NC Registered Firm # F-1519

ECS Southeast, LLC
6151 Raeford Road, Suite A
Fayetteville, NC 28304
T 910.401.3288
F 910.323.0539

LETTER OF TRANSMITTAL

December 23, 2024
Precision Custom Homes

Raeford, NC 28376

ATTN: Shaun Gardner

RE: **Magnolia Hills Subdivision - Lot 25**
ECS Job # **33:7095-K**

Permits:
Location: **129 Mahogany Ct**
Cameron, NC 28326

X Field Reports **X** For your use **X** As requested

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

ENCL: Field Report # 1 12/19/2024

NORTH CAROLINA PROFESSIONAL 15382 ENGINEER JACK E. COWSERT

DEC 23 2024

Jack Cowsert, 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.

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FIELD REPORT

Project No.	**33:7095-K**
Report No.	**1**
Day & Date	**Thursday 12/19/2024**
Weather	**58 °/ Cloudy**
On-Site Time	**2.00**
Lab Time	**0.00**
Travel Time*	**0.00**
Total	**2.00**
Re Obs Time	**0.00**

Project	**Magnolia Hills Subdivision - Lot 25**
Location	**Cameron, NC**
Client	**Precision Custom Homes**
Contractor	**Precision Custom Homes**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of	Arrival	Departure
Chargeable Items				**11:15A**	**1:15P**

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

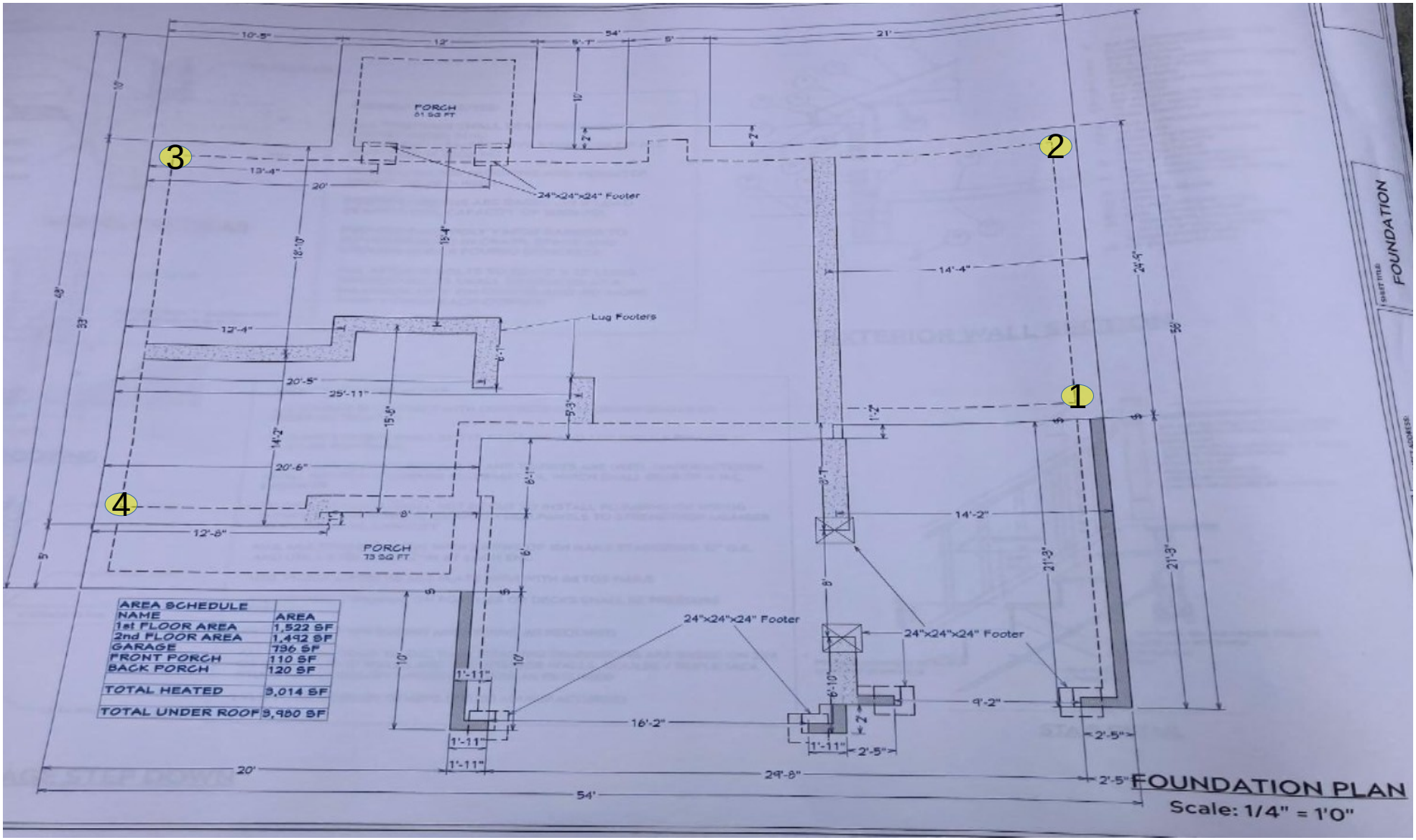
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for the 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 3 feet below the design 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 upon request.

By Todd Davis 1800



Todd T. Davis
12/19/2024
Magnolia Hills Lot 25.
Proj #: 7095-K
W/O # 81556

Key (NTS)
DCP / Hand Auger Boring
Test Locations --- #

Todd T. Davis
12/19/2024
Magnolia Hills Lot 25.
Proj #: 7095-K
W/O # 81556

Key (NTS)
View of Magnolia Hills – Lot 25

Todd T. Davis 12/19/2024 Magnolia Hills Lot 25. Proj #: 7095-K W/O # 81556	**Key (NTS)** View of Magnolia Hills – Lot 25	ECS	

NC Registered Firm # F-1519

Report of Foundation Observations

Project: Magnolia Hills Subdivision - Lot 25
Location: 129 Mahogany Ct
Cameron - Harnett - NC - 28326

ECS Project No. : 33:7095-K
Date: 12/19/2024

General Location:
Footing Type:

Design Bearing Pressure: 2000

Test No.	Location		Size		Footing Bottom Elevation		Depth of Undercut	Description of Steel Placed	Description of Foundation Subgrade Material	Depth of Test*	Increment for blow count
			Design	Actual	Design	Actual**					
1	See Attached Drawing	W	0' 0"	0' 0"			0' 0"		(1-2) Tan Silty Sand (3-4) Tan-Orange Silty Sand		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
2	See Attached Drawing	W	0' 0"	0' 0"			0' 0"		(1-4) Tan Silty Sand		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
3	See Attached Drawing	W	0' 0"	0' 0"			0' 0"		(1-3) Tan-Red Silty Sand (4) Tan/Brown Silty Sand		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
4	See Attached Drawing	W	0' 0"	0' 0"			0' 0"		(1) Tan-Red Silty Sand (2-3) Tan Silty Sand (4) Tan/Brown Silty Sand		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							

* Depth of DCP, or other methods of determing the soil stiffness
** Subgrade elevation reported by any means the contractor provided

By: Todd Davis

ECS Southeast, LLC

WO: 81556