



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

January 21, 2021
Precision Custom Homes

Raeford, NC 28376
ATTN: Mr. Allen Peterson

RE: **Summerlin Lot 60**
ECS Job # **33:5464**

Permits:
Location: **66 Oak Forest Dr**
Sanford, NC 27332

Field Reports For your use As requested

CC: Precision Custom Homes - Brittany Trevino Precision Custom Homes - Shaun Gardner

ENCL: Field Report # 2 1/21/2021

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 **Summerlin Lot 60**
 Location **Sanford, NC**
 Client **Precision Custom Homes**
 Contractor **Precision Custom Homes**

Project No. **33:5464**
 Report No. **2**
 Day & Date **Thursday 1/21/2021**
 Weather **40 °/ Cloudy**
 On-Site Time **1.25**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **1.25**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			8:00A	9:15A

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

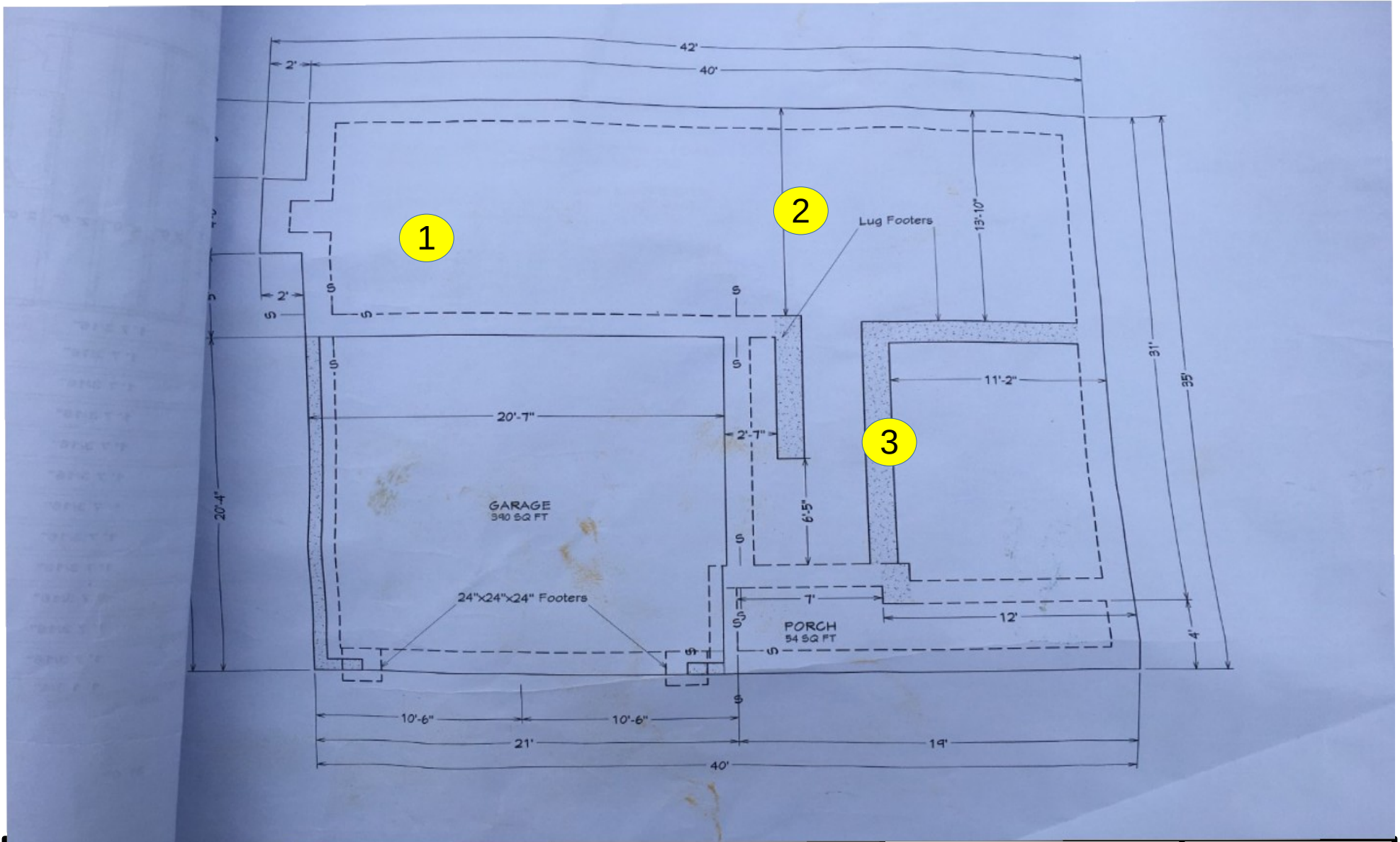
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to check the bearing capacity of backfilled soils via hand auger/DCP method for residential stem wall slab. 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.

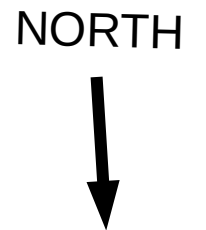
A total of 3 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current soil sub grade elevation. Test results indicated that soils, at the areas and elevations tested, should be capable of supporting a foundation designed for a net allowable bearing capacity of 2000 psf.

ECS will return, upon request.



Tyler Baxley
 1/21/2021
 Lot 60 Summerlin
 Proj # 5464
 W/O # 59862

Key (NTS) Floor
 DCP Location





Report of Spread Footing - Foundation Observations

Project: Summerlin Lot 60
 Location: 66 Oak Forest Dr
 Sanford - Lee - NC - 27332
 Contractor: Precision Custom Homes

Project No.: 33:5464
 Day/Date: 1/21/2021

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	East side	x x	x x	N/A	0		orange sand	6 4-5-6	2000
1	East side	x x	x x	N/A	-1		orange sand	6 5-6-6	2000
1	East side	x x	x x	N/A	-2		orange sand - tan sand	6 7-10-13	2000
1	East side	x x	x x	N/A	-3		tan sand	6 10-15-18	2000
2	South side	x x	x x	N/A	0		orange sand	6 4-6-8	2000
2	South side	x x	x x	N/A	-1		orange sand - stained sand	6 8-13-13	2000
2	South side	x x	x x	N/A	-2		stained sand	6 11-11-11	2000
2	South side	x x	x x	N/A	-3		stained sand	6 11-18-18	2000
3	North side	x x	x x	N/A	0		orange sand	6 4-6-7	2000
3	North side	x x	x x	N/A	-1		orange sand - stained sand	6 7-9-12	2000
3	North side	x x	x x	N/A	-2		stained sand	6 17-17-25+	2000



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3	North side	x x	x x	N/A	-3		stained sand	6 25+	2000
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** SGE: Subgrade Elevation to be determined by surveyor.

By: Tyler Baxley

 ECS Southeast, LLP

WO: 59862