

Report Of: Report of In-Place Moisture and Density
Lab No: 15652-1
Report No: C24T2055-0031
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: 04/14/2025

Service Date: 04/08/2025

Technician: Lane, Samuel

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
2055KV2	03/15/2025	23.0	96.8	Brown / Dark Brown / Clay	43	21	22
2055KV5	03/27/2025	9.2	131.0	Gray / LS Screenings	15	14	1

Specification

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

Location Group: Building Pad 1

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
149	6	2 ft	NE	111.2	16.6	95.4	2055KV2	2	-6.4	98.6
150	6	5 ft	SE	114.7	19.3	96.1	2055KV2	2	-3.7	99.3
151	6	6 ft	SW	119.9	21.2	98.9	2055KV2	2	-1.8	102.2
152	6	4 ft	NW	120.0	25.5	95.6	2055KV2	2	+2.5	98.8
153	6	4 ft	NW	122.9	19.8	102.6	2055KV2	2	-3.2	106.0
154	6	2-3 ft	2nd lift, NE	115.5	20.4	95.9	2055KV2	2	-2.6	99.1
155	6	3 ft	center	123.5	20.1	102.8	2055KV2	2	-2.9	106.2
156	6	4 ft	SE	122.9	21.1	101.5	2055KV2	2	-1.9	104.9
157	6	6 ft	SW	123.4	19.1	103.6	2055KV2	2	-3.9	107.0

Location Group: Building Pad 5

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
143	4	4 in	center E	137.3	5.6*	130.0	2055KV5	1	-3.6	99.2
144	4	4 in	center W	137.4	6.0*	129.6	2055KV5	1	-3.2	98.9
145	4	4 in	NW	144.4	7.5	134.3	2055KV5	1	-1.7	102.5
146	4	4 in	SW	145.2	9.4	132.7	2055KV5	1	+0.2	101.3
147	4	4 in	SE	138.4	6.9*	129.5	2055KV5	1	-2.3	98.9

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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Technician: Lane, Samuel

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

Location Group: Building Pad 5

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
148	4	4 in	NE	142.0	6.9*	132.8	2055KV5	1	-2.3	101.4
158	4	4 in	Retest #143	145.6	8.6	134.1	2055KV5	1	-0.6	102.4
159	4	4 in	Retest #144	145.9	8.1	135.0	2055KV5	1	-1.1	103.1
160	4	4 in	SW	145.4	8.4	134.1	2055KV5	1	-0.8	102.4
161	4	4 in	NW	146.8	7.1*	137.1	2055KV5	1	-2.1	104.7
162	4	4 in	Retest #148	142.5	7.2	132.9	2055KV5	1	-2.0	101.5
163	4	4 in	Retest #147	144.7	8.9	132.9	2055KV5	1	-0.3	101.5
164	4	8 in	New Lift, SE	136.4	7.3	127.1	2055KV5	1	-1.9	97.0
165	4	8 in	SW	135.1	6.4*	127.0	2055KV5	1	-2.8	97.0
166	4	8 in	NW	128.2	5.4*	121.6	2055KV5	1	-3.8	92.8*
167	4	8 in	NE	131.9	6.6*	123.7	2055KV5	1	-2.6	94.4*

Gauge No.: 17120

Daily Standard Counts: 04/08/2025

DS: 1415

MS: 625

Test Mode: direct trans.

Test Methods: ASTM D2922, D3017

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Respectfully Submitted,

Kaw Valley Engineering



Glenn Schouten, Materials Engineer