

# Compressive Strength of Concrete

Test Method: ASTM C 39

Report Date: 06/26/2024

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  
Plant: Lee's Summit  
Mix Design: P4MS475V454  
On-Site Admixtures: None

## Specifications

Strength: 3500 (psi)

## Field Measurements

Weather: Sunny  
Air Temperature (F): 88  
Slump (in): 3-3/4 (ASTM C143)  
Concrete Temp (F): 85 (ASTM C1064)  
Plastic Unit Weight:  
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							
3-3	28	07/11/24	1 / 27							
3-4	28	07/11/24	1 / 27							
3-5	56 H	08/08/24	1 / 55							

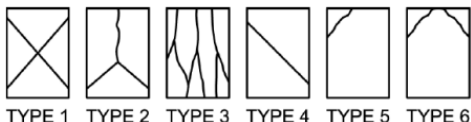
Test Age Average Strengths (psi): 7 Day - 3860

## Capping Methods

Tested By: Marquis Gaston (1)

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

N: Neoprene




Reviewed by: Jeff Marquez

06/26/2024