CPSF16-50040317

6151 Raeford Road
Suite A
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(910) 401-3288 [Phone]
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LETTER OF TRANSMITTAL

October 3, 2018

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

ATTN: Joe Perkins

RE: **Lot 3 Marketplace**

ECS Job # **33:4485-D**

Permits:

Location: **90 Stockmarket Dr.**
Broadway, NC

We are enclosing:

X Field Reports
X For your use
X As requested

ENCL:

Field Report # 1 10/02/2018

NORTH CAROLINA PROFESSIONAL SEAL 043840 ENGINEER DENNIS D. LOWERY

OCT 3 2018

Dennis D Lowery, PE
Project Engineer

Mingo Crowley
Office Manager

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Suite A
Fayetteville, NC 28304
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FIELD REPORT

Project No.	**33:4485-D**
Report No.	**1**
Day & Date	**Tuesday 10/02/2018**
Weather	**83°/ Cloudy**
On-Site Time	**1.25**
Lab Time	**0.25**
Travel Time*	**1.25**
Total	**2.75**
Re Obs.Time	**0.00**

Project	**Lot 3 Marketplace**
Location	**Broadway, NC**
Client	**Pride Homes - Joe Perkins**
Contractor	**Pride Homes - Joe Perkins**

Remarks

Trip Charges* Tolls/Parking* Mileage* **55**

Chargeable Items

Time of Arrival **01:15P** Departure **02:30P**

* 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 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 3 hand auger/DCP evaluation(s) were performed to a depth of approximately 3 feet below the current sub grade elevation. Soil encountered was Red sandy Clay. DCP blow counts ranged from 7 to 12 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

By **Kevin Maynor, — Field Technician** 1800

Report of Spread Footing - Foundation Observations

Project: Lot 3 Marketplace

Location: 90 Stockmarket Dr.
Broadway - Lee - NC - 27505

Contractor: Pride Homes

Project No. 4485-D

Day/Date: 10/02/18

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation			Description of Subgrade Material	Required Blow Counts	Design Bearing Pressure
		Design	Actual	Design	Depth of Undercut (in)			# of Blows / increment	
0	Front Left Footing	x x	x x	N/A			Red Sand Clay	6 9,9,10	200(
0	Center Right Footing	x x	x x	N/A			Red Sand Clay	6 9,8,10	200(
0	Left side Footing	x x	x x	N/A			Red Sand Clay	6 9,9,11	200(
0	Right corner footing	x x	x x	N/A			Red Sand Clay	6 6,8,9	200(
1	Right corner footing	x x	x x	N/A			Red Sand Clay	6 9,9,9	200(
1	Left side Footing	x x	x x	N/A			Red Sand Clay	6 8,8,10	200(
1	Center Right Footing	x x	x x	N/A			Red Sand Clay	6 8,9,10	200(
1	Front Left Footing	x x	x x	N/A			Red Sand Clay	6 10,10,12	200(
2	Center Right Footing	x x	x x	N/A			Red Sand Clay	6 9,9,10	200(

By: Kevin Maynor

ECS Southeast, LLP

Report of Spread Footing - Foundation Observations

Project: Lot 3 Marketplace

Location: 90 Stockmarket Dr.
Broadway - Lee - NC - 27505

Contractor: Pride Homes

Project No. 4485-D

Day/Date: 10/02/18

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation			Description of Subgrade Material	Required Blow Counts	Design Bearing Pressure
		Design	Actual	Design	Depth of Undercut (in)			# of Blows / increment	
2	Left side Footing	x x	x x	N/A			Red Sand Clay	6 9,10,12	200(
2	Right corner footing	x x	x x	N/A			Red Sand Clay	6 11,8,7	200(
3	Right corner footing	x x	x x	N/A			Red Sand Clay	6 7,8,8	200(
3	Left side Footing	x x	x x	N/A			Red Sand Clay	6 9,11,14	200(
3	Center Right Footing	x x	x x	N/A			Red Sand Clay	6 9,9,10	200(
3	Front Left Footing	x x	x x	N/A			Red Sand Clay	6 9,7,8	200(
4	Front Left Footing	x x	x x	N/A			Red Sand Clay	6 9,9,11	200(

By: Kevin Maynor

ECS Southeast, LLP

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