

September 23, 2025

Mr. Brian Maenner
Vice President of Development
Intrinsic Development
3622 Endeavor Avenue
Columbia, Missouri 65201

RE: Special Inspection Report No. 1
Discovery Park Pet Spa
1921 NE Trails Edge Boulevard
Lee' Summit, Missouri
Report Period: April 27, 2025 to May 31, 2025
Permit No.: PRCOM20243938
UES Project No.: A23129.00089.007
Legacy Project No: J044702.08

Dear Mr. Maenner:

This letter with attachments will constitute our Special Inspection transmittal for the above referenced project. Representatives of UES have provided field observation and testing services for subgrade materials and structural fill during the report period. Our services have been provided on a part-time basis as scheduled by representatives of Goebel Mitts Construction. The compliance of materials or work not observed by our personnel is not addressed, or implied, by this or any previous report.

Summary of Activities

Subgrade Materials

Following the removal of vegetation, the subgrades for the building pad and parking lot were observed on May 1, May 6, and May 21. The exposed grades were observed with respect to stability and moisture content prior to fill placement. The exposed grades were also proofrolled with an off-road dump truck to aid in evaluating the stability of the underlying soils.

Structural Fill

Field density tests and visual observations were performed in the clay fill placed within the footprint of the proposed building and parking lot, elevation 969.8 to 970.5, on May 2. The fill was placed in approximately 8-inch lifts and compacted with a vibrating sheepsfoot roller.

Field density tests and visual observations were performed in the crushed limestone placed as low-volume-change (LVC) material within the proposed building pad, elevation 970.6, on May 23. The fill was placed in approximately 8-inch lifts and compacted with a smooth drum vibratory roller.

The above field density test results were evaluated using existing moisture-density (standard Proctor) relationship tests. Results of the field density tests are enclosed.

Status of Compliance

The specific items discussed above in this report appeared to be in general compliance with the contract documents.

Closure

The results of our field observations and testing were reported to authorized personnel during our site visits. If you have any questions regarding this report, or if we may be of further service, please contact us.

Respectfully submitted,



Peter F. Brull, P.E.
Senior Engineer

A handwritten signature in blue ink, appearing to read "Steve Damron".

Steve Damron
CMT Department Manager

Attachments: Field Density Test Results

cc: Mr. Joe Frogge – City of Lee's Summit
Mr. Aaron Addis – Intrinsic Development
Mr. John Grahovac – Intrinsic Development
Mr. Forrest Walsh – Intrinsic Development
Mr. AJ Dolph – Rosemann & Associates, PC
Ms. Cindy Senecal – McClure Vision
Mr. Dustin Heitman – Goebel Mitts Construction
UES S.I. File

**Discovery Park Pet Spa
Variance/Discrepancy List**

NOTE: Items resolved during the report period are shaded

Variance Number	Date Opened	Date Closed	Description
-			



Client: Intrinsic Development
 Project: A23129.00089.007
 Discovery Pet Spa J044702.08
 Lee's Summit, MO

Field Density Test Results

Report Date: 05/02/2025

Area Being Filled: Building pad and parking lot

Description of Fill Material: (1) CLAY - grey with brown, shaley, lean - (CL)
 (2) CLAY - yellow- brown with gray, fat, trace weathered shale - (CH)

TABULATION OF FIELD DENSITY TEST RESULTS (ASTM D6938)

Test No.	Test Location	Elevation (feet) +/-	Max. Dry Den. @ Optimum Moisture (pcf @ %)	In Place Dry Density (pcf)	In Place Moisture (%)	Probe Depth	Percent Compaction	Moisture Tolerance (-/+)	Min. Comp. Spec. (%)	Result
1	Building pad 10' south 68' west	969.8	111.5@15.0 ⁽¹⁾	111.20	16.20	8"	99.7	0.1/4.0	95	Pass
2	Building pad 30' south 20' west	969.8	111.5@15.0 ⁽¹⁾	109.20	16.10	8"	97.9	0.1/4.0	95	Pass
3	Building pad 108' south 68' west	969.8	111.5@15.0 ⁽¹⁾	111.70	16.40	8"	100.2	0.1/4.0	95	Pass
4	Building pad 20' south 73' west	970.5	111.5@15.0 ⁽¹⁾	110.40	16.10	8"	99.0	0.1/4.0	95	Pass
5	Building pad 100' south 68' west	970.5	111.5@15.0 ⁽¹⁾	112.50	15.50	8"	100.9	0.1/4.0	95	Pass
6	Building pad 10' south 20' west	970.5	105.2@19.6 ⁽²⁾	107.20	20.70	8"	101.9	0.1/4.0	95	Pass
7	Parking lot 50' north 15' east	969.0	105.2@19.6 ⁽²⁾	109.40	19.90	8"	104.0	0.1/4.0	95	Pass
8	Parking lot 45' north 30' east	968.5	105.2@19.6 ⁽²⁾	100.70	20.80	8"	95.7	0.1/4.0	95	Pass

Remarks: Reference point: Building pad northeast corner
 Finished grade = 972.0

UES Representative: SETH THOMAS. LITTLESTONE

Report Date: 05/23/2025

Area Being Filled: Building pad

Description of Fill Material: (3) 4602-25: limestone screenings

TABULATION OF FIELD DENSITY TEST RESULTS (ASTM D6938)

Test No.	Test Location	Elevation (feet) +/-	Max. Dry Den. @ Optimum Moisture (pcf @ %)	In Place Dry Density (pcf)	In Place Moisture (%)	Probe Depth	Percent Compaction	Moisture Tolerance (-/+)	Min. Comp. Spec. (%)	Result
1	Building pad 110' south 10' east	970.6	129.1@8.6 ⁽³⁾	126.20	3.70	6"	97.8	--/--	95	Pass
2	Building pad 10' south 12' east	970.6	129.1@8.6 ⁽³⁾	123.30	3.80	6"	95.5	--/--	95	Pass
3	Building pad 10' south 60' east	970.6	129.1@8.6 ⁽³⁾	122.70	4.20	6"	95.0	--/--	95	Pass
4	Building pad 110' south 60' east	970.6	129.1@8.6 ⁽³⁾	123.10	3.20	6"	95.4	--/--	95	Pass

Remarks: Reference point: Building pad northwest corner
 Finished grade = 971.6

UES Representative: AUGUSTUS PAUL. SPANO