

# FOUNDATION OBSERVATIONS REPORT

**Report Number:** 70241180.0008  
**Service Date:** 03/10/25  
**Report Date:** 03/14/25  
**Task:** Soils-Concrete Testing



3150 Spring Forest Rd Ste 100  
Raleigh, NC 27616-2810  
919-873-2211 Reg No: F-0869

## Client

3D Community Church Inc  
Attn: Mel Manning  
658 Graham Road  
Sanford, NC 27332

## Project

3D Community Church  
658 Graham Road  
Sanford, NC 27332

Project Number: 70241180

## General Information

Jeff Moore with Ecclesia Construction requested Terracon to be on site for Foundation Observations. Work is being performed by NCS Concrete. The results of observation(s) for today were reported to Jeff Moore with Ecclesia Construction.

## Foundation and Soil Bearing Information

The near surface bearing materials were evaluated at the foundation(s) listed below. Bearing materials observed at the time of our visit were assumed to be at design bearing elevation unless noted otherwise. The bearing materials were evaluated utilizing the following method(s): dynamic cone penetrometer (DCP). Terracon observed the foundation(s) detailed below for the following items (as applicable): bearing pressure, bearing strata, size, and cleanliness.

**Design Bearing Pressure(s) (psf) = 2000**

Test No./Element/ Location	Test Results	Bearing Strata	Status
(1) Continuous Footing(s)/ C/1	BOF: 9,10,9 -1': 7,10,10 -2': 10,9,9 -3': 10,8,9	Dry Tan sand Native	Complies
(2) Continuous Footing(s)/ E/1	BOF: 10,9,9 -1': 8,9,9 -2': 10,9,8 -3': 10,9,9	Dry Orange Tan Sand Native	Complies
(3) Continuous Footing(s)/ G/2	BOF: 9,10,10 -1': 8,9,9 -2': 9,10,10 -3': 10,11,11	Dry Orange Tan Sand Native	Complies
(4) Continuous Footing(s)/ G/6.5	BOF: 7,9,10 -1': 9,10,10 -2': 10,10,11 -3': 15+	Dry Orange Tan Sand Native	Complies
(5) Continuous Footing(s)/ F/8	BOF: 10,10,11 -1': 11,10,10 -2': 15+ -3': A/R	Dry Orange Tan Sand Native	Complies
(6) Continuous Footing(s)/ D/8	BOF: 9,9,10 -1': 8,7,9 -2': 9,10,9 -3': 8,10,10	Dry Orange Tan Sand Native	Complies
(7) Continuous Footing(s)/ C/6.5	BOF: 9,9,10 -1': 8,8,9 -2': 9,9,10 -3': 10, 9, 8	Dry Orange Tan Sand Native	Complies
(8) Continuous Footing(s)/ C/2.5	BOF: 8,8,9 -1': 9,10,9 -2': 8,8,9 -3': 7,9,9	Dry Orange Tan Sand Native	Complies

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

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## Additional Comments

Evaluation and testing of foundation bearing materials typically consist of observation of the subgrade soils along with sampling and testing the soils to shallow depths below the assumed design bearing elevation at the location(s) indicated above. Small hand-operated equipment is typically used. As such, the results are limited by the means and methods used to obtain them. It should be noted that soil conditions not readily identified by these means may affect foundation performance.

## Compliance Statement

Based on our observations of the foundation excavation(s), if the near-surface bearing materials remain consistent with depth, the foundation excavation(s) at the above reference location(s) appear to be in general accordance with the project plans and specifications.

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**Services:** Evaluate excavated foundation subgrades for minimum design bearing capacity.

**Terracon Rep.:** Danny Vena

**Reported To:** Jeff Moore with Ecclesia Construction

**Contractor:** NCS Concrete

**Report Distribution:**

(1) 3D Community Church Inc, Mel Manning

(1) Ecclesia Construction Company LLC, Jeff Moore

**Reviewed By:**

rvw2: dbc

Alex Bullard  
Project Manager

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## Photo Log

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(P1) Foundation observation.



(P2) Foundation observation.

## Photo Log

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(P3) Foundation observation.



(P4) Foundation observation.

