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Report No: FDR:03534146-9

Issue No: 1

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Field Density Test Report

Client: HCA MANAGEMENT SERVICES, LP
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CC: DAVID PANTO
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Project: LEE'S SUMMIT MEDICAL CENTER
LEE'S SUMMMIT, MO

Approved Signatory: Mahdi Sahafnia (Staff Engineer)
Date of Issue: 10/16/2025

Testing Details

Tested By: Gary Williams **Date Tested:** 9/22/2025
Field Methods: ASTM D 6938
Gauge Make/Model: Troxler **Test Mode:** Direct Transmission
Standard Count: Density: 2281 **Serial Number:** 70165
Standard Count: Moisture: 660

Proctor Information

Sample ID	Material	Method	MDD (lb/ft³)	OWC (%)
03534146-3-S1	Dark Brown XXX Clay w/gravel	ASTM D698	107.0	22.3

Test Results

Test No.	Method	Proctor Sample ID	Probe Depth (in.)	Wet Density (lb/ft³)	Water Content (%)	OWC Var (%)	OWC Var Spec (%)	Dry Density (lb/ft³)	Comp (%)	Comp Spec (%)	Results
1	D 6938	03534146-3-S1	8	122.7	20.3	-2.0	-3 to +3	102.0	95.3	≥95	A
2	D 6938	03534146-3-S1	8	125.4	22.6	+0.3	-3 to +3	102.3	95.6	≥95	A
3	D 6938	03534146-3-S1	8	124.3	19.8	-2.5	-3 to +3	103.8	97.0	≥95	A
4	D 6938	03534146-3-S1	8	122.7	20.3	-2.0	-3 to +3	102.0	95.3	≥95	A

Location

General Location: Parking north side

Test No.	Location	Test Elev/Depth
1	East end	-0.5
2	West end	-0.5
3	East end	Rough grade
4	West end	Rough grade

Comments

Legend

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