

LETTER OF TRANSMITTAL

August 07, 2025

Precision Custom Homes

Raeford, NC 28376

ATTN: Shaun Gardner

RE:

Magnolia Hills Subdivision - Lot 21

ECS Job # 33:7095-A1

Permits:

Location:

61 Mahogany Ct

Cameron, NC 28326

Field Reports

X

For your use

As requested

CC:

Precision Custom Homes - Allen Peterson

Precision Custom Homes - Lauren Ceruti

ENCL:

Field Report # 1

8/6/2025

AUG 07 2025

Jack Cowser 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 T 910.401.3288 F 910.323.0539

Project Magnolia Hills Subdivision - Lot 21

Location Cameron, NC

Client Precision Custom Homes

Contractor Precision Custom Homes

FIELD REPORT

Project No. 33:7095-A1

Report No. 1

Day & Date Wednesday 8/6/2025

Weather 77 °/ Rainy

On-Site Time 2.25

Lab Time 0.00

Travel Time* 0.00

Total 2.25

Re Obs Time 0.00

Remarks

Trip Charges* Tolls/Parking* Mileage* Time of Arrival Departure

Chargeable Items 1:45P 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.

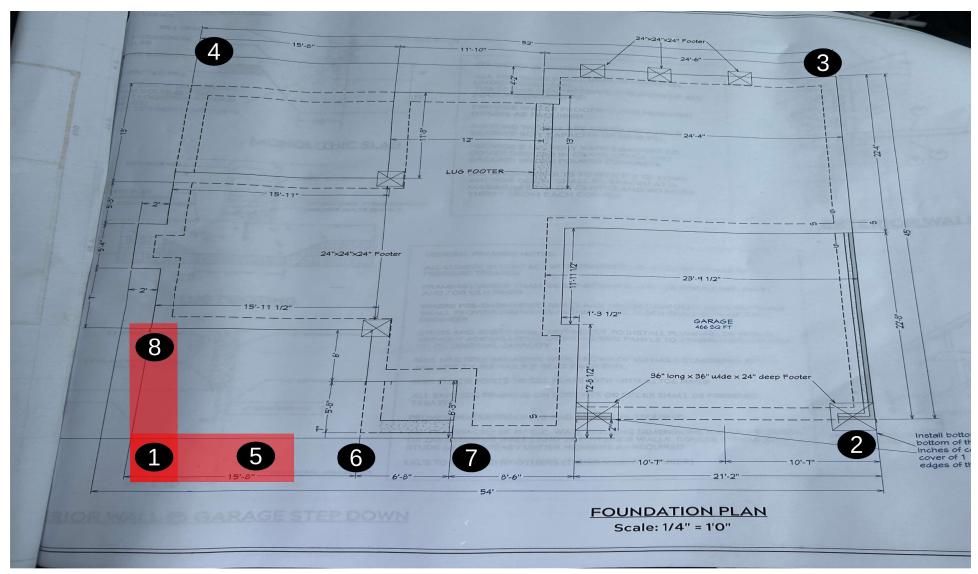
ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for foundation footings. Please see the attached sketch and data sheet for details.

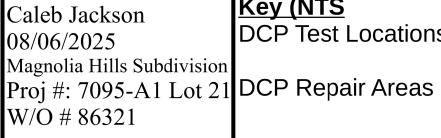
A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 4 feet below the current footing sub grade elevation and 4 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current footing subgrade elevation. The test results indicated that the materials in place (at the locations and elevations tested) did appear to be suitable to support the design bearing capacity of 2000 psf with the exceptions of test location 1.

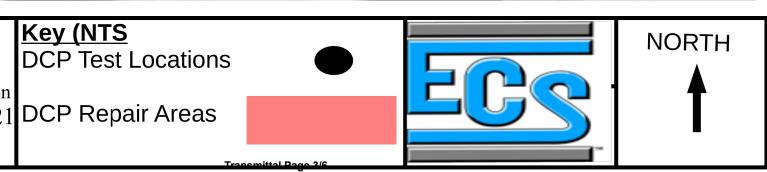
ECS recommends to undercut 2 feet below bottom of footing at the Test Location 1 in the South West Corner 5 feet North and 5 feet East. Once the material has been undercut, ECS recommends backfilling using washed #57 stone wrapped in non-woven fabric.

ECS will return upon request to provide additional services.

By Caleb J Jackson 1800









Report of Foundation Observations

Project: Magnolia Hills Subdivision - Lot 21

Location: 61 Mahogany Ct

Cameron - Harnett - NC - 28326

ECS Project No.: 33:7095-A1

Date: 8/6/2025

General Location: Building Pad Lot 21

Footing Type: Continuous Design Bearing Pressure: 2000

Test Location		Size		Footing Bottom Elevation			Description of Steel	Description of Foundation	Depth of Test*	Number of	
No.	Location		Design	Actual	Design	Actual**	Undercut	Placed	Subgrade Material	Deptil of Test	Blows
1	South West Corner	W	0' 0"	0' 0"					0	3,2,4	
		D	0' 0"	0' 0"			0' 0"		orange clay sand	-1	1,2,1
		L	0' 0"	0' 0"				orange day sand	-2	5,9,10	
								-3	12,13,15+		
2	South East Corner	W	0' 0"	0' 0"						0	6,15+
		D	0' 0"	0' 0"		0' 0"	orange clay sand, tan sand	-1	6,10,11		
		L	0' 0"	0' 0"						-2	3,6,5
										-3	4,10,11
	North East Corner	W	0' 0"	0' 0"		0' 0"	orange clay sand, grey	0	8,14,9		
3		D	0' 0"	0' 0"				-1	4,10,11		
3		L	0' 0"	0' 0"			0 0		tan sand	-2	3,6,4
										-3	4,8,6
	North West Corner	W	0' 0"	0' 0"	-	0' 0"		0	4,8,13		
4		D	0' 0"	0' 0"				orange clay sand, grey	-1	4,8,8	
_		L	0' 0"	0' 0"					tan sand	-2	3,6,5
										-3	3,6,4
	5 feet East of South West Corner	W	0' 0"	0' 0"		0' 0"	orar	orange clay sand, grey tan sand	0	4,3,3	
5		D	0' 0"	0' 0"					-1	3,5,5	
		L	0' 0"	0' 0"					tarrourra		
	10 feet East of South West Corner	W	0' 0"	0' 0"		0' 0"			orange clay sand, grey	0	4,8,7
6		D	0' 0"	0' 0"				tan sand	-1	4,5,4	
		L	0' 0"	0' 0"					33.1.33.1.3		
7	South West Corner	W	0' 0"	0' 0"			0' 0"		orange clay sand, grey tan sand	-1	6,6,7
		D	0' 0"	0' 0"							
		L	0' 0"	0' 0"					tair carra		
8	5 feet North of South West Corner	W	0' 0"	0' 0"					orango clay sand gray	0	6,10,11
		D	0' 0"	0' 0"			0' 0"		orange clay sand, grey tan sand	-1	12,13,13
		L	0' 0"	0' 0"		Transmittal Page 4/6					

NC Registered Firm # F-1519



Panort of Foundation Observations

		Report of Tour	idation observations		
EC9	Project: Location:	Magnolia Hills Subdivision - Lot 21 61 Mahogany Ct	ECS Project No. :	33:7095-A1	
IM	Location.	Cameron - Harnett - NC - 28326	Date:	8/6/2025	

By:	Caleb J Jackson
	ECS Southeast, LLC

WO: 86321

^{*} Depth of DCP, or other methods of determing the soil stiffness

^{**} Subgrade elevation reported by any means the contractor provided

Attachments



Lot 21

Figure 1

