Regency
P O Box 25640
Fayetteville, NC 28314

01/17/2022

Attention : Dan

RE: Daily Field Report for 01/14/2022
185 Blue Yonder Way (CMT) Sanford, NC
Building & Earth Project No : RD211004

Ladies and Gentlemen:

On this date, representative(s) of Building & Earth were present to perform construction material testing services at this project site. Our testing and observations for this date include the following:

FO-3 : Field Observations made on this date.

- DCP - Retest — Passed
- Project Management Review — Passed

Comment 1 : All areas of the main slab including interior footings probed identical to the passed test area. The porch box and other isolated box (small room attached to the garage) are receiving the depth of the probe rod and need to be addressed prior to further construction.

ST-3 : In place field density testing was performed for Finished Subgrade Soils -Building. The field density testing was performed in general accordance with ASTMD1556, using the results of field one-point as compared to the laboratory proctors. One(1) in-place field density test was performed on this date. The testing results indicate that in-place compaction and moisture content at the location and depth tested meet or exceed the specified requirements outlined in the project plans and specifications. For additional details of our testing, please refer to the attached Field Density Test Report.

Closing

The testing and observations identified above have been reviewed by our project manager. If you have questions regarding this information, please do not hesitate to contact us.

Respectfully Submitted,
Building & Earth Sciences, LLP

Enclosures : FO-3, ST-3

NORTH CAROLINA PROFESSIONAL SEAL 024482 ENGINEER KURT A. MILLER

610 Spring Branch Road
Dunn, NC 28334
Phone 910-292-2085 Fax 910-292-2192
www.BuildingandEarth.com

Rachael Heath
Reviewed By

Field Observations Report

Project Name:	**185 Blue Yonder Way (CMT) Sanford, NC**	Project Number:	**RD211004**
Client Name:	**Regency**	Placement#:	**FO-3**
Contractor:	**Regency**	Technician:	**Bruce Rohr**
Monitoring:	**DCP**		

1 : DCP - Retest Passed

Our evaluation included hand rod probing and advancing hand auger with Dynamic Cone Penetrometer (DCP) testing. Based upon our hand rod probing, the soils are firm/loose to a depth of 1 inches. To confirm these results, hand auger borings were advanced at 1 locations across the building envelope. At 12-inch increments in the hand auger boring, to a depth of 3 feet, Dynamic Cone Penetrometer (DCP) Testing was performed in accordance with ASTM STP-399. The following data was retrieved from this testing:

All areas of the main slab including interior footings probed identical to the passed test area. The porch box and other isolated box (small room attached to the garage) are receiving the depth of the probe rod and need to be addressed prior to further construction.

Test 1: [Front Right Corner]

-- Depth----"N"------Soil Color---USCS--------Notes:
--- ESG -- 12 ----- Processed Fill ----------
--- -1' --- 15+ --- Processed Fill ----------
--- -2' --- 10 ----- Processed Fill ----------
--- -3' --- Auger Refusal: Stone Encountered

2 : Project Management Review Passed

On this date, our representatives returned to the site for re-testing. Based upon our re-testing, the recommended repairs have been accomplished, and the building pad is now acceptable for the placement of concrete.

Additionally, inclement weather (rain or snow), as well as construction traffic across the pad, can compromise the stability and support characteristics of the surface soils. If the surface soils become compromised, it will be necessary to return to the site for re-testing. This decision should be executed by your onsite Quality Control and Superintendents.

Comments

Comment	Log Date	Log Time
All areas of the main slab including interior footings probed identical to the passed test area. The porch box and other isolated box (small room attached to the garage) are receiving the depth of the probe rod and need to be addressed prior to further construction.	01/17/2022	10:11:27

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Field Observations Report

Project Name:	**185 Blue Yonder Way (CMT) Sanford, NC**	Project Number:	**RD211004**
Client Name:	**Regency**	Placement#:	**FO-3**
Contractor:	**Regency**	Technician:	**Bruce Rohr**
Monitoring:	**DCP**		

Photographs

Picture ID	Retest Location
36878	

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Reviewed By

BUILDING & EARTH
Geotechnical, Environmental, and Materials Engineers

ST-3

Test Date: 01/14/2022
Field Technician: Bruce Rohr
Tests requested by: N/R
Results provided to: N/R

Report of Field Density Testing

Project Name:	185 Blue Yonder Way (CMT) Sanford, NC	Ambient Temperature:	32-50
Project Number:	RD211004	Weather:	Mostly Sunny
Project Location:	Sanford, NC	Wind Conditions:	Calm
Client:	Regency	Results Provided To:	N/R
Contractor:	Regency	Superintendent:	N/R

Notes:
1 Test location by technician
2 Elevation by Contractor
3 Fill/backfill placed prior to technician arriving

Design & Specification Data

Area ID	Area Description	Depth (ft)	Test Method	% Compaction	Moisture Range	
					Min	Max
FSG-Bldg	Finished Subgrade Soils -Building	0.0 - 2.0	ASTM D-698	95 %	- 10.0	+ 10.0

Laboratory Proctors

Proctor ID	Description of Material	USCS/AASHTO	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
1-point			128.0	8.5%

Density Test Data

Test #	IDs		Test Type	Location	Probe Depth (in)	Elev. (ft)	Dry Density(pcf)	% Moisture	% Compaction	Result
	Area	Proctor								
1	FSG-Bldg	1-point	ASTMD1556	Finished Subgrade Soils -Building : Front Right Corner :		FSG	122.4	8.0	96%	PASS

Equipment Used:
Last Calibration:
Standard Counts:
Density:
Moisture:

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