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:
Tailor Made Exteriors
1610 SE Hamblen Rd
Lee's Summit, MO 64081

Project:
230445
TM Fieldhouse
1600 SE Hamblen Rd
Lees Summit, MO 64081

Sample Details					
Set #:	6	**Technician:**	Bryce Enzbrenner	**Batched:**	11:09 CDT
Specimen Size:	4" X 8"	**Cast By:**	Bryce Enzbrenner	**Sampled:**	11:40 CDT
Specimens In Set:	5	**Date Cast:**	05/28/24	**Cast:**	11:55 CDT
Truck / Ticket #:	921 / 86995	**Sampled From:**	Chute	**Truck Empty:**	12:05 CDT
Contractor:	ML crose foundations	**Placement Method:**	Pump	**Placement Time:**	56 (min)

Location	
Placement Location:	Building Exterior - Foundation Wall
Location Details:	South west exterior wall wrapping around into north west Grid lines A-E and then E-14
Sample Location / Notes:	Started on north west wall on grid line A-E side

Batch Log				Specifications	
Supplier:	Geiger	**Mix Design:**	A6MC504WALL	**Strength:**	4000 (psi)
Plant:	Lee's Summit				
On-Site Admixtures:	None				

Field Measurements					
Weather:	Sunny	**Slump (in):**	6 (ASTM C143)	**Plastic Unit Weight:**	
Air Temperature (F):	65	**Concrete Temp (F):**	80 (ASTM C1064)	**Air Content:**	5.6 (ASTM C231)
				Load Volume:	10.00 (yd³)

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
6-1	7	06/04/24	1 / 6	4.00	12.57	39,120	3,110	3		N
6-2	28	06/25/24	1 / 27	4.00	12.57	55,880	4,450	3		N
6-3	28	06/25/24	1 / 27	4.00	12.57	54,830	4,360	3		N
6-4	28	06/25/24	1 / 27	4.00	12.57	57,770	4,600	2		N
6-5	56 H	07/23/24	1 / 55							

Test Age Average Strengths (psi): 7 Day - **3110**, 28 Day - **4470**

	Capping Methods
Tested By: Marquis Gaston (1,2,3,4)	**N:** Neoprene
Checked In : 05/29/2024 (1,2,3,4,5)	

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