



ECS Southeast, LLC

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Fayetteville, NC 28304
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LETTER OF TRANSMITTAL

May 08, 2024
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

RE: **Liberty Meadows Lot 76**
ECS Job # **33:6442-A1**

Permits:
Location: **475 Solomon Drive**
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 5/8/2024



MAY 08 2024

Jack Cowser, P.E.
Office Manager

Aaron Kyle Adair
CMT Senior Project Coordinator

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 76**
Location **Cameron, NC**
Client **Precision Custom Homes**
Contractor **Precision Custom Homes**

Project No. **33:6442-A1**
Report No. **1**
Day & Date **Wednesday 5/8/2024**
Weather **74 °/ Cloudy**
On-Site Time **1.75**
Lab Time **0.00**
Travel Time* **0.00**
Total **1.75**
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			8:15A	10:00A

* 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 (ASTM STP-399) for monolithic slab foundation. 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 4 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.

Attachments



2024-May-8 (1)

Figure 1



2024-May-8 (10)

Figure 2

Attachments



2024-May-8 (11)

Figure 3



2024-May-8 (12)

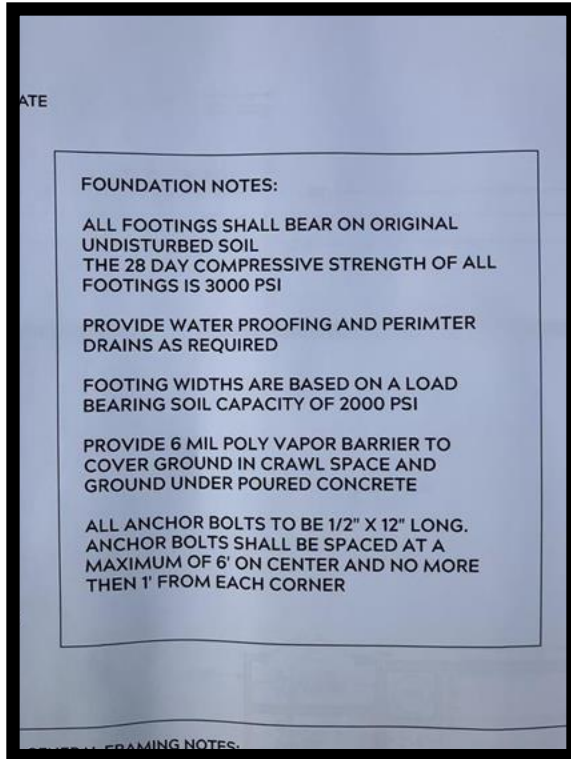
Figure 4

Attachments



2024-May-8 (13)

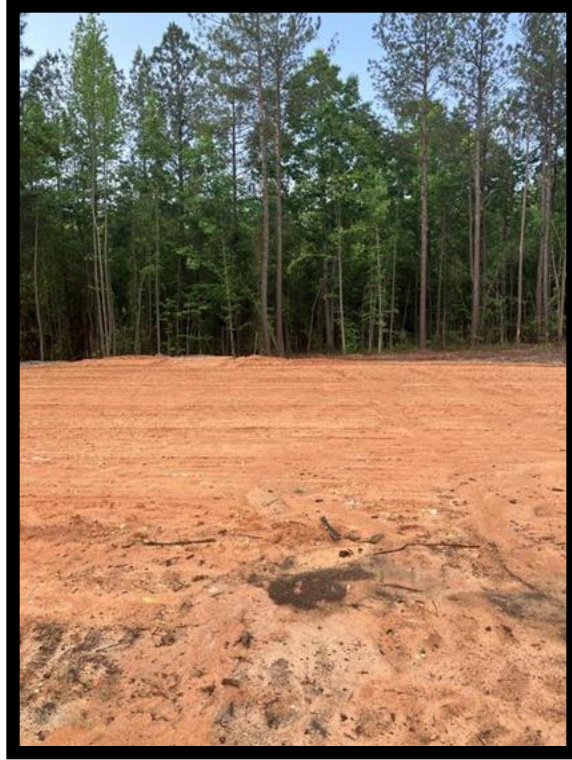
Figure 5



2024-May-8 (3)

Figure 6

Attachments



2024-May-8 (4)

Figure 7



2024-May-8 (5)

Figure 8

Attachments



2024-May-8 (6)

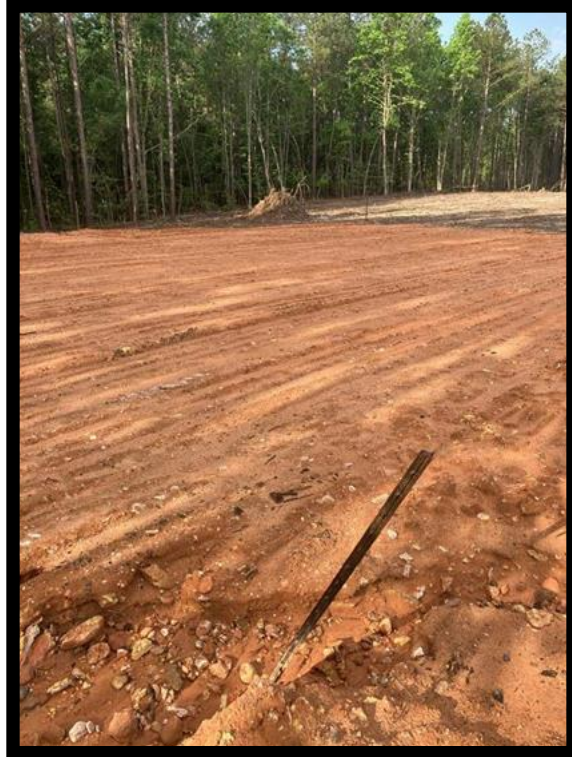
Figure 9



2024-May-8 (7)

Figure 10

Attachments



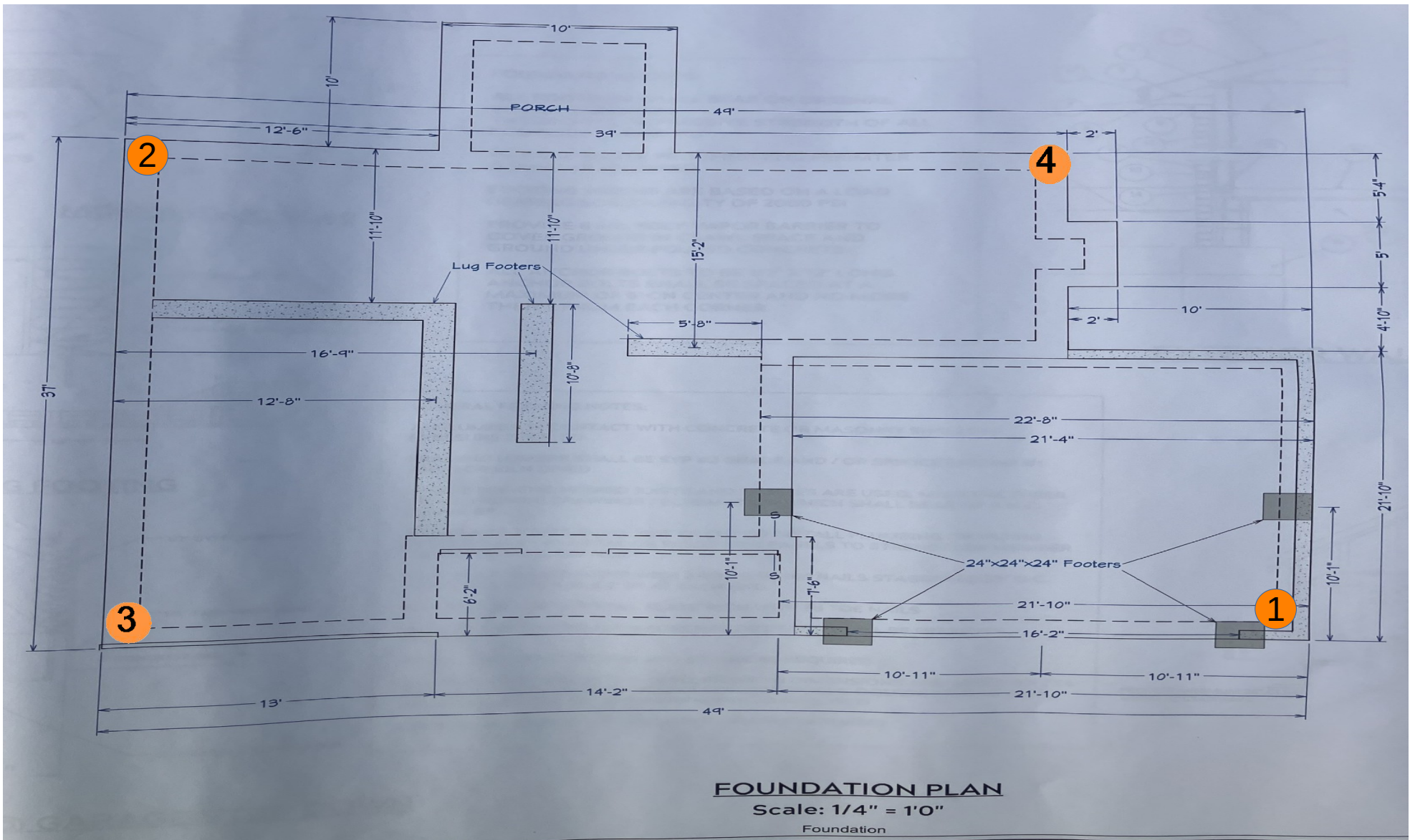
2024-May-8 (8)

Figure 11



2024-May-8 (9)

Figure 12



Izayah Rutledge
 May 8, 2024
 475 Solomon Dr
 P: 6442-A1
 WO: 77499

Key (NTS)
 DCP Locations

#



NORTH

↑



Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 76
 Location: 475 Solomon Drive
Cameron - Moore - NC - 28326
 Contractor: Precision Custom Homes

Project No.: 33:6442-A1
 Day/Date: 5/8/2024

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	x x	x x	0.0			(0)Orange Sand ;(-1,-2,-3,-4)Brown Clay Sand	6 (0)6,5,8;(-1)8,6,8;(-2)6,6,8;(-3)9,9,9(-4)20,17,16	2000
2	Back Left	x x	x x	0.0			(0)Orange Sand ;(-1,-2) Orange Sand with Clay ;(-3,-4)Brown Sand with Clay	6 (0)5,4,4;(-1)4,5,5;(-2)9,5,5;(-3)4,4,3(-4)13,10,15	2000
3	Front Left	x x	x x	0.0			(0)Orange Sand ;(-1,-2,-3,-4)Brown clay sand	6 (0)6,5,8;(-1)8,6,8;(-2)9,6,8;(-3)12,9,9(-4)9,17,16	2000
4	Back Right	x x	x x	0.0			(0)Orange Sand ;(-1,-2) Orange Sand with trace Clay ; (-3,-4)brown clay sand	6 (0)6,5,8;(-1)8,6,8;(-2)5,6,8;(-3)6,9,9(-4)13,10,15	2000

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

By: Izayah MoReil Rutledge

ECS Southeast, LLC

WO: 77499