

**ECS Southeast, LLC**

6151 Raeford Road, Suite A

Fayetteville, NC 28304

T 910.401.3288

F 910.323.0539

LETTER OF TRANSMITTAL

October 20, 2025
Precision Custom Homes

Raeford, NC 28376

ATTN: Shaun Gardner

RE: **Magnolia Hills Subdivision - Lot 92**
ECS Job # **33:7095-A7**

Permits:

Location: **274 Persimmon Tree Dr.**
Cameron, NC 28326

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Field Reports

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For your use

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As requested

CC: Precision Custom Homes - Allen Peterson

Precision Custom Homes - Lauren Ceruti

ENCL: Field Report # 1 10/17/2025



Jack Cowsert, P.E.
Office Manager

OCT 20 2025

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 **Magnolia Hills Subdivision - Lot 92**
 Location **Cameron, NC**
 Client **Precision Custom Homes**
 Contractor **Precision Custom Homes**

Project No. **33:7095-A7**
 Report No. **1**
 Day & Date **Friday 10/17/2025**
 Weather **70 °/ Clear**
 On-Site Time **1.00**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **1.00**
 Re Obs Time **0.00**

Remarks

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

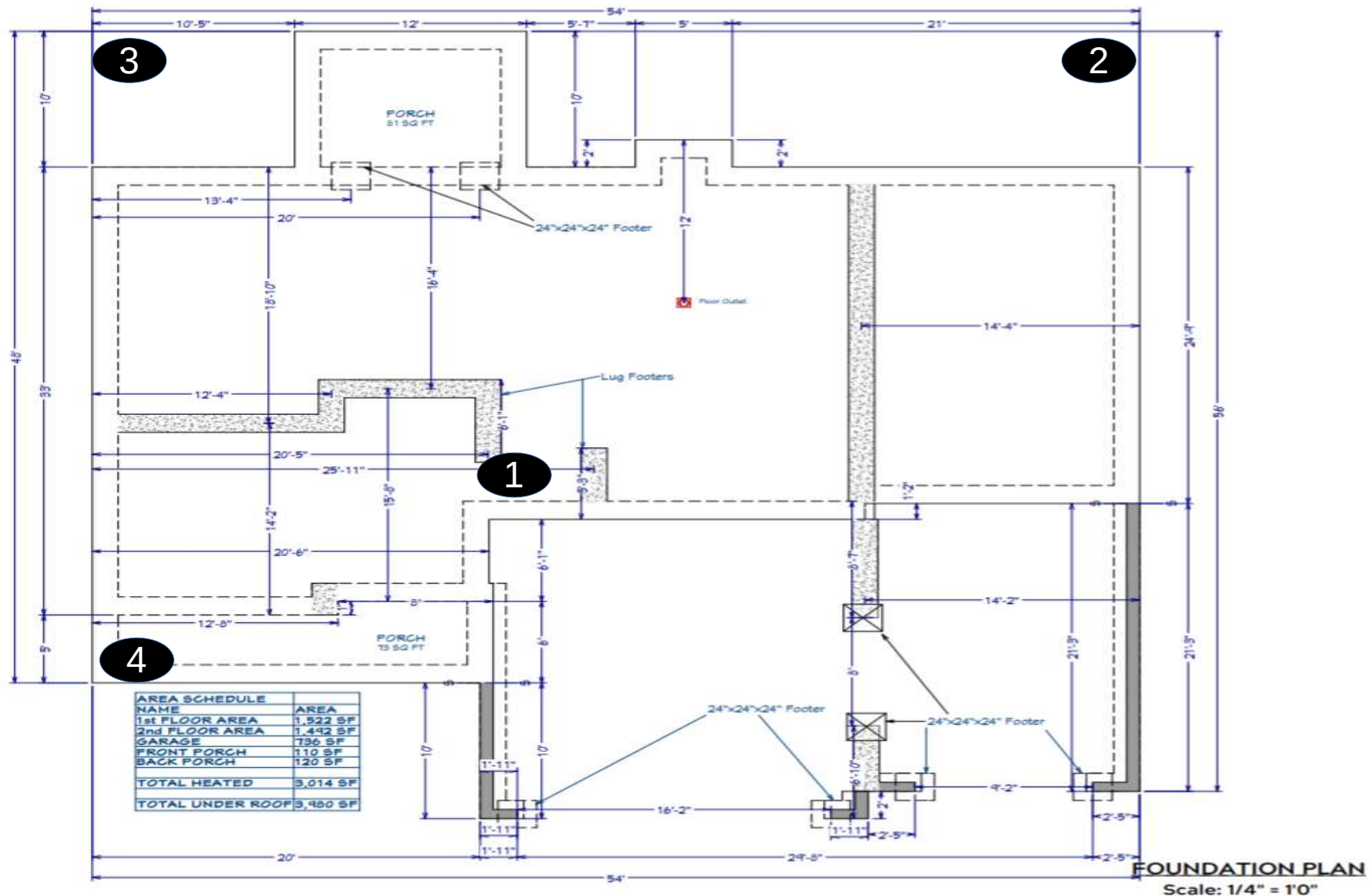
* Travel time and mileage will be billed in accordance with the contract.

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 proposed monolithic slab foundation footings. 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. The 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 2000 psf.

ECS will return upon request to provide additional services.



PLAN:
Liberty 2.0

SHEET TITLE
FOUNDATION

PROJECT ADDRESS:
274 Persimmon Tree Dr.
Magnolia Hills Lot 92

DESIGNED BY:
Precision Custom Homes
Raleigh, NC
dough@precisioncustomhomesnc.com

DATE:
9/23/25

SCALE:
1/4" = 1'

SHEET:
A-2

Caleb Jackson
10/17/25
Magnolia Hills Lot 92
Proj #: 7095-A7
W/O # 87743

Key (NTS)
DCP Test

#



NORTH





Report of Foundation Observations

Project: Magnolia Hills Subdivision - Lot 92
 Location: 274 Persimmon Tree Dr.
 Cameron - Harnett - NC - 28326

ECS Project No. : 33:7095-A7
 Date: 10/17/2025

General Location: Home Pad
 Footing Type: Continuous

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*	Number of Blows
			Design	Actual	Design	Actual**					
1	Center/ Above Left Side of Garage	W	0' 0"	0' 0"			0' 0"		(-1,-2) orange clay sand (-3,-4) tan sand	-1	4,9,13
		D	0' 0"	0' 0"						-2	7,9,12
		L	0' 0"	0' 0"						-3	6,7,6
										-4	4,5,6
2	Top Right Corner	W	0' 0"	0' 0"			0' 0"		(-1,-2-3) orange clay sand (-4) tan sand	-1	5,5,6
		D	0' 0"	0' 0"						-2	6,6,11
		L	0' 0"	0' 0"						-3	7,8,10
										-4	5,7,7
3	Top Left Corner	W	0' 0"	0' 0"			0' 0"		(-1,-2-3) orange clay sand (-4) tan sand	-1	4,6,5
		D	0' 0"	0' 0"						-2	8,9,10
		L	0' 0"	0' 0"						-3	4,10,15+
										-4	6,12,12
4	Bottom Left Corner	W	0' 0"	0' 0"			0' 0"		(-1) orange clay sand (-2,-3-4) tan sand	-1	4,8,9
		D	0' 0"	0' 0"						-2	7,7,8
		L	0' 0"	0' 0"						-3	4,7,6
										-4	4,6,7

* Depth of DCP, or other methods of determining the soil stiffness

** Subgrade elevation reported by any means the contractor provided

By: Caleb J Jackson

ECS Southeast, LLC

WO: 87743

Attachments



Lot 92

Figure 1