

Report Of: Report of In-Place Moisture and Density
Lab No: 15232-1
Report No: C24T2055-0007
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: 03/25/2025

Service Date: 03/24/2025

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
2055KV3	03/15/2025	21.2	99.1	Light Brown W/ Gry Brown / Clay with trace organics	45	20	25

Specification

Specification No.	Compaction, %	Moisture Band	
		Minimum	Maximum
1	95	-2.0	2.0
2	95	0.0	4.0

Location Group: building 6

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
19	6	-3 ft	SW corner of North-West section of building pad	118.7	26.5	93.8	2055KV1	2	+0.7	103.8
20	8	-3 ft	south corner at center of "L" shaped building pad	122.5	26.8	96.6	2055KV1	2	+1.0	106.9

Location Group: building 8

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
8	8	-3 ft	15 ft in from SW corner of building pad	113.9	17.8*	96.7	2055KV3	1	-3.4	97.6
9	8	-3 ft	20 ft in from NW corner of building pad	120.7	15.2*	104.8	2055KV3	1	-6.0	105.8
10	8	-3 ft	Retest #9	123.7	17.6*	105.2	2055KV3	1	-3.6	106.2
11	8	-3 ft	20 ft from NE corner of building pad	116.3	18.7*	98.0	2055KV3	1	-2.5	98.9
12	8	-3 ft	20 ft in from SE corner of building pad	116.6	18.1*	98.7	2055KV3	1	-3.1	99.6
13	8	-3 ft	Retest #11	120.8	17.4*	102.9	2055KV3	1	-3.8	103.8
14	8	-3 ft	Retest #12	121.1	21.7	99.5	2055KV3	1	+0.5	100.4

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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15	8	-3 ft	Retest #8	112.8	16.1 *	97.2	2055KV3	1	-5.1	98.1
16	8	-3 ft	Retset #8	118.1	18.9 *	99.3	2055KV3	1	-2.3	100.2
17	8	-3 ft	Center of West half of building pad	118.1	23.0	96.0	2055KV3	1	+1.8	96.9
18	8	-3 ft	Center of E half of building pad	112.3	19.2	94.2	2055KV3	1	-2.0	95.1

Gauge No.: 31830

Daily Standard Counts: 03/24/2025


DS: 1701 MS: 601

Test Mode: direct trans.

Test Methods: ASTM D2922, D3017

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Respectfully Submitted,
Kaw Valley Engineering


Glenn Schouten, Materials Engineer