



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

October 29, 2025
 Precision Custom Homes

Raeford, NC 28376
 ATTN: Shaun Gardner

RE: **Magnolia Hills Subdivision - Lot 34**
 ECS Job # **33:7095-B3**

Permits:
 Location: **18 Myrtle Oak Drive**
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 10/27/2025


 NORTH CAROLINA
 PROFESSIONAL
 ENGINEER
 JACK E. COWSER
 15382
OCT 29 2025
 Jack Cowser, 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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Project **Magnolia Hills Subdivision - Lot 34**
 Location **Cameron, NC**
 Client **Precision Custom Homes**
 Contractor **Precision Custom Homes**

FIELD REPORT

Project No.	33:7095-B3
Report No.	1
Day & Date	Monday 10/27/2025
Weather	54 °/ Rainy
On-Site Time	1.00
Lab Time	0.00
Travel Time*	0.00
Total	1.00
Re Obs Time	0.00

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
			1:45P	2:45P
Chargeable Items				

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

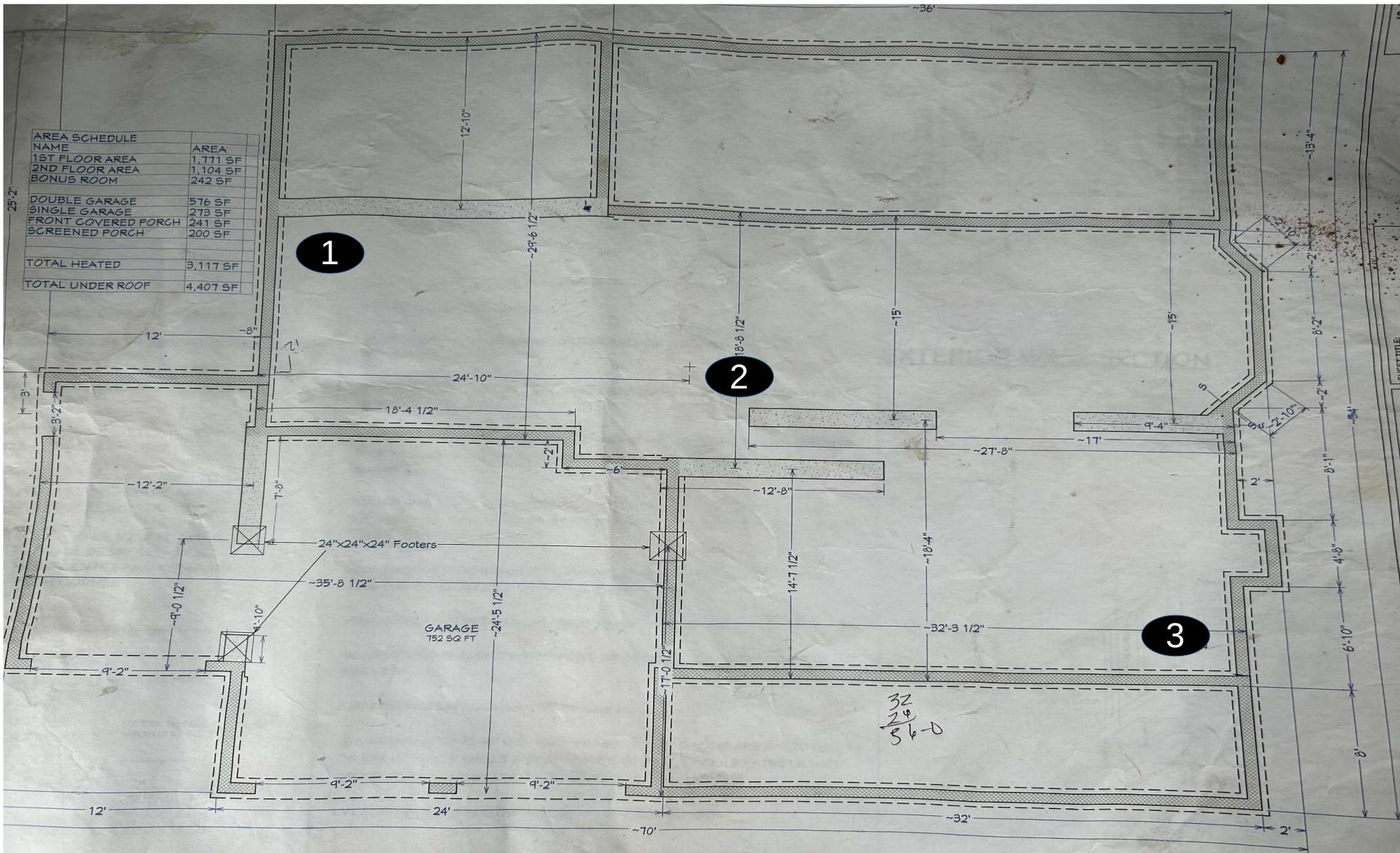
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

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

A total of 3 hand auger/DCP evaluations were performed to a depth of approximately 3 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.

ECS will return upon request to provide additional services.

AREA SCHEDULE	
NAME	AREA
1ST FLOOR AREA	1,771 SF
2ND FLOOR AREA	1,104 SF
BONUS ROOM	242 SF
DOUBLE GARAGE	516 SF
SINGLE GARAGE	273 SF
FRONT COVERED PORCH	241 SF
SCREENED PORCH	200 SF
TOTAL HEATED	3,117 SF
TOTAL UNDER ROOF	4,407 SF



Caleb Jackson
10/27/25
Magnolia Hills Lot 34
Proj #: 7095-B3
W/O # 88211

Key (NTS

DCP Test

#



NORTH



Report of Foundation Observations

Project: Magnolia Hills Subdivision - Lot 34
 Location: 18 Myrtle Oak Drive
Cameron - Harnett - NC - 28326

ECS Project No. : 33:7095-B3
 Date: 10/27/2025

General Location: Home Stem Wall
 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	Top Left Corner	W	0' 0"	0' 0"		0' 0"		(0,-1,-2,-3) orange clay sand	0	6,7,8
		D	0' 0"	0' 0"					-1	6,8,11
		L	0' 0"	0' 0"					-2	8,11,14
									-3	6,9,14
2	Center	W	0' 0"	0' 0"		0' 0"		(0,-1,-2,-3) orange clay sand	0	6,7,8
		D	0' 0"	0' 0"					-1	9,15+
		L	0' 0"	0' 0"					-2	14,15+
									-3	13,13,15+
3	Bottom Right Corner	W	0' 0"	0' 0"		0' 0"		(0,-1) orange clay sand (-2,-4) tan sand	0	4,5,5
		D	0' 0"	0' 0"					-1	4,6,8
		L	0' 0"	0' 0"					-2	4,6,6
									-3	4,5,6

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

** Subgrade elevation reported by any means the contractor provided

By: Caleb J Jackson

ECS Southeast, LLC

WO: 88211

Attachments



Lot 34 Stem Wall

Figure 1