



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

LETTER OF TRANSMITTAL

December 26, 2024
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

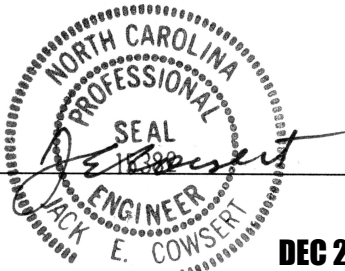
RE: **Magnolia Hills Subdivision - Lot 9**
ECS Job # **33:7095-L**

Permits:
Location: **225 Persimmon Tree Dr**
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 12/23/2024



DEC 26 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 **Magnolia Hills Subdivision - Lot 9**
Location **Cameron, NC**
Client **Precision Custom Homes**
Contractor **Precision Custom Homes**

Project No. **33:7095-L**
Report No. **1**
Day & Date **Monday 12/23/2024**
Weather **36 °/ 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			9:45A	11:15A

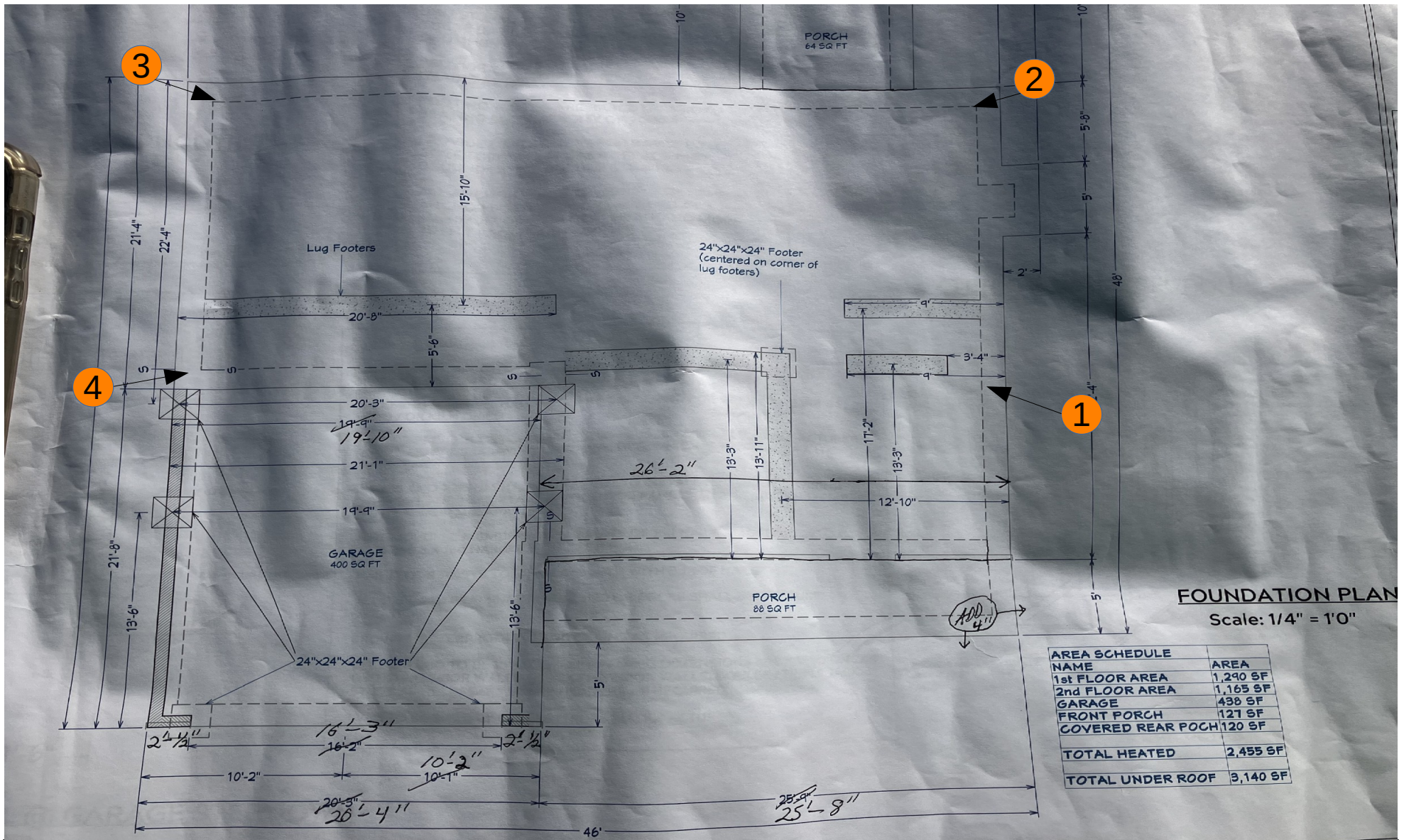
* Travel time and mileage will be billed in accordance with the contract.

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 preliminary 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 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.



Izayah Rutledge
December 23, 2024
Magnolia Hills Lot 9
P: 7095-L
WO: 81737

Key (NTS)
DCP Locations

#



NORTH



Report of Foundation Observations

Project: Magnolia Hills Subdivision - Lot 9
 Location: 225 Persimmon Tree Dr
Cameron - Harnett - NC - 28326

ECS Project No. : 33:7095-L
 Date: 12/23/2024

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	SW Corner	W	0' 0"	0' 0"		0' 0"		-1:Red Orange Sand w/ trace Clay -2:Orange Dark Brown Sand -3,-4:Brown Sand		
		D	0' 0"	0' 0"						
		L	0' 0"	0' 0"						
2	NW Corner	W	0' 0"	0' 0"		0' 0"		-1:Red Orange Sand w/ trace Clay -2:Dark Brown Sand -3,-4:Brown Clayey Sand		
		D	0' 0"	0' 0"						
		L	0' 0"	0' 0"						
3	NE Corner	W	0' 0"	0' 0"		0' 0"		-1:Red Orange Sand - 2:Orange Dark Brown Sand -3:Tan Sand -4:Tan Sand (Moist)		
		D	0' 0"	0' 0"						
		L	0' 0"	0' 0"						
4	SE Corner	W	0' 0"	0' 0"		0' 0"		-1:Red Orange Sand - 2:Orange Dark Brown Sand -3:Brown Sand - 4:Tan Sand		
		D	0' 0"	0' 0"						
		L	0' 0"	0' 0"						

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

By: Izayah MoReil Rutledge

ECS Southeast, LLC

WO: 81737

Attachments



2024-Dec-23 (12)

Figure 1



2024-Dec-23 (11)

Figure 2

Attachments



2024-Dec-23 (10)

Figure 3



2024-Dec-23 (9)

Figure 4

Attachments



2024-Dec-23 (8)

Figure 5



2024-Dec-23 (7)

Figure 6