



ECS Southeast, LLC

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

LETTER OF TRANSMITTAL

December 05, 2024
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

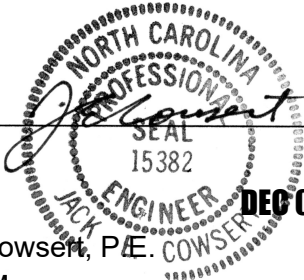
RE: **Magnolia Hills Subdivision - Lot 8**
ECS Job # **33:7095-I**

Permits:
Location: **201 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 12/3/2024



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.



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 8**
Location **Cameron, NC**
Client **Precision Custom Homes**
Contractor **Precision Custom Homes**

Project No. **33:7095-I**
Report No. **1**
Day & Date **Tuesday 12/3/2024**
Weather **50 °/ 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				4:15P	5:15P

* 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 monolithic slab foundation prior to 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 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.

33:7095-I Magnolia Hills Lot 8
WO# 80845
Andrew Wiggs 12/4/2024

Test Locations - ○





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

DYNAMIC CONE PENETROMETER TEST REPORT

Project: Magnolia Hills Lot 8								Design Bearing Capacity: 2000 psf
Project No: 7095-I								Fill
Technician: Andrew Wiggs								
Date: 12/4/2024								
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		-1		11	15		15	Orange Clayey Sand
1		-2		10	8	11	9.5	Orange Clayey Sand
1		-3		10	15		15	Orange Clayey Sand
1		-4		8	7	8	7.5	Brown Sand
2		-1		15			15	Orange Clayey Sand
2		-2		10	15		15	Dark Gray Sand
2		-3		15			15	Gray Sand
2		-4		8	11	11	11	Gray Clayey Sand
3		-1		15			15	Dark Gray Sand
3		-2		15			15	Gray Sand
3		-3		9	11	11	11	Gray Clayey Sand
3		-4		9	8	9	8.5	Gray Clayey Sand
4		-1		11	15		15	Orange Clayey Sand
4		-2		15			15	Orange Clayey Sand
4		-3		15			15	Gray Sand
4		-4		8	7	6	7.5	Gray Sand