



Compressive Strength of Grout Prism

Report Date: 12/26/2021

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 ²)	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	3.58	3.57	12.78	7.25	55,970	4,380		3	S
1-3	28	12/17/21	4 / 24	3.64	3.61	13.14	7.24	57,780	4,400		3	S
1-4	28	12/17/21	4 / 24	3.52	3.52	12.39	7.25	54,450	4,400		3	S

Test Age Average Strengths (psi): 11 Day - 3790, 28 Day - 4390

Test Age Strength Standard Deviation: 11 Day - 0, 28 Day - 8

Break Remarks

Tested By: DJ Burdick (1,2,3,4)
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