



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

March 30, 2021
Gary Robinson Homes
6200 Ramsey St Suite 200
Fayetteville, NC 28311
ATTN: Steven Turnage

RE: **South Creek Lot 73**
ECS Job # **33:5051-B**

Permits:
Location: **129 Thunder Valley Ct**
Lillington, NC 27546

Field Reports For your use As requested

CC: Gary Robinson Homes - Patsy O'Quinn

ENCL: Field Report # 1 3/30/2021

Jack Edgar Cowsert, P.E.
Senior Project Engineer

Donny Johnson
Field Services Manager

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 **South Creek Lot 73**
 Location **Lillington, NC**
 Client **Gary Robinson Homes**
 Contractor **Gary Robinson Homes**

Project No. **33:5051-B**
 Report No. **1**
 Day & Date **Tuesday 3/30/2021**
 Weather **65 °/ Cloudy**
 On-Site Time **2.00**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **2.00**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			1:30P	3:30P

* 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.

The undersigned arrived on site, as requested, to observe the bearing capacity of backfilled soils for residential stew wall slab. Please see the attached sketch and data sheet.

Utilizing a Dynamic Cone Penetrometer (ASTM STP-399) to check the bearing capacity of soil at the aforementioned locations, the soils appear to be suitable to support a bearing capacity of 2,000 PSF. Soils do appear to have been sufficiently placed and compacted.



Foundation Plan

Third-Car Option

Side Load Option

Optional Covered Porch

1

2

3

Lug Footing Detail

Foundation Detail Siding

Blake



Report of Spread Footing - Foundation Observations

Project: South Creek Lot 73
 Location: 129 Thunder Valley Ct
 Lillington - Harnett - NC - 27546
 Contractor: Gary Robinson Homes

Project No.: 33:5051-B
 Day/Date: 3/30/2021

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation		Description of Steel Placed	Description of Subgrade Material	Required Blow Counts # of Blows / Increment	Design Bearing Pressure
		Design	Actual	Design **	Depth of Undercut (in)				
1	Thunder Valley Lot 73 northeast area lot	x x	x x	N/A	N/A		redish white clay soil; dark and white sandy soil	0':(4,5,5) -1':(6,8,10,) -2':(5,6,8) -3':(5,5,6)	
1	Thunder Valley Lot 73 northeast area lot continued	x x	x x	N/A	N/A		redish white clay soil; dark and white sandy soil	-4':(5,5,6)	
2	Thunder Valley Lot 73 center area lot	x x	x x	N/A	N/A		redish white clay soil; dark and white sandy soil	0':(8,10,10) -1:(6,6,6) -2':(7,7,7) -3':(4,4,5)	
2	Thunder Valley Lot 73 center area lot continued	x x	x x	N/A			redish white clay soil; dark and white sandy soil	-4':(5,6,6)	
3	Thunder Valley Lot 73 northwest area lot	x x	x x	N/A			redish white clay soil; dark and white sandy soil	0':(4,5,6) -1':(2,4,5) -2':(5,5,6)	
3	Thunder Valley Lot 73 northwest area lot continued	x x	x x	N/A	N/A		redish white clay soil; dark and white sandy soil	-3':(6,19,refusal)	

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



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By: Edgar Daniel Magallanes

ECS Southeast, LLP

WO: 168908