



**ECS Southeast, LLP**

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**LETTER OF TRANSMITTAL**

June 3, 2022  
Homeowner Boyer

Sanford, NC 27330

ATTN: Eric Boyer

RE: **Crown Pointe Lot**  
ECS Job # **33:6055**

Permits:  
Location: **72 Crown Pointe**  
**Sanford, NC 27332**

Field Reports       For your use       As requested

CC:

ENCL: Field Report # 1      6/3/2022      Foundation Soils Bearing



**JUN 03 2022**

Jack Cowsert, P.E.  
Senior Project Engineer

Charles A. Pearson  
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.



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## FIELD REPORT

Project **Crown Pointe Lot**  
 Location **Sanford, NC**  
 Client **Homeowner Boyer**  
 Contractor **None Listed**

Project No. **33:6055**  
 Report No. **1**  
 Day & Date **Friday 6/3/2022**  
 Weather **76 °/ Cloudy**  
 On-Site Time **1.25**  
 Lab Time **0.00**  
 Travel Time\* **0.00**  
 Total **1.25**  
 Re Obs Time **0.00**

Remarks **Foundation Soils Bearing**

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>7:45A</b>	<b>9:00A</b>

\* Travel time and mileage will be billed in accordance with the contract.

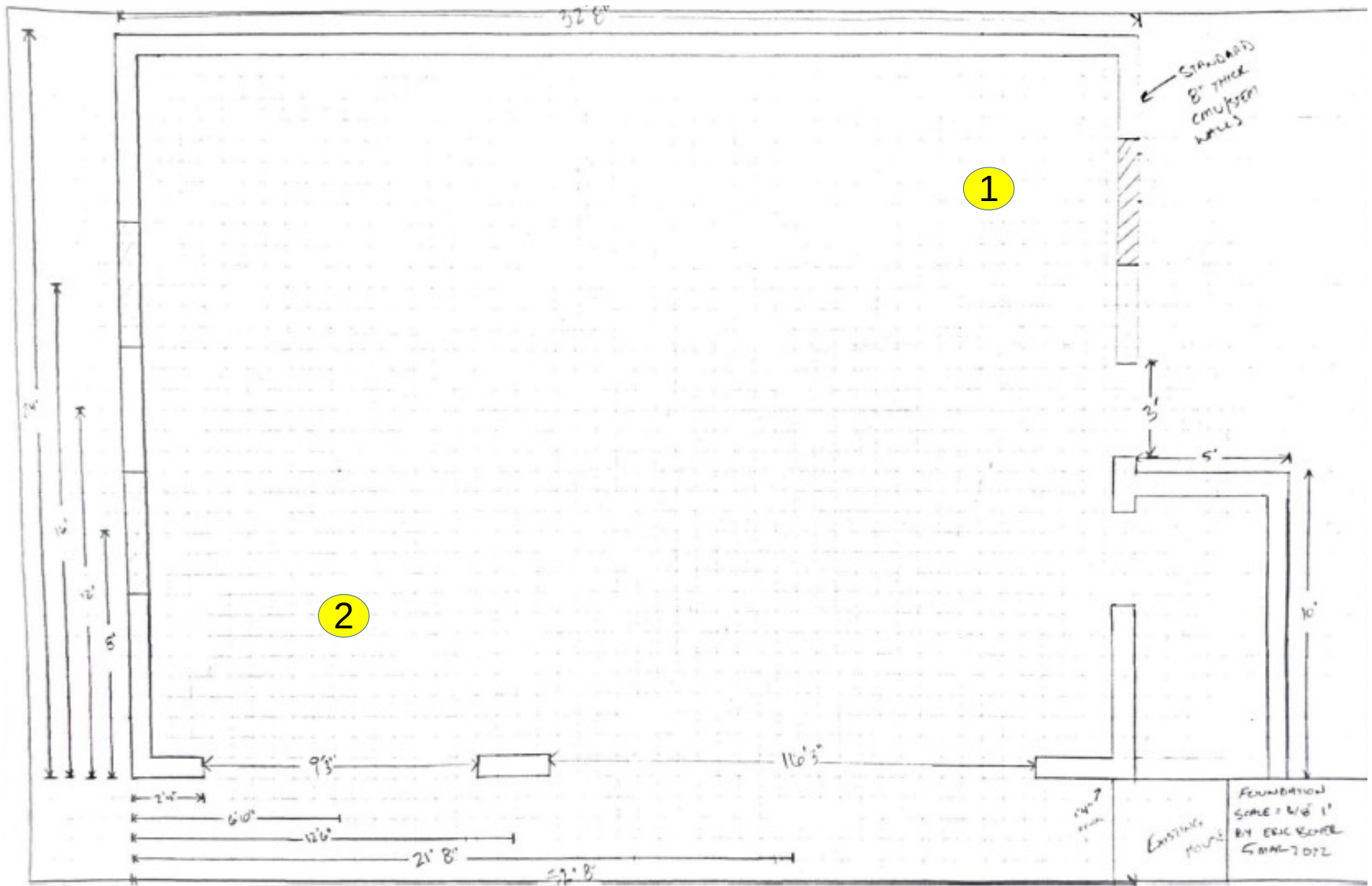
<b>Summary of Services Performed (field test data, locations, elevations &amp; depths are estimates) &amp; Individuals Contacted.</b>
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ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for garage pad fill. 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 attached DCP data sheet.

Test results indicated that the in-place materials, at the locations and elevations tested, appeared to be capable of supporting a design bearing capacity of 2000psf.

ECS will return upon request for additional services.



Marques Rodriguez  
 6/3/2022  
 72 Crown Pointe  
 Proj #: 6055  
 W/O # 67277

**Key (NTS)**

DCP Locations



NORTH





## Report of Spread Footing - Foundation Observations

Project: Crown Pointe Lot  
 Location: 72 Crown Pointe  
Sanford - Lee - NC - 27332  
 Contractor: None Listed

Project No.: 33:6055  
 Day/Date: 6/3/2022

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	North West Backfill	x x	x x	N/A	N/A		(0) Tan Sand (1-3) Brown Sand	6 (0)5,6,5(-1)6,6,7(-2) 5,6,8(-3)7,8,7	2000
2	South East Backfill	x x	x x	N/A	N/A		(0) Tan Sand (1-3) Brown Sand	6 (0)6,8,7(-1)6,5,7(-2) 10,8,6(-3)8,7,7	2000

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

By: Marques Isaiah Rodriguez

ECS Southeast, LLP

WO: 67277