



**ECS Southeast, LLC**

6151 Raeford Road, Suite A

Fayetteville, NC 28304

T 910.401.3288

F 910.323.0539

**LETTER OF TRANSMITTAL**

February 18, 2025  
Precision Custom Homes

Raeford, NC 28376

ATTN: Shaun Gardner

RE: **Magnolia Hills Subdivision - Lot 71**  
ECS Job # **33:7095-R**

Permits:

Location: **137 Virginia Pine Drive**  
**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      2/17/2025



Jack Cowser, 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 71**  
 Location **Cameron, NC**  
 Client **Precision Custom Homes**  
 Contractor **Precision Custom Homes**

Project No. **33:7095-R**  
 Report No. **1**  
 Day & Date **Monday 2/17/2025**  
 Weather **41 °/ Sunny**  
 On-Site Time **1.25**  
 Lab Time **0.00**  
 Travel Time\* **0.00**  
 Total **1.25**  
 Re Obs Time **0.00**

### Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>9:30A</b>	<b>10:45A</b>

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

<b>Summary of Services Performed (field test data, locations, elevations &amp; depths are estimates) &amp; Individuals Contacted.</b>
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ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for preliminary 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. 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 2,000 psf.

ECS will return upon request to provide additional services.





Jacob Jackson  
02/17/2025  
Mangolia Hills Lot 71  
Proj #: 7095 - R  
W/O # 82695

**Key (NTS)**  
DCP Test Locations



NORTH







ECS Southeast, LLC  
Fayetteville, NC  
Phone: 910-401-3288

## DYNAMIC CONE PENETROMETER TEST REPORT

Address: 137 Virginia Pine Dr								Design Bearing Capacity: 2000 psf
Project No: 7095 – R								Preliminary Footings
Technician: Jacob Jackson								
Date: 02/17/2025								
Test Location	Water Table Depth	Test Depth	Footing Dimensions	Penetrometer Blow Counts				Remarks/Soil Descriptions
				1 3/4"	1 3/4"	1 3/4"	Average	
1		-1		8	9	14	11.5	Orange Clayey Sand
1		-2		7	5	5	5	Tan Sandy Clay
1		-3		11	10	15	12.5	Tan Sandy Clay
1		-4		9	10	11	10.5	Tan Sandy Clay
2		-1		7	9	7	8	Orange Clayey Sand
2		-2		6	8	8	8	Orange Clayey Sand
2		-3		12	10	9	9.5	Tan Sandy Clay
2		-4		10	12	11	11.5	Tan Sandy Clay
3		-1		10	6	7	6.5	Orange Clayey Sand
3		-2		6	7	8	7.5	Tan Sandy Clay
3		-3		15				Tan Sandy Clay
3		-4		10	10	10	10	Tan Sandy Clay
4		-1		4	4	6	5	Tan Clay
4		-2		9	9	11	10	Tan Sandy Clay
4		-3		15				Tan Sandy Clay
4		-4		10	9	12	10.5	Tan Sandy Clay