



# 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 Plat  
Lee's Summit, MO

Attn: Russell Pearson

Report No: 22-5392 CYL 416

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: 1:30  
Time Sampled: 2:30  
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: 377  
Ticket No: 874794  
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
416	4/10/2023	7	4.00	12.57	51730	4,120	103.0%	3
416	5/1/2023	28	4.00	12.57		0	0.0%	
416	5/1/2023	28	4.00	12.57		0	0.0%	
416	5/1/2023	28	4.00	12.57		0	0.0%	
416	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

