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Report No: FRL:03533627-13

Issue No: 1

These test results apply only to the specific locations and materials noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc. If a non-compliance appears on this report, to the extent that the reported non-compliance impacts the project, the resolution is outside the PSI scope of engagement.

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 4/8/2022

Foundation Report

Client: CORE STATES GROUP
3039 PREMIERE PARKWAY
SUITE 700
DULUTH, GA 30097

CC: C FAIRBANKS, CHRIS DIAMOND, G
HELLBUSCH, HEDI HEINZ, J SANCHAZ,
JOSE SANCHEZ, L MCKINZY, MIKE
REBER, S KESHETTY, SUNIL DUBEY

Project: CHASE BANK-LEE'S SUMMIT
LEE'S SUMMIT, MO

General Details

Date: 4/7/2022

Technician: Anthony Stoetzel

Weather: Sunny and Mild

Foundation

Foundation I.D.		Footing Dimension ⁽¹⁾		Depth of Excavation from Ground Surface (in) ⁽²⁾	Bearing Soil Type (Visual Classification – USCS)	Design Bearing Pressure (PSF)	Required Shear Strength From Design (TSF)	Spring Loaded Penetrometer Reading* (TSF)	Correlated Shear Strength (TSF)	Depth Below Footing (in)	Status
Type	Grid Location	Design	Actual								
C	Pads E(1-6), 1(A-E), A(1-6)	4'6"6" & 7'6" sq. pads	Per design	36	Brown Clay trace gravel and sand	2300	N/A	2.00		8	1
C	GB E(1-6), 1(A-E), A(1-6)	2'	2'	36	Brown clay	1900	N/A	2.50		8	1

Remarks

Undercuts / Repairs (due to soft soil conditions)

Legend:

A = Column Footing
B = Wall Footing
C = Wall Footing with Column Pads
D = Mat

¹ Record width for wall footings and length by width for column footings.

² Depth of excavation as measured from present ground surface.

Status:

1= Tests indicate Adequate Soil Strength
2= Tests indicate Insufficient Soil Strength
3= Footing Accepted after Subgrade Amendment

* Indicates Field Calibrated Penetrometer, which consists of a hand-held calibrated spring-loaded cylinder. Calibrated penetrometer provides estimated unconfined compressive strength in tons per square foot (TSF).
*ELE International 29-3729

- Any soil(s) which become loose or soften(s) as a result of additional construction or exposure to the elements (rain, freezing temperatures, etc.) must be removed from the excavation prior to placement of concrete.
- Soil penetrometer readings are given on an indexed value of the unconfined compressive strength of the soil. Based on the soil being consistent within the foundation's zone of influence below the prepared surface, the bearing capacity is a function of the unconfined compressive strength.
- Due to the nature of this instrument, the report should only be used to confirm or deny anticipated soil conditions. It should not be construed as a soil survey of this site. The above data are only valid for the locations and elevations shown, and do not indicate bearing capacity or strength below the lowest elevation tested.