

# Compressive Strength of Concrete

Test Method: ASTM C 39

Report Date: 07/16/2024

Sample: 446801

## Alpha Omega Geotech, Inc

1701 State Avenue  
Kansas City, KS 66102  
Phone: 913-371-0000

## Client:

Ward Development  
1120 NW Eagle Ridge Blvd  
Grain Valley, MO 64029

## Project:

230529  
Lakewood Business Center Lot 1  
NE Maguire Blvd  
Lee's Summit, MO 64064

### Sample Details

Set #:	3	Technician:	William Connelly	Batched:	11:30 CDT
Specimen Size:	4" X 8"	Cast By:	William Connelly	Sampled:	12:05 CDT
Specimens In Set:	5	Date Cast:	06/13/24	Cast:	12:20 CDT
Truck / Ticket #:	424 / 94369	Sampled From:	Chute	Truck Empty:	12:15 CDT
Contractor:	Connight Construction	Placement Method:	Chute	Placement Time:	45 (min)

### Location

Placement Location:	Building Interior - Footing
Location Details:	E.5/1-F/1. F/1-F/27. F/27-E.5/27.
Sample Location / Notes:	F/2

### Batch Log

Supplier:	Geiger	Mix Design:	P4MS475V454	Strength:	3500 (psi)
Plant:	Lee's Summit				
On-Site Admixtures:	None				

### Specifications

### Field Measurements

Weather:	Sunny	Slump (in):	3-3/4 (ASTM C143)	Plastic Unit Weight:	
Air Temperature (F):	88	Concrete Temp (F):	85 (ASTM C1064)	Air Content:	
				Load Volume:	10.00 (yd <sup>3</sup> )

### Lab Test Results

Testing Lab: Alpha Omega Geotech, 1701 State Ave, Kansas City, KS, 66102

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in <sup>2</sup> )	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
3-1	7	06/20/24	1 / 6	4.00	12.57	48,480	3,860	2		N
3-2	28	07/11/24	1 / 27	4.00	12.57	62,230	4,950	3		N
3-3	28	07/11/24	1 / 27	4.00	12.57	59,920	4,770	3		N
3-4	28	07/11/24	1 / 27	4.00	12.57	62,770	4,990	3		N
3-5	56 H	08/08/24	1 / 55							

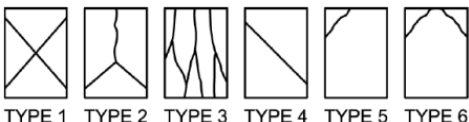
Test Age Average Strengths (psi): 7 Day - 3860, 28 Day - 4900

### Capping Methods

Tested By: Marquis Gaston (1,2,3,4)

Checked In : 06/14/2024 (1,2,3,4,5)

N: Neoprene




Reviewed by: Jeff Marquez

07/16/2024