



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 86**
ECS Job # **33:7095-F**

Permits:
Location: **107 Magnolia Grove Way**
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 11/5/2024



NOV 06 2024

Jack Cowser, PE
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
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FIELD REPORT

Project **Magnolia Hills Subdivision - Lot 86**
Location **Cameron, NC**
Client **Precision Custom Homes**
Contractor **Precision Custom Homes**

Project No. **33:7095-F**
Report No. **1**
Day & Date **Tuesday 11/5/2024**
Weather **74 °/ 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			12:15P	1:30P

* 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 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
11/5/2024
Magnolia Hills Subdivision
Lot 86
Proj #: 7095-F
W/O # 80829

Key (NTS)
DCP Test Location



NORTH





Report of Spread Footing - Foundation Observations

Project: Magnolia Hills Subdivision - Lot 86
 Location: 107 Magnolia Grove Way
Cameron - Harnett - NC - 28326
 Contractor: Precision Custom Homes

Project No.: 33:7095-F
 Day/Date: 11/5/2024

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation		Description of Steel Placed	Description of Subgrade Material	Required Blow Counts	Design Bearing Pressure
		Design	Actual	Design **	Depth of Undercut (in)			# of Blows / Increment	
1	south west corner of pad	x x	x x	N/A	N/A		(0)orange clayey sand (-1) grey sand (-2,-3)tan sand (-4) tan sandy clay	6 0)6,6,7 -1)7,8,9 -2)7,8,7 -3)5,5,6 -4)7,7,10	2000
2	north west corner of pad	x x	x x	N/A	N/A		(0)orange clayey sand (-1) grey sand (-2,-3)tan sand (-4) tan sandy clay	6 0)6,7,8 -1)6,8,10 -2)8,9,8 -3)6,7,9 -4)5,6,6	2000
3	north east corner of pad	x x	x x	N/A	N/A		(0)orange clayey sand (-1) grey sand (-2,-3)tan sand (-4) tan sandy clay	6 0)6,5,5 -1)5,8,7 -2)9,10,10 -3)8,6,6 -4)9,9,9	2000
4	south east corner of pad	x x	x x	N/A	N/A		(0)orange clayey sand (-1) grey sand (-2,-3)tan sand (-4) tan sandy clay	6 0)6,5,5 -1)7,8,8 -2)8,9,11 -3)6,7,9 -4)5,8,7	2000

** SGE: Subgrade Elevation to be determined by surveyor.

By: Christopher H Johnson

ECS Southeast, LLC

WO: 80829