



**ECS Southeast, LLP**

6151 Raeford Road  
Suite A  
Fayetteville, NC 28304  
(910) 401-3288 [Phone]  
(910) 323-0539 [Fax]

**LETTER OF TRANSMITTAL**

August 11, 2020  
Boddie Noell Enterprises, Inc  
1021 Noell Lane PO Box 1908  
Rocky Mount, NC 27802  
ATTN: Tracy Miller

RE: **Hardee's Cameron**  
ECS Job # **5294**  
  
Permits:  
Location: **2471 NC Hwy 87 South**  
**Cameron, NC 28326**

CC: Grade-Rite - Marvin Edmundson

R & L Builders & Sons, LLC - Jose Garcia  
R & L Builders & Sons, LLC - Ricky Barnhill

ENCL: Field Report # 3                      8/11/2020

Jack Edgar Cowsert, P.E.  
Senior Project Engineer

Ryan H. Parrish  
Construction Materials Project 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 supersequent laboratory testing will be presented in separate reports/documents.



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**FIELD REPORT**

Project **Hardee's Cameron**  
 Location **Cameron, NC**  
 Client **Boddie Noell Enterprises, Inc**  
 Contractor **Boddie Noell Enterprises, Inc**

Project No. **5294**  
 Report No. **3**  
 Day & Date **Tuesday 8/11/2020**  
 Weather **90 °/ Sunny**  
 On-Site Time **1.00**  
 Lab Time **0.25**  
 Travel Time\* **1.00**  
 Total **2.25**  
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage* <b>50</b>	Time of Arrival	Departure
Chargeable Items			<b>8:30A</b>	<b>9:30A</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.**

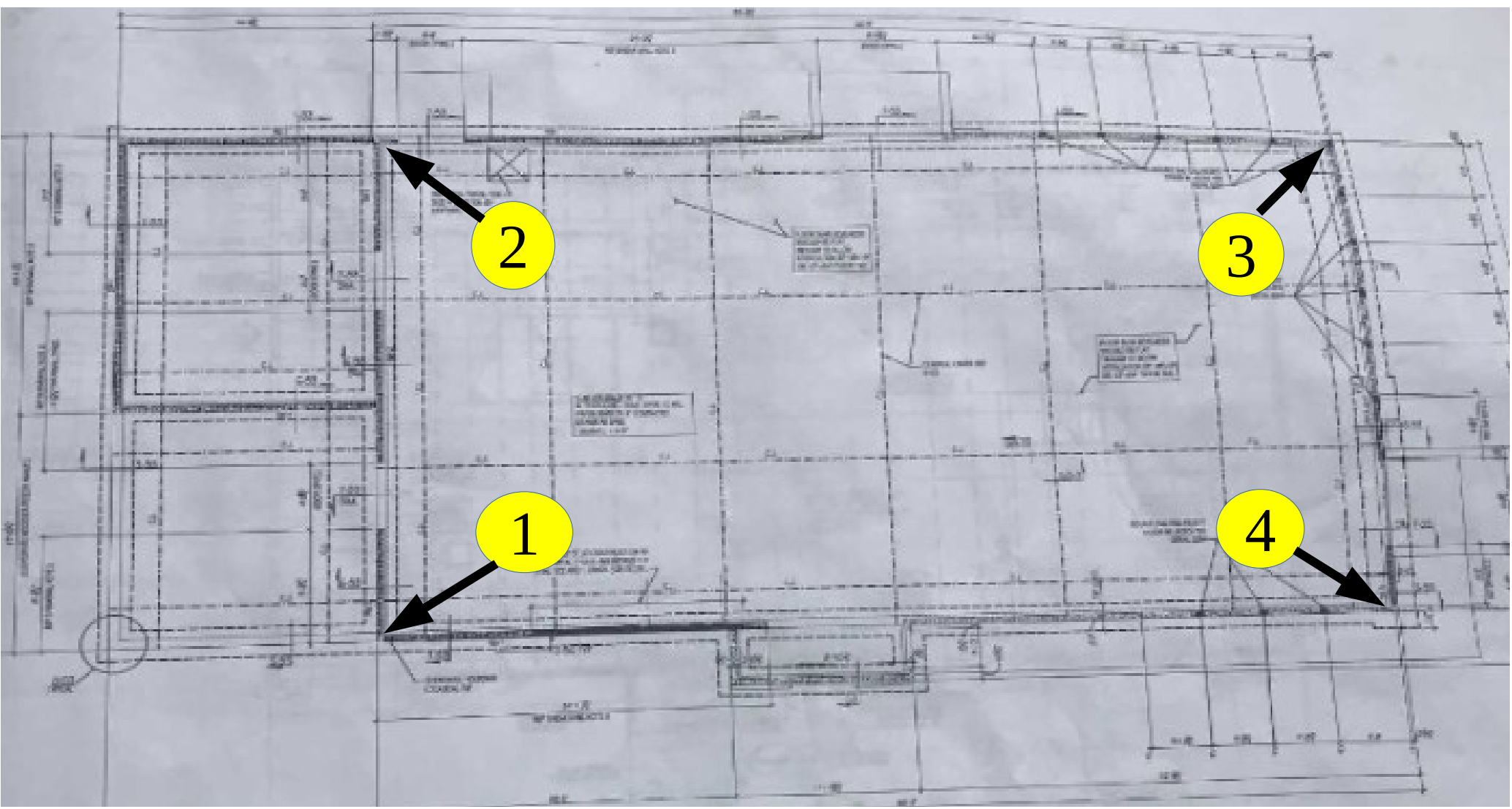
An ECS representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for perimeter strip footings for Hardees Building. Please see the attached sketch for location details.

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

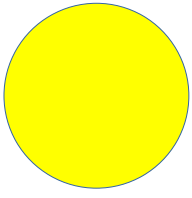
Contractor was notified of results at the time of testing, prior to departure from site.

ECS will return, as requested, to perform additional services.



Joshua Noffsinger  
11 August 2020  
Proj#5294  
WO#58012



Key:  
Test-  




## Report of Spread Footing - Foundation Observations

Project: Hardee's Cameron  
 Location: 2471 NC Hwy 87 South  
 Cameron - Moore - NC - 28326  
 Contractor: Boddie Noell Enterprises, Inc

Project No.: 5294  
 Day/Date: 8/11/2020

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	1	x x	x x	N/A	0		Tan Sand	6 6,6,7	2000
1	1	x x	x x	N/A	-1		Tan Sand	6 7,7,6	2000
1	1	x x	x x	N/A	-2		Tan Sand	6 7,8,8	2000
1	1	x x	x x	N/A	-3		Tan Sand	6 9,8,8	2000
2	2	x x	x x	N/A	0		Tan Sand	6 6,6,7	2000
2	2	x x	x x	N/A	-1		Tan Sand	6 7,7,6	2000
2	2	x x	x x	N/A	-2		Tan Sand	6 7,8,7	2000
2	2	x x	x x	N/A	-3		Tan Sand	6 8,9,9	2000
3	3	x x	x x	N/A	0		Tan Sand	6 6,6,5	2000
3	3	x x	x x	N/A	-1		Tan Sand	6 7,6,6	2000
3	3	x x	x x	N/A	-2		Tan Sand	6 8,7,8	2000



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Project No.: 5294  
 Day/Date: 8/11/2020

3	3	x x	x x	N/A	-3		Tan Sand	6 9,9,8	2000
4	4	x x	x x	N/A	0		Tan Sand	6 6,7,7	2000
4	4	x x	x x	N/A	-1		Tan Sand	6 7,7,7	2000
4	4	x x	x x	N/A	-2		Tan Sand	6 8,9,8	2000
4	4	x x	x x	N/A	-3		Tan Sand	6 9,9,9	2000

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

By: Josh Noffsinger

ECS Southeast, LLP

WO: 58012