



REPORT OF CONCRETE CYLINDER TEST

1100 W Cambridge Circle Drive, Suite 700 Kansas City, Kansas 66103
913.627.9040

Client: NLV Development Company, LLC
Address: 3152 SW Grandstand Circle
Lee's Summit, Missouri 64081

Project Name: Pergola Park 5th Flat
Lee's Summit, MO

Attn: Russell Pearson
Report Date: 4/11/2023

Report No: 22-5392 CYL 430
Technician: M. Duke

FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

Date Placed: 4/4/2023
Placement Description: Curb
Location of Sample: Sta: F1+02 Median

Material: Concrete

Time Batched: 10:29
Time Sampled: 10:50
Batch Size (Yds): 7
Sample Method: Truck

Weather: Sunny
Ambient Temp: 79
Concrete Temp: 73
(ASTM C1064)

Water Added: n/a
Design Strength (PSI): 4000

	Specification	Actual
Slump (Inches): (ASTM C143)	2 Max	1.25
Air Content (%): (ASTM C231)	5-8	6.5
Unit Weight: (ASTM C138)	NR	

Supplier: Geiger
Truck No: 377
Ticket No: 875863
Mix No: KCMMB 4K PSI (0-2")

LABORATORY TEST RESULTS (ASTM C 39)

Set #	Test Date	Age	Diameter	Area	Load	Strength	Percent of Design	Type of Fracture
430	4/11/2023	7	4.00	12.57	51120	4,070	101.8%	3
430	5/2/2023	28	4.00	12.57		0	0.0%	
430	5/2/2023	28	4.00	12.57		0	0.0%	
430	5/2/2023	28	4.00	12.57		0	0.0%	
430	HOLD							

Average 28 Day Strength: 0
Sampling Fresh Concrete: ASTM C172
Remarks: No Deviations Noted

Respectfully Submitted,

COOK, FLATT & STROBEL ENGINEERS, P.A.

Adam McEachron, P.E | Senior Project Engineer

