

IN-PLACE DENSITY: K47620

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

REPORT NO: K47620
REPORT DATE: 7/19/2022
SERVICE DATE: 7/19/2022

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	115277	Direct Transmission	1358		706	

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

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	NE Woodland Dr, Sta 4+00	08	-1' bsg	1	20.1%	20.8%	Pass (A)	102.0	101.0	101%	Pass (A)
2	NE Woodland Dr, Sta 4+00	08	-2' bsg	1	21.0%	20.8%	Pass (A)	99.6	101.0	99%	Pass (A)
3	NE Woodland Dr, Sta 3+00	08	-1' bsg	1	19.3%	20.8%	Pass (A)	102.2	101.0	101%	Pass (A)
4	NE Woodland Dr, Sta 3+00	08	-2' bsg	1	20.5%	20.8%	Pass (A)	101.1	101.0	100%	Pass (A)
5	NE Woodland Dr, Sta 2+00	08	-1' bsg	1	19.8%	20.8%	Pass (A)	103.2	101.0	102%	Pass (A)

TECHNICIAN: PHILLIP ANDERSON
 Project Manager

REPORT DISTRIBUTION:
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