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Report No: FDR:03533627-13

Issue No: 1

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

Field Density Test Report

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

CC: C FAIRBANKS
CHRIS DIAMOND
GREG HELLBUSCH
J SANCHAZ
L MCKINZY
S KESHETTY
SUNIL DUBEY

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

Testing Details

Tested By:	Anthony Stoetzel	Date Tested:	4/7/2022
Field Methods:	ASTM D 6938		
Contractor:	Leavcon	Gauge Make/Model:	Troxler
Test Mode:	Direct Transmission	Standard Count: Density:	2629
Serial Number:	72753	Standard Count: Moisture:	715
Weather:	sunny and mild		

Proctor Information

Sample ID	Material	Method	MDD (lb/ft ³)	OWC (%)
03533627-1-S2	Dk Br fat clay w/tr grvl & sand	ASTM D 698 (A)	98.9	22.0

Test Results

Test No.	Method	Proctor Sample ID	Probe Depth (in.)	Wet Density (lb/ft ³)	Water Content (%)	OWC Var (%)	OWC Var Spec (%)	Dry Density (lb/ft ³)	Comp (%)	Comp Spec (%)	Results
1	D 6938	03533627-1-S2	8	119.9	24.3	+2.3	0 to +3	96.5	97.6	≥95	A
2	D 6938	03533627-1-S2	8	120.9	23.9	+1.9	0 to +3	97.6	98.7	≥95	A

Location

General Location: SE corner of building pad

Test No.	Location	Test Elev/Depth	Material/Layer
1	SE corner of building pad	-3'FG	Backfill
2	SE Corner of building pad	-3'FG	Backfill

Comments

Legend

OWC = Optimum Water Content
MDD = Maximum Dry Density
A = TEST RESULTS COMPLY WITH SPECIFICATION