



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
Specimen Size:	4" X 8"	Cast By:	William Connelly
Specimens In Set:	5	Date Cast:	06/13/24
Truck / Ticket #:	424 / 94369	Sampled From:	Chute
Contractor:	Connight Construction	Placement Method:	Chute
Batched:	11:30 CDT	Sampled:	12:05 CDT
Cast:	12:20 CDT	Truck Empty:	12:15 CDT
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

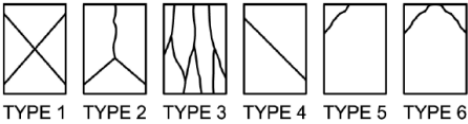
Batch Log		Specifications	
Supplier:	Geiger	Mix Design:	P4MS475V454
Plant:	Lee's Summit	Strength:	3500 (psi)
On-Site Admixtures:	None		

Field Measurements			
Weather:	Sunny	Slump (in):	3-3/4 (ASTM C143)
Air Temperature (F):	88	Concrete Temp (F):	85 (ASTM C1064)
Plastic Unit Weight:		Air Content:	
Load Volume:	10.00 (yd ³)		

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



Reviewed by: Jeff Marquez

06/26/2024



Footing Inspection

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Date: 06/13/2024

Inspector: William Connelly

OBSERVATIONS

Location of Footings Inspected: C.5/3,5,7,9,11,13,15,17,19,21,23,25

Plans Used: Structural

Drawing Number: S0.0, S1.1, S2.0, S2.1

Type Of Footing Inspected: Column Footings

Allowable Bearing Capacity (psf): 3000

Footing Excavation per Contract Documents: Yes

Reinforcing Steel Per Contract Documents: Yes

Discrepancy: No

Reviewed by: Jeff Marquez

06/16/2024



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OBSERVATIONS

Location of Footings Inspected: E.5/1-F/1. F/1-F/27. F/27-E.5/27.

Plans Used: Structural

Drawing Number: S0.0, S1.1

Type Of Footing Inspected: Strip Footings

Allowable Bearing Capacity (psf): 2500

Footing Excavation per Contract Documents: Yes

Reinforcing Steel Per Contract Documents: Yes

Discrepancy: No

Reviewed by: Jeff Marquez

06/16/2024