

#### ECS Southeast, LLP

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

### LETTER OF TRANSMITTAL

November 7, 2018

Pride Homes 3350 Footbridge Lane, Suite 124 Fayetteville, NC 28306

ATTN: Joe Perkins

**RE:** Marketplace Lot 12

ECS Job # 33:4628

Permits:

Location: 260 Stock Market Dr

Broadway, NC

We are enclosing:

X

Field Reports

<u>X</u>

For your use As requested

ENCL:

Field Report # 1

Dennis D Lowery, P4E3840

Project Engineer

11/06/2018

Ryan H. Parrish

Construction Materials Project Manager



#### **ECS Southeast, LLP**

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Project Marketplace Lot 12

Location Broadway, NC

Client **Pride Homes - Joe Perkins** 

Contractor Pride Homes - Joe Perkins

Remarks

Trip Charges\* Tolls/Parking\* Mileage\* Time of Arrival Departure

Chargeable Items 05:00P 06:00P

FIELD REPORT

1

33:4628

70°/ Sunny

1.00

0.00

0.00

1.00

0.00

**Tuesday 11/06/2018** 

Project No.

Report No.

Day & Date

On-Site Time

Travel Time\*

Re Obs.Time

Weather

Lab Time

Total

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

The undersigned arrived on site, as requested, to observe and evaluate the bearing capacity of soils via hand auger/dcp method for foundations.

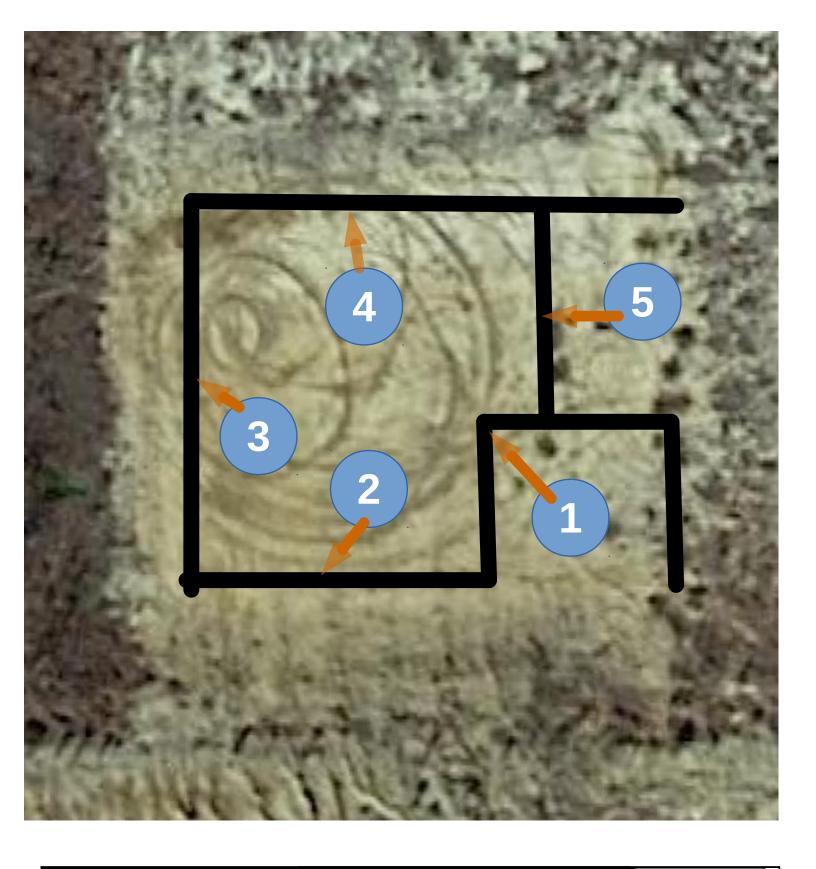
A hand auger was used to advance the boreholes to different depths noted on the boring logs. Dynamic Cone Penetrometer (DCP) test were performed in the hand auger boreholes by a 1.5 inch diameter cone driven into the soil by a 15 pound ring weight with a free fall of 20 inches. The number of blows required 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. Please see the attached sketch and data sheet for details.

A total of 5 hand auger/DCP evaluation(s) were performed to a depth of approximately 3 feet below the current sub grade elevation. Soil encountered was Tan Sandy Gray Orange Clay. DCP blow counts ranged from 6 to 14 blows per increment. It is to the opinion of ECS that the materials in place at test locations in the foundation did appear to be suitable to support the design bearing capacity 2000 psf.

Please see sketch for DCP evaluation locations.

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

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



James Mauldin November 06 2018 260 Stock Market dr Proj #4628 W/O # 49029 **Key** 

DCP Evaluation Location







# **Report of Spread Footing - Foundation Observations**

Project: Marketplace Lot 12	Project No. 4628
Location: 260 Stock Market Dr	Day/Date: 11/06/18

Contractor: Pride Homes
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		Size (V	V x H x L)	Footing Bott	om Elevation			Required Blow Counts	
Footing Number	Location	Design	Actual	Design	Depth of Undercut (in)		Description of Subgrade Material	# of Blows / increment	Design Bearing Pressure
1	1	хх	хх	N/A	0 .			6	
								6,6,7	
1	1	хх	хх	N/A	-1 .			6	1
								8,8,9	
1	1	хх	хх	N/A	-2 .			6	1
								11,11,12	
1	1	хх	хх	N/A	-3 .			6	1
								13,13,14	
2	2	хх	хх	N/A	0 .			6	
								6,7,7	
2	2	хх	хх	N/A	-1 .			6	
								8,9,9	
2	2	хх	хх	N/A	-2 .			6	
								10,10,11	
2	2	хх	хх	N/A	-3 .			6	
								12,12,13	
3	3	хх	хх	N/A	0 .			6	1
								6,7,6	

Ву:	James Mauldin, Jr.				
	ECS Southeast, LLP				



### **Report of Spread Footing - Foundation Observations**

Project: Marketplace Lot 12	Project No. 4628
Location: 260 Stock Market Dr	Day/Date: 11/06/18
Broadway - Lee County - NC - 27505	•

Contractor: Pride Homes

		Size (V	V x H x L)	Footing Bott	om Elevation		Required Blow Counts	
Footing Number	Location	Design	Actual	Design	Depth of Undercut (in)	Description of Subgrade Material	# of Blows / increment	Design Bearing Pressure
3	3	хх	хх	N/A	-1 .		6	
							8,9,9	
3	3	хх	хх	N/A	<b>-2</b> .		6	
							10,10,9	
3	3	хх	хх	N/A	-3 .		6	
							12,13,13	
4	4	хх	хх	N/A	0 .		6	
							7,7,7	
4	4	хх	хх	N/A	-1 .		6	
							8,9,9	
4	4	хх	хх	N/A	-2 .		6	
							11,12,11	
4	4	хх	хх	N/A	-3 .		6	
							12,13,13	
5	5	хх	хх	N/A	0 .		6	]
							6,7,7	
5	5	хх	хх	N/A	-1 .		6	
							8,9,9	<u> </u>

Ву:	James Mauldin, Jr.
	FCS Southeast LLP



## **Report of Spread Footing - Foundation Observations**

Project: Marketplace Lot 12	Project No. 4628	
Location: 260 Stock Market Dr	Day/Date: 11/06/18	
Broadway - Lee County - NC - 27505	•	

Contractor: Pride Homes

		Size (V	V x H x L)	Footing Bott	om Elevation		Required Blow Counts	
Footing Number	Location	Design	Actual	Design	Depth of Undercut (in)	Description of Subgrade Material	# of Blows / increment	Design Bearing Pressure
5	5	хх	хх	N/A	-2 .		6	
							10,10,10	
5	5	хх	хх	N/A	-3 .		6	
							11,12,13	

Ву:	James Mauldin, Jr.				
	ECS Southoost LLD				
	ECS Southeast, LLP				