NC Registered Firm # F-1519

ECS Southeast, LLC
6151 Raeford Road, Suite A
Fayetteville, NC 28304
T 910.401.3288
F 910.323.0539

LETTER OF TRANSMITTAL

October 06, 2025
Precision Custom Homes

Raeford, NC 28376

ATTN: Shaun Gardner

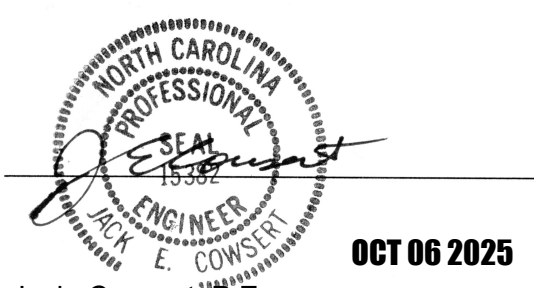
RE: **Magnolia Hills Subdivision - Lot 66**
ECS Job # **33:7095-B1**

Permits:
Location: **54 Alder Drive**
Cameron, NC 28326

X Field Reports **X** For your use **X** As requested

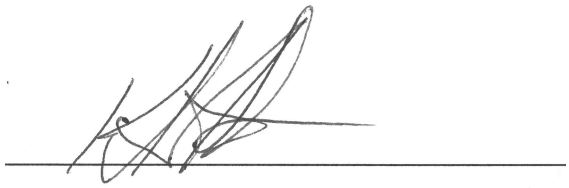
CC: Precision Custom Homes - Allen Peterson Precision Custom Homes - Lauren Ceruti

ENCL: Field Report # 1 10/3/2025



OCT 06 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 No.	**33:7095-B1**
Report No.	**1**
Day & Date	**Friday 10/3/2025**
Weather	**75 °/ Sunny**
On-Site Time	**1.00**
Lab Time	**0.00**
Travel Time*	**0.00**
Total	**1.00**
Re Obs Time	**0.00**

Project	**Magnolia Hills Subdivision - Lot 66**
Location	**Cameron, NC**
Client	**Precision Custom Homes**
Contractor	**Precision Custom Homes**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of	Arrival	Departure
Chargeable Items				**3:30P**	**4:30P**

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

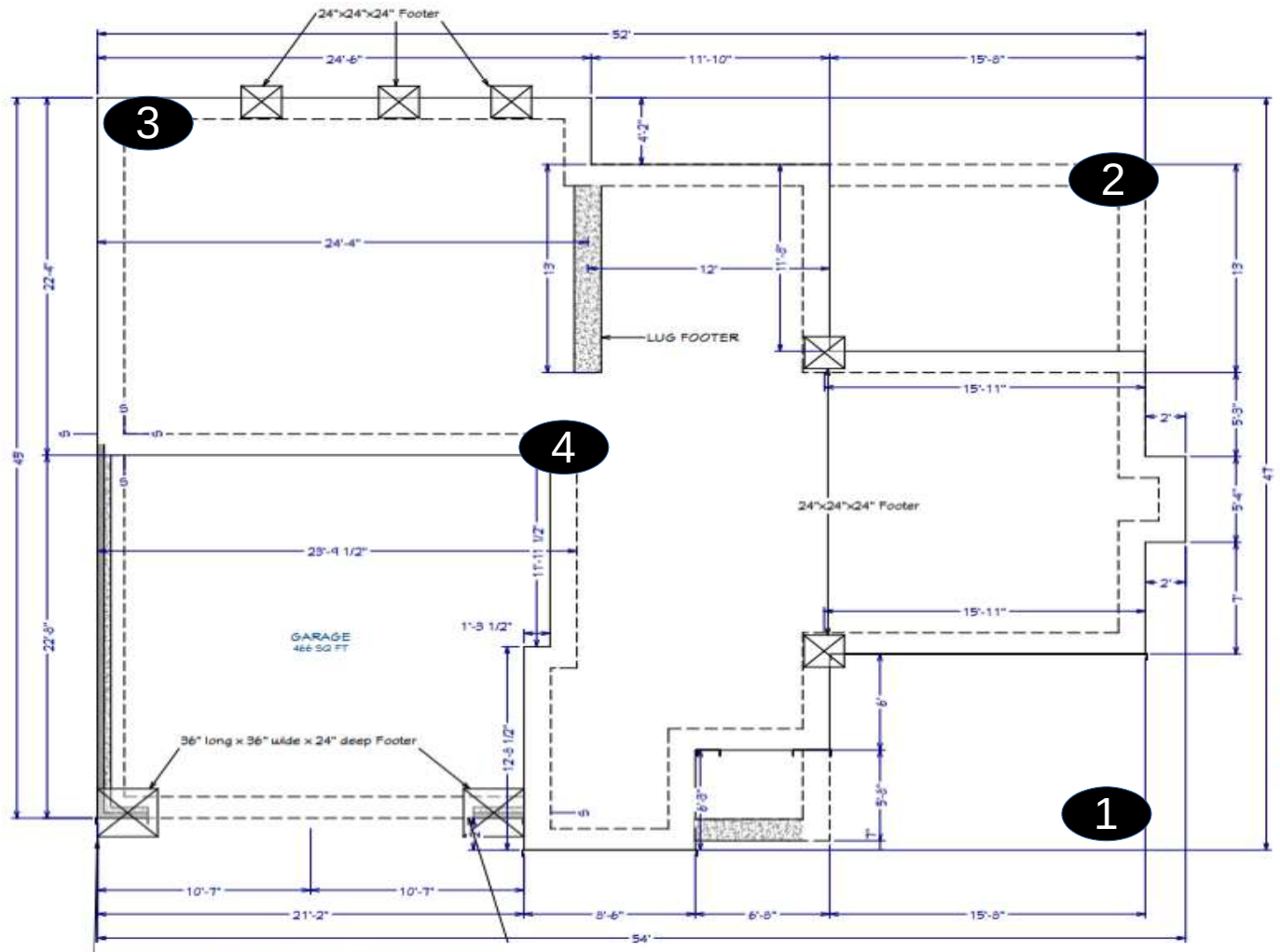
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

ECS 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 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. 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.

ECS will return upon request to provide additional services.

By Caleb J Jackson 1800



Install bottom mat of #4 reinforcing steel (2- #4 bars ea way)in the bottom of the footing on rebar chairs providing a minimum of 3 inches of cover from the bottom of the footing.Ensure a minimum cover of 1 1/2" of cover between the sides of the footing and the edges of the rebar.

FOUNDATION PLAN
Scale: 1/4" = 1'0"

AREA SCHEDULE	
NAME	AREA
1st FLOOR	1,403 SF
2nd FLOOR	1,074 SF
GARAGE	447 SF
FRONT PORCH	35 SF
COVERED PORCH	183 SF
TOTAL HEATED	2,477 SF
TOTAL UNDER ROOF	3,142 SF

PLAN: Anconia

SHEET TITLE: FOUNDATION

PROJECT ADDRESS: 54 Alder Dr. Magnolia Hills Lot 66

DESIGNED BY: Precision Custom Homes, Raeford, NC, Shaun@PrecisionCustomHomesNC.com

DATE: 9/11/25

SCALE: 1/4" = 1'

SHEET: A-2

Caleb Jackson
10/03/2025
Magnolia Hills Lot 66
Proj #: 7095-B1
W/O # 87573

Key (NTS

DCP Test

#

NORTH

NC Registered Firm # F-1519

Report of Foundation Observations

Project: Magnolia Hills Subdivision - Lot 66
Location: 54 Alder Drive
Cameron - Harnett - NC - 28326

ECS Project No. : 33:7095-B1
Date: 10/3/2025

General Location: Home Pad
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	Bottom right corner	W	0' 0"	0' 0"			0' 0"		(-1) orange clay sand (-2,-3) organic sand (-4) tan sand	-1	4,7,8
		D	0' 0"	0' 0"						-2	4,6,8
		L	0' 0"	0' 0"						-3	15,15+
										-4	15,15+
2	Top right corner	W	0' 0"	0' 0"			0' 0"		(-1) orange clay sand (-2) organic sand (-3) tan sand (-4) tan clay sand	-1	8,13,13
		D	0' 0"	0' 0"						-2	7,9,8
		L	0' 0"	0' 0"						-3	8,11,14
										-4	9,11,12
3	Top left corner	W	0' 0"	0' 0"			0' 0"		(-1,-2) orange clay sand (-3) organic sand (-4) tan clay sand	-1	7,8,8
		D	0' 0"	0' 0"						-2	7,7,7
		L	0' 0"	0' 0"						-3	4,6,7
										-4	7,8,9
4	Approximate center of pad	W	0' 0"	0' 0"			0' 0"		(-1,-2) orange clay sand (-3) tan sand (-4) tan clay sand	-1	10,10,15+
		D	0' 0"	0' 0"						-2	8,9,12
		L	0' 0"	0' 0"						-3	9,14,15+
										-4	12,15+

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

By: Caleb J Jackson

ECS Southeast, LLC

WO: 87573

Attachments

Home pad

Figure 1