



REPORT OF CONCRETE CYLINDER TEST

1100 W Cambridge Circle Drive, Suite 700 Kansas City, Kansas 66103
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Client: NLV Development Company, LLC
Address: 3152 SW Grandstand Circle
Lee's Summit, Missouri 64081

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

Attn: Russell Pearson

Report No: 22-5392 CYL 415

Report Date: 4/10/2023

Technician: A. Fisher

FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

Date Placed: 4/3/2023
Placement Description: Curb & Gutter
Location of Sample: SW Corner of Site

Material: Concrete

Time Batched: 9:18
Time Sampled: 9:50
Batch Size (Yds): 10
Sample Method: Truck

Weather: Sunny
Ambient Temp: 57
Concrete Temp: 59
(ASTM C1064)

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

	Specification	Actual
Slump (Inches): (ASTM C143)	2	1.5
Air Content (%): (ASTM C231)	6	5.4
Unit Weight: (ASTM C138)	NR	

Supplier: Geiger
Truck No: 452
Ticket No: 875756
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
415	4/10/2023	7	4.00	12.57	53300	4,240	106.0%	3
415	5/1/2023	28	4.00	12.57		0	0.0%	
415	5/1/2023	28	4.00	12.57		0	0.0%	
415	5/1/2023	28	4.00	12.57		0	0.0%	
415	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

