (0)9,7,8 (-1)15,13,14 (-2)21,18,23 (-3)16,20,21	2000
3	rear left side of lot if facing from road	x x	x x	N/A	N/A		(0)red sandy clay (-1)black/grey sand (-2,-3)grey sand	6 (0)9,10,10 (-1)7,10,12 (-2)6,11,8 (-3)12,14,17	2000
4	front left side of lot if facing from road	x x	x x	N/A	N/A		(0)red sandy clay (-1)grey sand (-2)tan sand with trace of grey sand (-3)tan sand	6 (0)5,6,5 (-1)8,9,12 (-2)16,12,15 (-3)8,12,13	2000

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

By: Christopher H Johnson

ECS Southeast, LLC

WO: 75783