



ECS Southeast, LLP

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

May 12, 2023
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

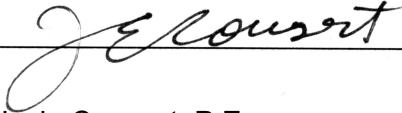
RE: **Liberty Meadows Lot 43**
ECS Job # **33:6442-B**

Permits:
Location: **303 Solomon**
Cameron, NC 28326

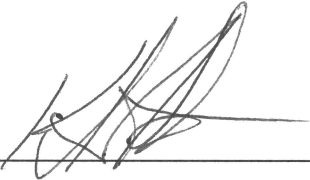
Field Reports For your use As requested

CC: Precision Custom Homes - Allen Peterson Precision Custom Homes - Lauren Ceruti

ENCL: Field Report # 1 5/11/2023



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
(910) 401-3288 [Phone]
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FIELD REPORT

Project **Liberty Meadows Lot 43**
Location **Cameron, NC**
Client **Precision Custom Homes**
Contractor **Precision Custom Homes**

Project No. **33:6442-B**
Report No. **1**
Day & Date **Thursday 5/11/2023**
Weather **70 °/ Sunny**
On-Site Time **2.00**
Lab Time **0.00**
Travel Time* **0.00**
Total **2.00**
Re Obs Time **0.00**

Remarks					
Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure	
Chargeable Items			3:30P	5:30P	

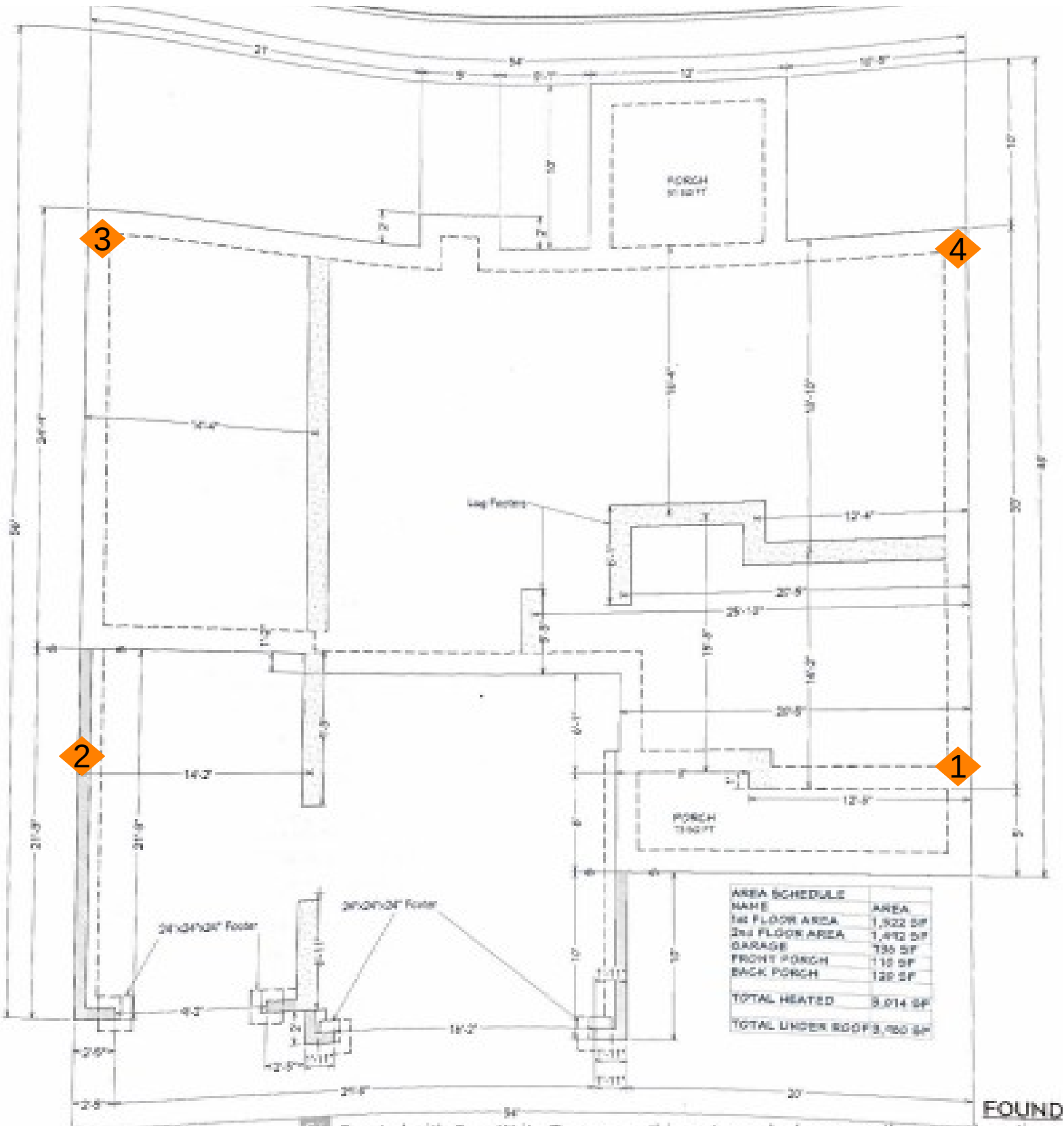
* Travel time and mileage will be billed in accordance with the contract.

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 for monolithic foundation. Footings were not 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, as requested, for additional services.



AREA SCHEDULE NAME	AREA
1st FLOOR AREA	1,922 SF
2nd FLOOR AREA	1,492 SF
GARAGE	730 SF
FRONT PORCH	110 SF
BACK PORCH	128 SF
TOTAL HEATED	3,014 SF
TOTAL UNDER ROOF	3,760 SF

FOUND

Harvey Sangster
 5/11/2023
 Liberty Meadows
 lot43
 Poj # 6442-B
 W/O # 72177

KEY



DCP test Location





Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 43
 Location: 303 Solomon
 Cameron - Moore - NC - 28326
 Contractor: Precision Custom Homes

Project No.: 33:6442-B
 Day/Date: 5/11/2023

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	Southeast corner of foundation footing	x x	x x	N/A	N/A		(0)Orange SAND(-1/-3) Grey SAND	6 (0)7,17,20(-1)18,18,18(-2)15,17,18(-3)12,17,16	2000
2	Southwest corner of foundation footing	x x	x x	N/A	N/A		(0/-1)Orange SAND(-2/-3) Grey SAND	6 (0)10,10,12(-1)15,17,15(-2)18,17,18(-3)15,16,17	2000
3	Northwest corner of foundation footing	x x	x x	N/A	N/A		(0)Orange SAND(-1)Grey SAND(-2/-3)Tan SAND	6 (0)9,7,6(-1)12,10,11(-2)17,17,17(-3)16,13,17	2000
4	Northeast corner of foundation footing	x x	x x	N/A	N/A		(0/-1)Orange SAND(-2)Grey SAND(-3)Tan SAND	6 (0)15,16,17(-1)15,17,15(-2)18,18,17(-3)16,13,13	2000

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

By: Harvey Lamar Sangster

ECS Southeast, LLP

WO: 72177