



# Compressive Strength of Grout Prism

Report Date: 12/06/2021

Sample: 3041

## Test Method:

### Alpha Omega Geotech, Inc

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

### Client:

LSPH Investors, LLC  
7939 Floyd Street  
Overland Park, KS 66204

### Project:

21-390F  
Chipotle Lee's Summit  
1130 SE Oldham Pkwy  
Lee's Summit, MO

## Sample Details

Set #:	1	Technician:	Marquez, Jeff	Batched:	13:00 CST
Specimen Size:	4" X 8"	Cast By:	Marquez, Jeff	Sampled:	13:00 CST
Specimens In Set:	4	Date Cast:	11/19/21	Cast:	13:03 CST
Contractor:	Bell	Sampled From:	Mixer		

## Location

Placement Location: Not Specified  
Location Details: Dumpster enclosure  
Sample Location / Notes: Inside bldg

## Batch Log

Method of Batching: Weight  
Forming Method: (Qty: 4)  
On-Site Admixtures: None

## Specifications

Strength: 2500 (psi)

## Field Measurements

Weather: Cloudy  
Slump (in): 6 (ASTM C143)  
Air Temperature (F): 47  
Grout Temp (F): 65 (ASTM C1064)  
Air Content:

## 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	Avg. Width 1 & 3 (in)	Avg. Width 2 & 4 (in)	Area (in <sup>2</sup> )	Avg Height	Max Load (lbs)	Strength (psi)	Break Remark	Fracture Type	Capping Method
1-1	11	11/30/21	4 / 7	3.59	3.63	13.03	7.31	49,350	3,790		3	S
1-2	28	12/17/21	4 / 24									
1-3	28	12/17/21	4 / 24									
1-4	28	12/17/21	4 / 24									

Test Age Average Strengths (psi): 11 Day - 3790

Test Age Strength Standard Deviation: 11 Day - 0

## Break Remarks

Tested By: DJ Burdick (1)  
Checked In : 11/23/2021 (1,2,3,4)

## Capping Methods

S: Sulfur

## Fracture Types

3: Columnar vertical cracking through both ends, no well-formed cones