



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

October 17, 2023
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

RE: **Liberty Meadows Lot 56**
ECS Job # **33:6442-N**

Permits:
Location: **34 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 10/16/2023

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.



ECS Southeast, LLP
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 Fayetteville, NC 28304
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FIELD REPORT

Project **Liberty Meadows Lot 56**
 Location **Cameron, NC**
 Client **Precision Custom Homes**
 Contractor **Precision Custom Homes**

Project No. **33:6442-N**
 Report No. **1**
 Day & Date **Monday 10/16/2023**
 Weather **62 °/ Sunny**
 On-Site Time **1.25**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **1.25**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			1:00P	2:15P

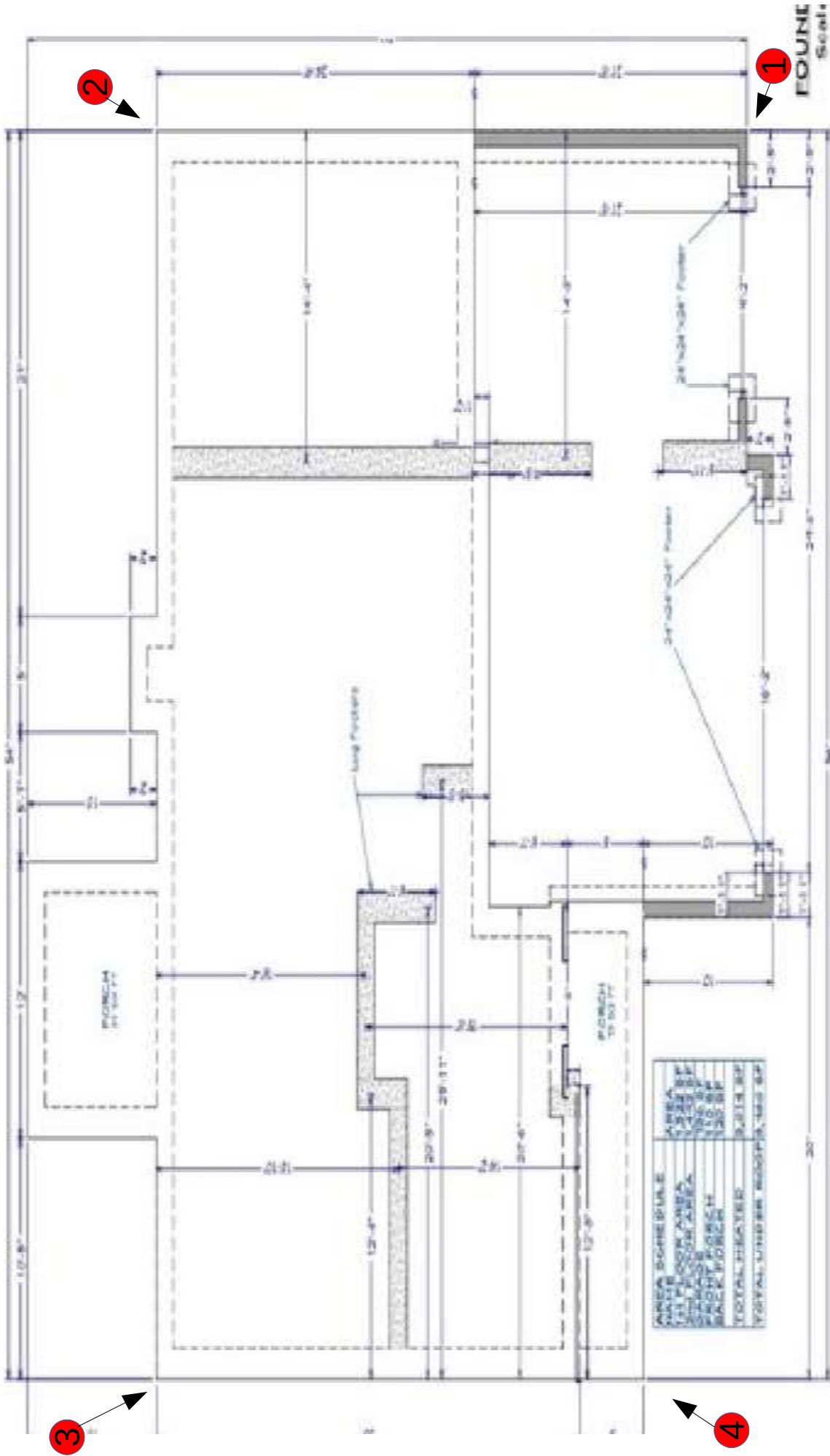
* Travel time and mileage will be billed in accordance with the contract.

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 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.



NORTH



Key (NTS)
DCP Test Location #

Chris Johnson
10/16/2023
Liberty Meadows Lot 56
Proj #: 6442-N
W/O # 74730



Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 56
 Location: 34 Rush Rd
 Cameron - Moore - NC - 28326
 Contractor: Precision Custom Homes

Project No.: 33:6442-N
 Day/Date: 10/16/2023

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	Front right corner of pad facing from road	x x	x x	N/A	N/A		(0,-1)red sand with traces of clay (-2,-3)tan silty sand with traces of tan clay	6	(0)3,4,4 (-1)2,8,10 (-2)4,6,10 (-3)4,20,25+	2000
2	Rear right corner of pad facing from road	x x	x x	N/A	N/A		(0)red clayish sand (-1,-2,-3)tan silty sand with traces of tan clay	6	(0)4,5,4 (-1)4,6,7 (-2)6,8,16 (-3)1,15,24	2000
3	Rear left corner of pad facing from road	x x	x x	N/A	N/A		(0,-1)red clayish sand (-2,-3)tan sand with traces of tan clay	6	(0)5,4,5 (-1)6,7,9 (-2)4,11,19 (-3)9,13,17	2000
4	Front left corner of pad facing from road	x x	x x	N/A	N/A		(0,-1)red clayish sand with traces of white clay (-2,-3)tan sand with traces of tan clay	6	(0)5,6,6 (-1)3,5,5 (-2)7,10,17 (-3)14,21,20	2000

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

By: Christopher H Johnson

ECS Southeast, LLP

WO: 74730