



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

# LETTER OF TRANSMITTAL

February 11, 2025  
Precision Custom Homes

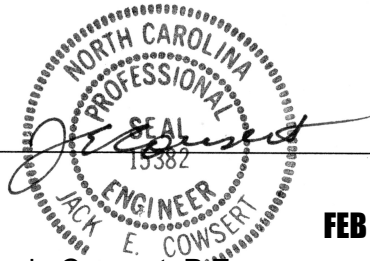
Raeford, NC 28376  
ATTN: Shaun Gardner

RE: **Magnolia Hills Subdivision - Lot 61**  
ECS Job # **33:7095-Q**

Permits:  
Location: **78 Myrtle Oak Drive**  
**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      2/10/2025



**FEB 11 2025**

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 61**  
Location **Cameron, NC**  
Client **Precision Custom Homes**  
Contractor **Precision Custom Homes**

Project No. **33:7095-Q**  
Report No. **1**  
Day & Date **Monday 2/10/2025**  
Weather **47 °/ Cloudy**  
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			<b>1:45P</b>	<b>2:45P</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 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 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.

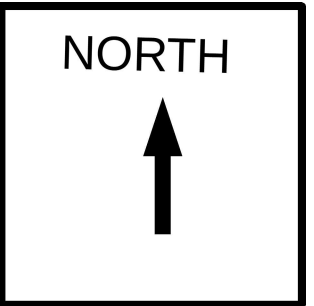
ECS will return upon request to provide additional services.





Jacob Jackson  
02/10/2025  
Mangolia Hills  
Proj #: 7095 - Q  
W/O # 82598

**Key (NTS)**  
DCP Test Locations





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

**DYNAMIC CONE PENETROMETER TEST REPORT**

Address: 78 Myrtle Oak Drive								Design Bearing Capacity: 2000 psf
Project No: 6095 – Q								Preliminary Footings
Technician: Jacob Jackson								
Date: 02/10/2025								
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		5	4	6	5	Orange Clayey Sand
1		-2		6	5	6	5.5	Tan Sand
1		-3		15				Tan Clayey Sand
1		-4		14	15		15	Tan Clayey Sand
2		-1		9	15		15	Orange Clayey Sand
2		-2		15				Orange Clayey Sand
2		-3		15				Tan Clayey Sand
2		-4		15				Tan Clayey Sand
3		-1		7	8	7	7.5	Orange Clayey Sand
3		-2		6	5	8	6.5	Orange Clayey Sand
3		-3		15				Tan Clayey Sand
3		-4		15				Tan Clayey Sand
4		-1		6	7	7	7	Orange Clayey Sand
4		-2		9	7	5	6	Orange Clayey Sand
4		-3		15				Auger Refusal
4		-4						