Kansas City Testing & Engineering, LLC
1141 Southwest Blvd.
Kansas City, KS 66103
Phone: 913-321-8100
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IN-PLACE DENSITY: K47584

CLIENT: WOODLAND OAKS LLC
656 BAYBERRY LN, STE 101
LEE'S SUMMIT, MO 64063

REPORT NO: K47584
REPORT DATE: 7/29/2022
SERVICE DATE: 7/18/2022

PROJECT: R20-22-093
WOODLAND OAKS FINAL PLAT

AUTHORIZATION:
CONTRACTOR:

SERVICES: Perform in-place density and moisture content tests to determine the degree of field compaction.

Gauge

Type	Serial No.	Test Mode	Density Current	Density Previous	Moisture Current	Moisture Previous
TROXLER 3430	19989	Direct Transmission	1470		689	

Requirements

	Density Method	Density Specification	Moisture Method	Moisture Specification
A	ASTM D6938	>=95%	ASTM D3017	-3% / +2% of optimum

Test Proctors

No.	Test Type	Material	Optimum Moisture	Max Density	Reference
1	STANDARD PROCTOR ASTM D698, Method B	GRAY BROWN SILTY CLAY	20.8%	101 pcf	K47485

Results

No.	Location	Probe Depth	Lift/Elev	Proctor	Field Moist.	Opt. Moist.	Moist. Result (Req.)	Dry Density (pcf)	Max Density (pcf)	Compaction %	Density Result (Req.)
1	Woodland Oak Drive at lots 3 and 4	6	-3	1	19.2%	20.8%	Pass (A)	101.3	101.0	100%	Pass (A)
2	Woodland Oak Drive at lots 2 and 3	6	-3	1	18.7%	20.8%	Pass (A)	100.1	101.0	99%	Pass (A)
3	Woodland Oak Drive at lots 1 and 2	6	-2	1	18.9%	20.8%	Pass (A)	104.0	101.0	103%	Pass (A)

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Additional Comments

Performed tests on road subgrade fill. Locations listed based on adjacent lots.

TECHNICIAN: DANIEL TRIPP
ENGINEERING TECHNICIAN

REPORT DISTRIBUTION:
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PROJECT MANAGER