Compressive Strength of Concrete

Test Method: ASTM C 39

ALPHA-OMEGA GEOTECH

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 #:	2	**Technician:**	Contractor	**Batched:**	
Specimen Size:	4" X 8"	**Cast By:**	Contractor	**Sampled:**	
Specimens In Set:	5	**Date Cast:**	05/29/24	**Cast:**	
Truck / Ticket #:		**Sampled From:**		**Truck Empty:**	
Contractor:	ESS	**Placement Method:**		**Placement Time:**	

Location	
Placement Location:	Paving - Curb & Gutter
Location Details:	~30' of curb E end , S side of road; curb inlets along maguire blvd and cargo rd

Batch Log		Specifications	
Supplier:	Penny's Concrete, Inc.	**Strength:**	4000 (psi)
On-Site Admixtures: None			

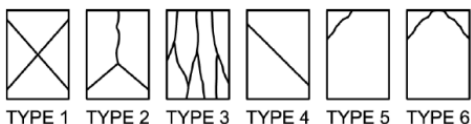| Field Measurements					
Weather:		**Consistency:**	Slump	**Plastic Unit Weight:**	
Air Temperature (F):		**Concrete Temp (F):**		**Air Content:**	
				Load Volume:	

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 (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
2-1	19	06/17/24	16 / 3							
2-2	28	06/26/24	16 / 12	4.00	12.57	59,820	4,760	3		N
2-3	28	06/26/24	16 / 12	4.00	12.57	59,810	4,760	3		N
2-4	28	06/26/24	16 / 12	4.00	12.57	59,670	4,750	3		N
2-5	56 H	07/24/24	16 / 40							

Test Age Average Strengths (psi): 28 Day - **4760**

	Capping Methods
Tested By: Marquis Gaston (1,2,3,4)	**N:** Neoprene
Checked In : 06/14/2024 (1,2,3,4,5)	

TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Reviewed by: Jeff Marquez

07/10/2024