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Report No: CTR:03534146-27-C1

Issue No: 1

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Approved Signatory: Mahdi Sahafnia (Staff Engineer)
Date of Issue: 10/31/2025

Concrete Test Report

Client: HCA MANAGEMENT SERVICES, LP
P.O. BOX 550, BLDG 3-2
NASHVILLE, TN 37202-0550

CC: DAVID PANTO
DON KELLEY
ERIC SJODIN
RICK FOBAIR
RYAN GRIMES

Project: LEE'S SUMMIT MEDICAL CENTER
LEE'S SUMMMIT, MO

Mix Data

Supplier: Geiger Ready-Mix
Plant:
Mix Identification: A4OC580V442
Specified Design Strength (psi): 4500 at age 28 days

Sample Details

Date Sampled: 10/23/25	Date Received: 10/24/25	Specification: Mix Design
General Location: Columns east side		
Sample Location: SE column		
Curing Method: One day Field/Laboratory Cure		
Field Sample No.:	Initial Cure Temp (°F) High:	
	Low:	
Contractor: Lithko Contracting		
Ticket no.: 1780803	Truck No.: 925	
Sampled By: David Draper		
Weather: Mild, Clear, Windy		
	Slump (in): ASTM C 143	7.5
	Slump w/ plasticizer (in):	N/A
	Air Temp (°F):	66
	Concrete Temp (°F): ASTM C 1064	73
	Air Content (%) ASTM C 231	5.8
	Unit Weight (pcf): ASTM C 138	N/A
	Volume of Density Measure (ft³):	N/A
	Batch Size (yd³): 3.0	Time Batched: 14:31
	Yd³ Placed: 3.0	Time Sampled: 14:54
	Total Concrete Placed (yd³):	Water Added (gal) Before:
	Time Placed: 15:20	After:
	Time in Truck (mins): 49	

Compressive Strength of Concrete Cylinders

ASTM C 39

Specimen ID	Date Tested	Age (Days)	Diameter (in)	Length (in)	Area (in²)	Type of Cap	Maximum Load (lbf)	Fracture Type / Remarks	Compressive Strength (psi)	Tested By
03534146-27-C11	10/30/25	7	4.01	8.08	12.63	U	58320	2 SC	4620	Alan Rau
03534146-27-C12	11/20/25	28				U		SC		
03534146-27-C13	11/20/25	28				U		SC		
03534146-27-C14	11/20/25	28				U		SC		
03534146-27-C15		Hold				U		SC		

Average 28 Day Compressive Strength (psi)

Required Strength (psi) 4500

Notes

1. Sampling to ASTM C 172
2. Specimen(s) prepared to ASTM C 31
3. Capping B=Bonded ASTM C 617, U=Unbonded ASTM C 1231, C = Combined, G = Ground
Sampled from Revolving Drum Truck Mixer (ASTM C 172, 5.2.3)

Remarks

Fracture Type / Remarks: 2 = Vert crack/ cone opposite end; C1314: Cone & Shear, SC = Condition Satisfactory upon retrieval.