

Report Of: Report of In-Place Moisture and Density
Lab No: 15335-1
Report No: C24T2055-0013
Project No: C24T2055
Client: CTYSCACO
Page 1 of 2
Client: Cityscape Construction - Tudor, LLC
Tom Vernizzi
10 W Carmel Dr
Ste 200
Carmel, IN 46032

Project: Evren Apartments - Lee's Summit, MO

Report Date: 03/28/2025

Service Date: 03/27/2025

Technician: Lammers, Parker

Client PO:
Location: 25 NE Tudor Rd, Lee's Summit, MO 64086

| Proctor No | Proctor Date | Optimum Moisture (%) | Maximum Dry Density (pcf) | Color / Description | Atterberg Limits | | |
|------------|--------------|----------------------|---------------------------|---|------------------|---------------|------------------|
| | | | | | Liquid Limit | Plastic Limit | Plasticity Index |
| 2055KV1 | 03/15/2025 | 25.8 | 90.4 | Reddish Brown / Clay | 49 | 23 | 26 |
| 2055KV2 | 03/15/2025 | 23.0 | 96.8 | Brown / Dark Brown / Clay | 43 | 21 | 22 |
| 2055KV3 | 03/15/2025 | 21.2 | 99.1 | Light Brown W/ Gry Brown / Clay with trace organics | 45 | 20 | 25 |
| 2055KV4 | 03/15/2025 | 21.5 | 95.6 | Light Brown and Brown / Clay | 41 | 20 | 21 |

Specification

| Specification No. | Compaction, % | Moisture Band | |
|-------------------|---------------|---------------|---------|
| | | Minimum | Maximum |
| 1 | | -2.0 | 2.0 |

Location Group: building pad 8

| Test No. | Depth | Elevation | Location | Wet Density (pcf) | Moisture Content % | Dry Density (pcf) | Proctor Number | Spec. No. | Moisture Deviation | Percent Proctor Density |
|----------|-------|-----------|-----------------------------------|-------------------|--------------------|-------------------|----------------|-----------|--------------------|-------------------------|
| 38 | 10 | -2 ft | North, South center 15 ft E of W | 112.5 | 29.5* | 86.9 | 2055KV1 | 1 | +3.7 | 96.1 |
| 39 | 10 | -1.5 ft | North, South center, 25 ft W of E | 113.1 | 22.1 | 92.6 | 2055KV2 | 1 | -0.9 | 95.7 |
| 40 | 10 | -2 ft | Retset #38 | 114.5 | 27.6 | 89.7 | 2055KV1 | 1 | +1.8 | 99.2 |
| 41 | 10 | -1 ft | North South center, 20 ft E of W | 114.6 | 43.1* | 80.1 | 2055KV2 | 1 | +20.1 | 82.8* |
| 42 | 10 | -1 ft | Retest #41 | 117.0 | 31.2* | 89.2 | 2055KV2 | 1 | +8.2 | 92.2* |
| 43 | 10 | -1 ft | Retest #41 | 113.0 | 35.0* | 83.7 | 2055KV2 | 1 | +12.0 | 86.5* |
| 44 | 10 | -1 ft | Retest #41 | 114.9 | 26.8* | 90.6 | 2055KV4 | 1 | +5.3 | 94.8* |
| 46 | 10 | -1 ft | North south center, 10 ft E of W | 120.9 | 22.2 | 98.9 | 2055KV3 | 1 | +1.0 | 99.8 |
| 47 | 10 | 0 | North South center, 20 ft W of E | 119.0 | 19.2 | 99.8 | 2055KV3 | 1 | -2.0 | 100.7 |

Location Group: Parking area E of Entrance from commerce st.

| Test No. | Depth | Elevation | Location | Wet Density (pcf) | Moisture Content % | Dry Density (pcf) | Proctor Number | Spec. No. | Moisture Deviation | Percent Proctor Density |
|----------|-------|-----------|----------------------------------|-------------------|--------------------|-------------------|----------------|-----------|--------------------|-------------------------|
| 45 | 10 | -1 | center of parking area | 113.4 | 18.0* | 96.1 | 2055KV4 | 1 | -3.5 | 100.5 |
| 48 | 10 | -5 ft | North south center, 30 ft W of E | 124.1 | 18.1* | 105.1 | 2055KV3 | 1 | -3.1 | 106.1 |
| 49 | 10 | -5 ft | North south center, 40 ft E of W | 121.7 | 17.7* | 103.4 | 2055KV3 | 1 | -3.5 | 104.3 |

Orig: Cityscape Construction - Tudor, LLC

Attn: Tom Vernizzi (1-ec copy)

1-ec Cityscape Residential, LLC Attn: Tim Mertz

1-ec Cityscape Construction - Tudor, LLC

Attn: Shawn Bartholomew

1-ec Cityscape Construction - Tudor, LLC

Attn: Lyndsey Diffey

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Location: 25 NE Tudor Rd, Lee's Summit, MO 64086

Gauge No.: 31615

Daily Standard Counts: 03/28/2025

DS: 1599

MS: 605

Test Mode: direct trans.

Test Methods: ASTM D2922, D3017

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Respectfully Submitted,

Kaw Valley Engineering



Glenn Schouten, Materials Engineer