



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

November 22, 2025  
 Precision Custom Homes

Raeford, NC 28376  
 ATTN: Shaun Gardner

RE: **Magnolia Hills Subdivision - Lot 65**  
 ECS Job # **33:7095-A8**  
 Permits:  
 Location: **78 Alder 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 11/20/2025



Jack Cowsert, P.E.  
 Office Manager

**NOV 22 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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Project **Magnolia Hills Subdivision - Lot 65**  
 Location **Cameron, NC**  
 Client **Precision Custom Homes**  
 Contractor **Precision Custom Homes**

## FIELD REPORT

Project No.	<b>33:7095-A8</b>
Report No.	<b>1</b>
Day & Date	<b>Thursday 11/20/2025</b>
Weather	<b>63 °/ Cloudy</b>
On-Site Time	<b>2.25</b>
Lab Time	<b>0.00</b>
Travel Time*	<b>0.00</b>
Total	<b>2.25</b>
Re Obs Time	<b>0.00</b>

### Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>2:45P</b>	<b>5:00P</b>

\* Travel time and mileage will be billed in accordance with the contract.

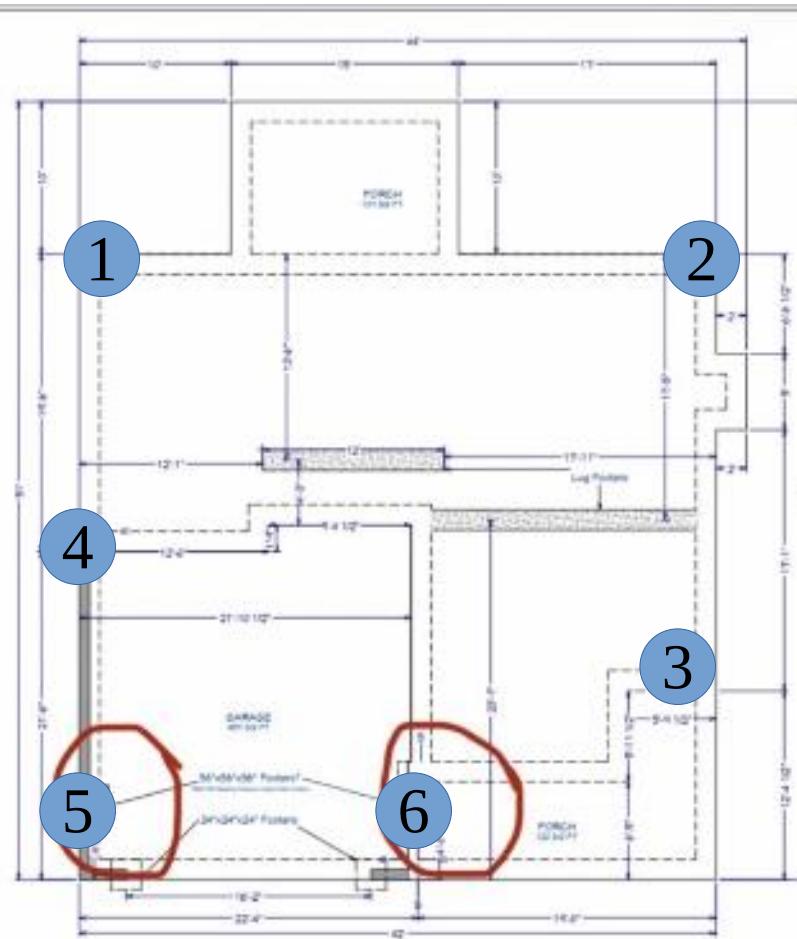
**Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.**

ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for monolithic slab. 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. The 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 2000 psf.

In Addition a total of 2 hand auger/DCP evaluations were performed to a depth of approximately 6 feet below the current lug footing sub grade elevation. The test results indicated that the materials in place (at the Garage lug footings) did appear to be suitable to support the design bearing capacity 2500 psf.

ECS will return upon request to provide additional services.



FOUNDATION PLAN

Scale: 1/4" x 10"

Andrew Gomez  
11/20/2025  
78 Alder Dr., Cameron,  
NC 28326  
Proj #: 7095-A8  
W/O # 88779

**Key (NTS)**  
DCP  
Inspection

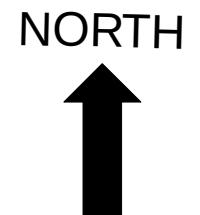
Test Location:



NORTH  
↑



Andrew Gomez 11/20/2025 78 Alder Dr., Cameron, NC 28326 Proj #: 7095-A8 W/O # 88779
<b>Key (NTS)</b> DCP Inpection  Test Location:





Andrew Gomez 11/20/2025 78 Alder Dr., Cameron, NC 28326 Proj #: 7095-A8 W/O # 88779	<b>Key (NTS)</b> DCP Inpection  Test Location:		<b>NORTH</b> ↑
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## Report of Foundation Observations

Project: Magnolia Hills Subdivision - Lot 65  
 Location: 78 Alder Dr.  
 Cameron - Harnett - NC - 28326

ECS Project No. : 33:7095-A8  
 Date: 11/20/2025

General Location: 78 Alder Dr., Cameron, NC 28326  
 Footing Type: Continuous

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*	Number of Blows
		Design	Actual	Design	Actual**					
1	north west corner	W	0' 0"	0' 0"		0' 0"		-1,-2,-3 Orange sandy Clay -4 Brown sand	-1	15+
		D	0' 0"	0' 0"					-2	15+
		L	0' 0"	0' 0"					-3	15+
									-4	15+
2	north east corner	W	0' 0"	0' 0"		0' 0"		-1,- Orange sandy Clay (-2,-3-4 Brown sand)	-1	8,15+
		D	0' 0"	0' 0"					-2	15+
		L	0' 0"	0' 0"					-3	15+
									-4	15+
3	south east corner	W	0' 0"	0' 0"		0' 0"		(-1,-2 Brown sand) (-3 brown sandy clay) (-4 white sandy clay)	-1	15+
		D	0' 0"	0' 0"					-2	15+
		L	0' 0"	0' 0"					-3	12,15+
									-4	15+
4	south west corner	W	0' 0"	0' 0"		0' 0"		(-1,-2 Orange sandy clay) (-3,-4 brown sand)	-1	6,8,11
		D	0' 0"	0' 0"					-2	15+
		L	0' 0"	0' 0"					-3	15+
									-4	15+
5	South west lug footing	W	0' 0"	0' 0"		0' 0"		(-3,Brown sandy clay) (-4, -5,-6 White sandy clay)	-3	15+
		D	0' 0"	0' 0"					-4	15+
		L	0' 0"	0' 0"					-5	15+
									-6	15+
6	south east lug footing	W	0' 0"	0' 0"		0' 0"		(-3,Brown sandy clay) (-4, -5,-6 White sandy clay)	-3	15+
		D	0' 0"	0' 0"					-4	15+
		L	0' 0"	0' 0"					-5	15+
									-6	15+



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Location: 78 Alder Dr.  
Cameron - Harnett - NC - 28326

ECS Project No. :  
Date:

33:7095-A8  
11/20/2025

\* Depth of DCP, or other methods of determining the soil stiffness

\*\* Subgrade elevation reported by any means the contractor provided

By: Andrew N Gomez

ECS Southeast, LLC

WO: 88779