



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

January 10, 2025
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

RE: **Magnolia Hills Subdivision - Lot 82**
ECS Job # **33:7095-M**

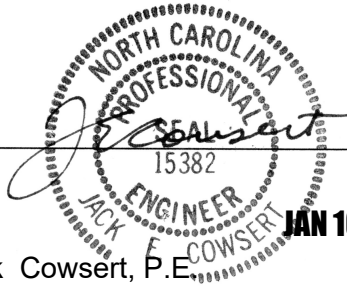
Permits:
Location: **496 Persimmon Tree Dr.**
Cameron, NC 28326

Field Reports For your use As requested

CC: Precision Custom Homes - Allen Peterson

Precision Custom Homes - Lauren Ceruti

ENCL: Field Report # 1 1/9/2025



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 82**
Location **Cameron, NC**
Client **Precision Custom Homes**
Contractor **Precision Custom Homes**

Project No. **33:7095-M**
Report No. **1**
Day & Date **Thursday 1/9/2025**
Weather **39 °/ Sunny**
On-Site Time **1.50**
Lab Time **0.00**
Travel Time* **0.00**
Total **1.50**
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			2:30P	4:00P

* 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.

An ECS Representative 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 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. 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, as requested, for additional services.



Christopher H.A. Johnson
1/9/2025
Magnolia Hills Subdivision
Lot 82
Proj #: 7095-M
W/O # 82038

Key (NTS)
DCP Test Locations



NORTH





Report of Foundation Observations

Project: Magnolia Hills Subdivision - Lot 82
 Location: 496 Persimmon Tree Dr.
Cameron - Harnett - NC - 28326

ECS Project No. : 33:7095-M
 Date: 1/9/2025

General Location: _____
 Footing Type: _____

Design Bearing Pressure: 2000

Test No.	Location	Size			Footing Bottom Elevation		Depth of Undercut	Description of Steel Placed	Description of Foundation Subgrade Material	Depth of Test*	Increment for blow count
			Design	Actual	Design	Actual**					
1	south corner of pad	W	0' 0"	0' 0"			0' 0"		(0,-1)tan sand (-2,-3,-4) orange clayey sand		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
2	west corner of pad	W	0' 0"	0' 0"			0' 0"		(0,-1)tan sand (-2,-3,-4) orange clayey sand		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
3	north corner of pad	W	0' 0"	0' 0"			0' 0"		(0,-1)tan sand (-2,-3,-4) orange clayey sand		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							
4	east corner of pad	W	0' 0"	0' 0"			0' 0"		(0,-1)tan sand (-2,-3,-4) orange clayey sand		
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"							

* Depth of DCP, or other methods of determining the soil stiffness
 ** Subgrade elevation reported by any means the contractor provided

By: Christopher H Johnson

 ECS Southeast, LLC

WO: 82038