



**ECS Southeast, LLC**

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Fayetteville, NC 28304  
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**LETTER OF TRANSMITTAL**

February 12, 2024  
PoP Homes - RDU, LLC

Clayton, NC 27520  
ATTN: Robert Whitfield

RE: **Wondertown Lots**  
ECS Job # **33:6748-A**

Permits:  
Location: **Wondertown Dr**  
**Erwin, NC 28339**

Field Reports       For your use       As requested

CC:

ENCL: Field Report # 2      2/8/2024



**FEB 12 2024**

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.



ECS Southeast, LLC  
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## FIELD REPORT

Project **Wondertown Lots**  
 Location **Erwin, NC**  
 Client **PoP Homes - RDU, LLC**  
 Contractor **PoP Homes - RDU, LLC**

Project No. **33:6748-A**  
 Report No. **2**  
 Day & Date **Thursday 2/8/2024**  
 Weather **55 °/ Sunny**  
 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
Chargeable Items			<b>2:30P</b>	<b>3:30P</b>

\* 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 proposed monolithic slab foundation at Lot 617. The footings have not been excavated. 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 recommends compactive efforts using a jumping jack once the footings are excavated prior to the placement of concrete.

ECS will return, as requested, for additional services.



Chris Johnson  
2/8/2024  
Wondertown Lot 617  
Proj #: 6748-A  
W/O # 76318

**Key (NTS)**  
DCP Test Location



NORTH





## Report of Spread Footing - Foundation Observations

Project: Wondertown Lots  
 Location: Wondertown Dr  
Erwin - Cumberland - NC - 28339  
 Contractor: PoP Homes - RDU, LLC

Project No.: 33:6748-A  
 Day/Date: 2/8/2024

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	Rear Right of Proposed Building Pad if Facing From Road	x x	x x	N/A	N/A		(0)tan clayey sand (-1,-2,-3) brown sandy clay	6	2000
								(0)10,8,8 (-1)3,3,4 (-2) 3,2,3 (-3)5,5,6	
2	Rear Left of Proposed Building Pad if Facing From Road	x x	x x	N/A	N/A		(0)tan rocky clayey sand (-1,-2,-3) brown sandy clay	6	2000
								(0)13,7,8 (-1)4,3,3 (-2) 5,4,4 (-3)6,4,4	
3	Front Left of Proposed Building Pad if Facing From Road	x x	x x	N/A	N/A		(0)tan rocky clayey sand (-1) tan rocky silty sand (-2,-3) brown sandy clay	6	2000
								(0)25+ (-1)9,7,6 (-2) 5,5,6 (-3)7,7,8	
4	Front Right of Proposed Building Pad if Facing From Road	x x	x x	N/A	N/A		(0)tan rocky sand (-1)Augar Refusal	6	2000
								(0)25+	

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

By: Christopher H Johnson

ECS Southeast, LLC

WO: 76317