



ECS Southeast, LLC

6151 Raeford Road, Suite A
Fayetteville, NC 28304
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LETTER OF TRANSMITTAL

November 06, 2024
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

RE: **Magnolia Hills Subdivision - Lot 12**
ECS Job # **33:7095-E**

Permits:
Location: **55 Pomegranate 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 11/4/2024



NOV 06 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]
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FIELD REPORT

Project **Magnolia Hills Subdivision - Lot 12**
Location **Cameron, NC**
Client **Precision Custom Homes**
Contractor **Precision Custom Homes**

Project No. **33:7095-E**
Report No. **1**
Day & Date **Monday 11/4/2024**
Weather **80 °/ 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			3:45P	5:00P

* 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 preliminary check prior to the excavation of 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 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 Subdivision Lot 12				Design Bearing Capacity: 2000 psf				
Project No: 7095-E				Native Soil				
Technician: Andrew Wiggs								
Date: 11/4/2024								
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		10	9	15	12	Orange Clayey Sand
1		-2		10	10	12	11	Brown Sand
1		-3		6	8	8	8	Tan Sand
1		-4		7	7	5	6	Tan Sand
2		-1		6	7	6	6.5	Brown Sand
2		-2		5	5	4	4.5	Tan Sand
2		-3		6	5	4	4.5	Tan Sand
2		-4		4	4	5	4.5	Tan Sand
3		-1		10	12	12	12	Brown Sand
3		-2		6	5	5	5	Brown Sand
3		-3		4	4	4	4	Tan Sand
3		-4		4	5	5	5	Tan Sand
4		-1		5	6	9	7.5	Orange Clayey Sand
4		-2		5	7	6	6.5	Orange Clayey Sand
4		-3		13	15		15	Brown Sand
4		-4		13	10	9	9.5	Brown Sand



33:7095-E Magnolia Hills Lot 12
WO# 80828
Andrew Wiggs 11/4/2024
Test Locations - ○