Kansas City Testing & Engineering, LLC
1141 Southwest Blvd.
Kansas City, KS 66103
Phone: 913-321-8100
https://www.kctesting.com

KANSAS CITY TESTING & ENGINEERING, LLC

IN-PLACE DENSITY: K47671

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

REPORT NO: K47671
REPORT DATE: 7/29/2022
SERVICE DATE: 7/21/2022

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 3440	21653	Direct Transmission	1644	1656	645	646

Requirements

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

Kansas City Testing & Engineering, LLC
1141 Southwest Blvd.
Kansas City, KS 66103
Phone: 913-321-8100
https://www.kctesting.com

KANSAS CITY TESTING & ENGINEERING, LLC

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 Oaks Circle Station 8 +00	12	-2'	1	20.2%	20.8%	Pass (A)	98.4	101.0	97%	Pass (A)
2	Woodland Oaks Circle Station 9+02	12	-2'	1	18.2%	20.8%	Pass (A)	103.0	101.0	102%	Pass (A)
3	Woodland Oaks Circle Station 9+02	12	-3'	1	22.3%	20.8%	Pass (A)	96.2	101.0	95%	Pass (A)
4	Woodland Oaks Circle Station 9+02	12	-4'	1	20.9%	20.8%	Pass (A)	97.0	101.0	96%	Pass (A)
5	Woodland Oaks Circle Station 10 +00	12	-1'	1	20.9%	20.8%	Pass (A)	96.7	101.0	96%	Pass (A)
6	Woodland Oaks Circle Station 10 +00	12	-2'	1	21.8%	20.8%	Pass (A)	97.3	101.0	96%	Pass (A)
7	NE Woodland Oak Drive Station 4 +00	12	0'	1	19.7%	20.8%	Pass (A)	104.1	101.0	103%	Pass (A)
8	NE Woodland Oak Drive Station 4 +00	12	-1'	1	19.7%	20.8%	Pass (A)	102.9	101.0	102%	Pass (A)
9	NE Woodland Oak Drive Station 3 +00	12	0'	1	18.3%	20.8%	Pass (A)	102.5	101.0	101%	Pass (A)
10	NE Woodland Oak Drive Station 3 +00	12	-1'	1	19.5%	20.8%	Pass (A)	102.7	101.0	102%	Pass (A)
11	NE Woodland Oak Drive Station 2 +00	12	0'	1	18.7%	20.8%	Pass (A)	100.8	101.0	100%	Pass (A)
12	NE Woodland Oak Drive Station 2 +00	12	-1'	1	21.1%	20.8%	Pass (A)	101.2	101.0	100%	Pass (A)

TECHNICIAN: Jon Shrout
Engineering Technician

REPORT DISTRIBUTION:
DANA WIENCEK
ADAM NACKE
STEVE ROBBINS

KANSAS CITY TESTING & ENGINEERING, LLC,

JIM BYRNES, R.G.
PROJECT MANAGER