



Construction Material Testing and Inspection Report

Report #: 23-1200-DR-2025-07-29

KCK Office

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Client:

Griffin Riley Property Group
21 SE 29th Terrace
Lee's Summit, Missouri, 64082

Project:

23-1200
Residences at Blackwell - Lee's Summit
50 Hwy and Blackwell
Lee's Summit, Missouri

GENERAL INFORMATION

Activity Date	July 29, 2025	Temperature	85 °F
Technicians	Ken Burnett	Weather	Sunny

COMPACTION TESTING

Location	OTHER
Location Details	Reserve at Blackwell - Plumbing trenches for lots 8, 9, and 55
Specifications Referenced	
Engineer of Record	
Compaction Test Type	ENGINEERED_FILL

Nuc Gauge

Make	Troxler	Model	3430
Serial Number	69469	Gauge Number	11

Samples

Sample Number	Soil Type	Soil Description	Maximum Dry Density (pcf)	Optimum Moisture (%)	Compaction Spec (%)	Moisture Range	
						Min (%)	Max (%)
1	CH	Brown silty clay	99.4	22.4	95	0	4

Tests

Test Number	Test Location	Sample Number	Depth/Elevation	In Place Wet Density (pcf)	In Place Dry Density (pcf)	In Place Moisture Content (%)	Compaction (%)
1	Reserve at Blackwell Lot 55 plumbing trench	1	-2	121.0	97.3	24.36	97.89
2	Reserve at Blackwell Lot 55 plumbing trench	1	0	118.3	95.5	23.87	96.08
3	Reserve at Blackwell Lot 8 plumbing trench	1	-2	119.3	96.4	23.76	96.98
4	Reserve at Blackwell Lot 8 plumbing trench	1	0	117.0	95.5	22.51	96.08
5	Reserve at Blackwell Lot 9 plumbing trench	1	-2	121.0	96.6	25.26	97.18
6	Reserve at Blackwell Lot 9 plumbing trench	1	0	120.7	96.5	25.08	97.08

The observations detailed above were found to be in substantial compliance with the project documents.