



ECS Southeast, LLC
 6151 Raeford Road, Suite A
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LETTER OF TRANSMITTAL

June 23, 2025
 Precision Custom Homes

Raeford, NC 28376
 ATTN: Shaun Gardner

RE: **Magnolia Hills Subdivision - Lot 30**
 ECS Job # **33:7095-Z4**

Permits:
 Location: **172 Mahogany Court**
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 6/19/2025



Jack Cowsert, P.E.
 Office Manager

JUN 23 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 30**
 Location **Cameron, NC**
 Client **Precision Custom Homes**
 Contractor **Precision Custom Homes**

Project No. **33:7095-Z4**
 Report No. **1**
 Day & Date **Thursday 6/19/2025**
 Weather **94 °/ Sunny**
 On-Site Time **1.50**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **1.50**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			4:30P	6:00P

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

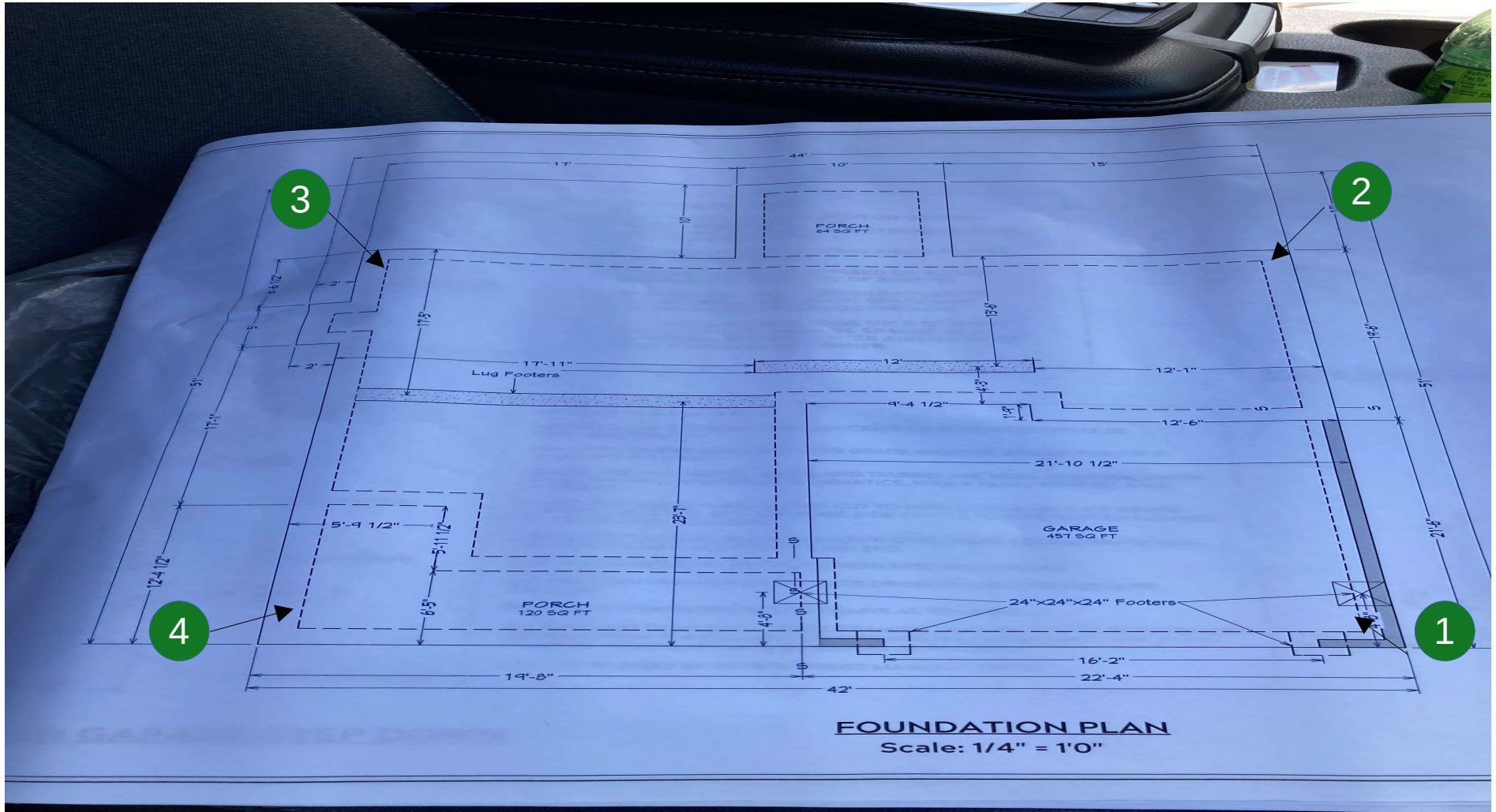
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for foundation footings for a monolithic slab. 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. The test results indicated that the materials in place (at the locations and elevations tested) did meet the project requirements and is suitable to support the design bearing capacity of 2,000 psf.

Once the footings have been excavated, ECS recommends thoroughly compacting the footing's subgrade with a jumping jack.

ECS will return upon request to provide additional services.



Mason Sullivan
6.19.25
Magnolia Hills Lot 30
Proj #: 7095-Z4
W/O # 85276

Key (NTS)
DCP Locations



NORTH





Report of Foundation Observations

Project: Magnolia Hills Subdivision - Lot 30
 Location: 172 Mahogany Court
 Cameron - Harnett - NC - 28326

ECS Project No. : 33:7095-Z4
 Date: 6/19/2025

General Location: Foundation Footings
 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	South East Corner	W	0' 0"	0' 0"			0' 0"		(-1/-4) Orange Sand	-1	3, 3, 4
		D	0' 0"	0' 0"						-2	4,4,5
		L	0' 0"	0' 0"						-3	12, 6, 6
										-4	8, 15+
2	North East Corner	W	0' 0"	0' 0"			0' 0"		(-1) Orange Sand (-2/-4) Brown Sand	-1	9, 7, 7
		D	0' 0"	0' 0"						-2	10, 10, 8
		L	0' 0"	0' 0"						-3	8, 9, 9
										-4	15+
3	North West Corner	W	0' 0"	0' 0"			0' 0"		(-1) Orange Sand (-2/-4) Brown Sand	-1	7, 9, 11
		D	0' 0"	0' 0"						-2	11, 12, 12
		L	0' 0"	0' 0"						-3	6, 6, 6
										-4	12, 12, 8
4	South West Corner	W	0' 0"	0' 0"			0' 0"		(-1/-4) Orange Sand (-2/-3) Brown Sand	-1	15+
		D	0' 0"	0' 0"						-2	13, 15+
		L	0' 0"	0' 0"						-3	15+
										-4	15+

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

** Subgrade elevation reported by any means the contractor provided

By: Mason L Sullivan

ECS Southeast, LLC

WO: 85276