



**ECS Southeast, LLC**

6151 Raeford Road, Suite A  
Fayetteville, NC 28304  
9104013288  
9103230539

**LETTER OF TRANSMITTAL**

November 11, 2024  
Precision Custom Homes

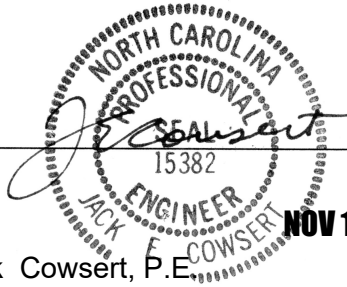
Raeford, NC 28376  
ATTN: Shaun Gardner

RE: **Magnolia Hills Subdivision - Lot 7**  
ECS Job # **33:7095-H**

Permits:  
Location: **181 Persimmon Tree Dr.**  
**Cameron, NC 28326**

	<input checked="" type="checkbox"/>	Field Reports	<input checked="" type="checkbox"/>	For your use	<input checked="" type="checkbox"/>	As requested
CC:		Precision Custom Homes - Allen Peterson		Precision Custom Homes - Lauren Ceruti		

ENCL: Field Report # 1      11/11/2024



**NOV 11 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.



ECS Southeast, LLC  
 6151 Raeford Road, Suite A  
 Fayetteville, NC 28304  
 (910) 401-3288 [Phone]  
 (910) 323-0539 [Fax]

## FIELD REPORT

Project **Magnolia Hills Subdivision - Lot 7**  
 Location **Cameron, NC**  
 Client **Precision Custom Homes**  
 Contractor **Precision Custom Homes**

Project No. **33:7095-H**  
 Report No. **1**  
 Day & Date **Monday 11/11/2024**  
 Weather **73 °/ Cloudy**  
 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>1:00P</b>	<b>2:15P</b>

\* 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 Representative 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 current footing sub grade elevation. It is to the opinion of ECS that the materials in place did appear to be suitable to support the design bearing capacity 2000 psf.

ECS will return upon request to provide additional services.



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

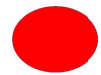
**DYNAMIC CONE PENETROMETER TEST REPORT**

Project: 181 Persimmon Tree Dr								Design Bearing Capacity: 2000 psf
Project No: 7095 – H								Preliminary
Technician: Jacob Jackson								
Date: 11/11/2024								
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		0		6	6	11	8.5	Orange Clayey Sand
1		-1		8	15		15	Black Silty Sand
1		-2		9	11	10	10.5	Tan Sand
1		-3		6	8	10	9	Tan Sand
2		0		6	4	6	5	Orange Silty Sand
2		-1		6	8	8	8	Tan Sand
2		-2		7	6	5	5.5	Tan Sand
2		-3		10	10	7	8.5	Tan Sand
3		0		9	9	11	10	Orange Clayey Sand
3		-1		8	6	6	6	Tan Sand
3		-2		10	8	9	8.5	Tan Sand
3		-3		10	10	12	11	Tan Sand
4		0		8	7	7	7	Orange Clayey Sand
4		-1		6	8	12	10	Black Silty Sand
4		-2		10	6	7	6.5	Tan Sand
4		-3		7	5	7	6	Tan Sand



Jacob Jackson  
11/11/2024  
Project 181 Persimmon  
Proj #: 7095 - H  
W/O # 80844

**Key (NTS)**  
DCP Locations



NORTH  
↑