



Professional Service Industries, Inc.
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Report No: CTR:03534146-15-C1

Issue No: 1

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Approved Signatory: Mahdi Sahafnia (Staff Engineer)
Date of Issue: 10/23/2025

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

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

Mix Data

Supplier: Geiger Ready-Mix
Plant:
Mix Identification: P4BC530V450
Specified Design Strength (psi): 4000 at age 28 days

Sample Details

Date Sampled: 10/14/25	Date Received: 10/16/25	Specification: Mix Design
General Location: Retaining wall footing		
Sample Location: West end		
Curing Method: Two day Field/Laboratory Cure		
Field Sample No.:	Initial Cure Temp (°F) High:	Measured Specified
	Low:	
Contractor: Lithko Contracting		
Ticket no.: 1775890	Truck No.: 474	
Sampled By: Gary Williams		
Weather: Mild, Overcast		
	Slump (in): ASTM C 143	N/A
	Slump w/ plasticizer (in):	5.25
	Air Temp (°F):	75
	Concrete Temp (°F): ASTM C 1064	81
	Air Content (%): ASTM C 231	2.2
	Unit Weight (pcf): ASTM C 138	N/A
	Volume of Density Measure (ft³):	N/A
	Batch Size (yd³): 7.5	Time Batched: 12:52
	Yd³ Placed: 7.5	Time Sampled: 13:15
	Total Concrete Placed (yd³):	Water Added (gal) Before:
	Time Placed: 13:24	After:
	Time in Truck (mins): 32	

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
03534146-15-C11	10/21/25	7	4.02	8.09	12.69	U	63870	2 SC	5030	Alan Rau
03534146-15-C12	11/11/25	28				U		SC		
03534146-15-C13	11/11/25	28				U		SC		
03534146-15-C14	11/11/25	28				U		SC		
03534146-15-C15		Hold				U		SC		

Average 28 Day Compressive Strength (psi)

Required Strength (psi) 4000

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

Remarks

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