



ECS Southeast, LLC
6151 Raeford Road, Suite A
Fayetteville, NC 28304
T 910.401.3288
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LETTER OF TRANSMITTAL

February 05, 2025
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

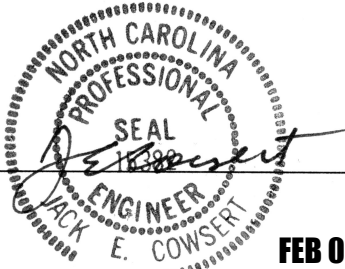
RE: **Magnolia Hills Subdivision - Lot 26**
ECS Job # **33:7095-P**

Permits:
Location: **145 Mahogany Ct**
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 2/3/2025



Jack Cowsert, P.E.
Office Manager

FEB 05 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 26**
Location **Cameron, NC**
Client **Precision Custom Homes**
Contractor **Precision Custom Homes**

Project No. **33:7095-P**
Report No. **1**
Day & Date **Monday 2/3/2025**
Weather **75 °/ Sunny**
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			12:00P	1:00P

* 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 a monolithic slab foundation prior to the excavation of 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 subgrade 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.





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

DYNAMIC CONE PENETROMETER TEST REPORT

Project: Magnolia Hills Lot 26								Design Bearing Capacity: 2000 psf
Project No: 7095-P								Native Soil
Technician: Andrew Wiggs								
Date: 2/3/2025								
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		13	15		15	Orange Clayey Sand
1		-2		15			15	Brown Sand
1		-3		12	15		15	Brown Sand
1		-4		9	6	7	6.5	Brown Sand
2		-1		6	7	14	10.5	Orange Clayey Sand
2		-2		15			15	Brown Sand
2		-3		10	9	9	9	Brown Sand
2		-4		7	7	7	7	Brown Sand
3		-1		15			15	Brown Sand
3		-2		8	8	7	7.5	Brown Sand
3		-3		4	4	3	3.5	Brown Sand
3		-4		2	2	4	3	Brown Sand
4		-1		7	15		15	Brown Sand
4		-2		9	11	15	13	Brown Sand
4		-3		7	10	9	9.5	Brown Sand
4		-4		7	6	6	6	Brown Sand