



**ECS Southeast, LLP**

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**LETTER OF TRANSMITTAL**

November 3, 2020  
Ben Stout Construction  
409 Chicago Dr. Unit 103  
Fayetteville, NC 28306  
ATTN: Robert Ivey

RE: **2695 Darroch Rd**  
ECS Job # **33:5389-A**  
  
Permits:  
Location: **2695 Darroch Rd**  
**Bunnlevel, NC 27546**

Field Reports       For your use       As requested

CC:

ENCL:    Field Report # 2                    11/2/2020

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.



ECS Southeast, LLP  
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## FIELD REPORT

Project **2695 Darroch Rd**  
 Location **Bunnlevel, NC**  
 Client **Ben Stout Construction**  
 Contractor **Ben Stout Construction**

Project No. **33:5389-A**  
 Report No. **2**  
 Day & Date **Monday 11/2/2020**  
 Weather **47 °/ 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>3:30P</b>	<b>4:30P</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.**

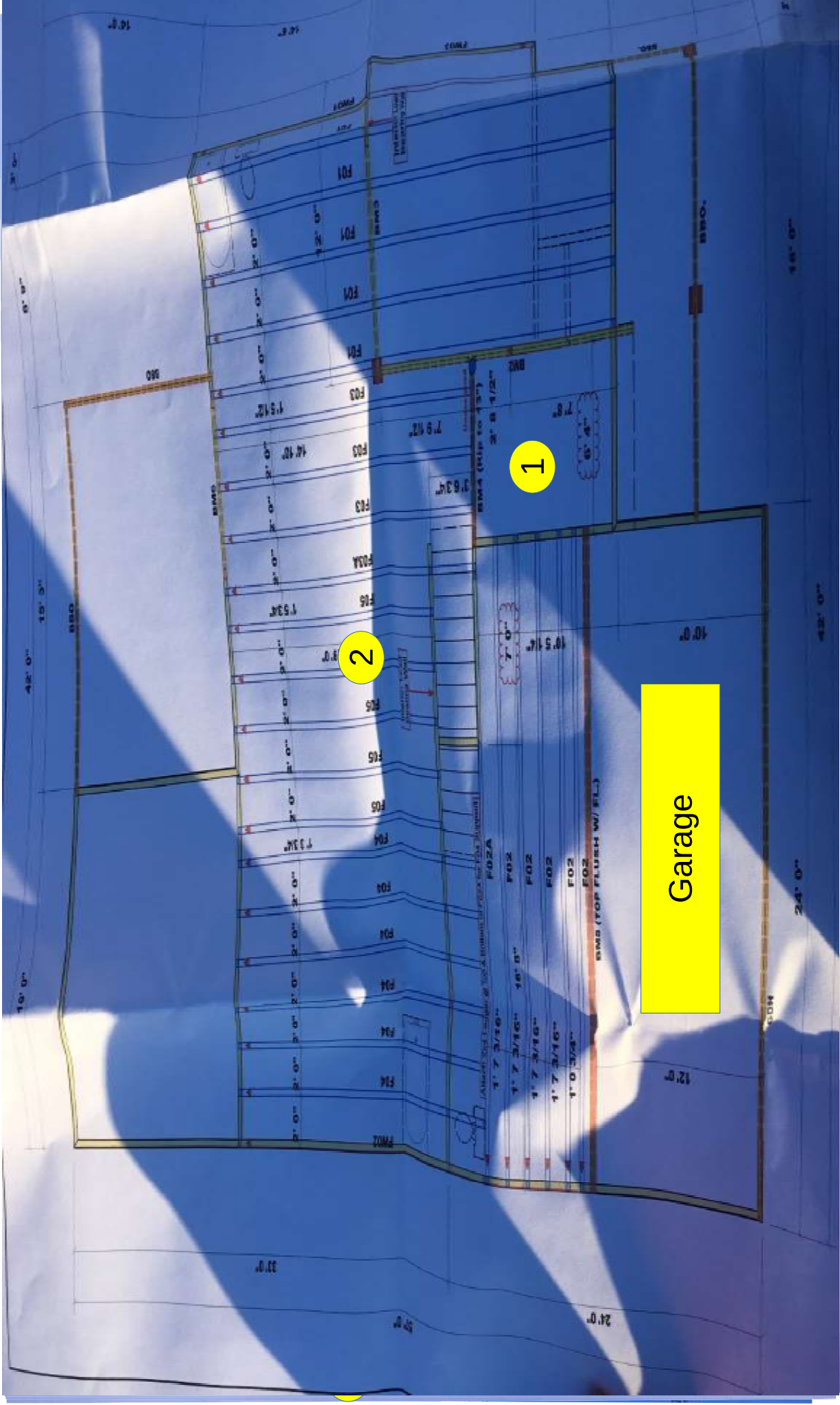
The ECS Representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for foundation footings. Please see the attached sketch and data sheet for details.

A hand auger was used to advance the boreholes to different depths noted on the boring logs. Dynamic Cone Penetrometer (DCP) test were performed in the hand auger boreholes by a 1.5 inch diameter cone driven into the soil by a 15 pound ring weight with a free fall of 20 inches. The number of blows required to drive the cone into the soil a distance of 1.75 inches is termed the DCP Value and is indicated for each test on the hand auger.

A total of 2 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current footing sub grade elevation. It is the opinion of ECS that the materials in place, at the locations and elevations tested, did appear to be suitable to support a design bearing capacity 2000 psf.

Contractor was notified of test results prior to departure from job site.

ECS will return upon request.



NORTH



#

**Key (NTS) Floor**

DCP Location

Garage

Tyler Baxley  
 11/2/2020  
 2695 Darroch Rd  
 Proj # 5389-A  
 W/O # 58995



## Report of Spread Footing - Foundation Observations

**Project:** 2695 Darroch Rd  
**Location:** 2695 Darroch Rd  
 Bunnlevel - Harnett - NC - 27546  
**Contractor:** Ben Stout Construction

**Project No.:** 33:5389-A  
**Day/Date:** 11/2/2020

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	Northeast side	x x	x x	N/A	0		orange sand	6		2000
1	Northeast side	x x	x x	N/A	-1		orange sand - tan sand	6		2000
1	Northeast side	x x	x x	N/A	-2		tan sandy clay	6		2000
1	Northeast side	x x	x x	N/A	-3		stained sand	6		2000
2	Southwest side	x x	x x	N/A	0		orange sand	6		2000
2	Southwest side	x x	x x	N/A	-1		orange sand	6		2000
2	Southwest side	x x	x x	N/A	-2		orange sand - tan sand (dcp tip broke after)	6		2000
									7-18-17	
									13-10-10	

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



## Report of Spread Footing - Foundation Observations

Project: 2695 Darroch Rd  
Location: 2695 Darroch Rd  
Bunnlevel - Harnett - NC - 27546  
Contractor: Ben Stout Construction

Project No.: 33:5389-A  
Day/Date: 11/2/2020

By: Tyler Baxley

ECS Southeast, LLP

WO: 58995