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Report No: CTR:03533627-16-C1

Issue No: 2

This report replaces all previous issues of this report signed on 04/20/2022

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Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 5/13/2022

Concrete Test Report

Client: CORE STATES GROUP
3039 PREMIERE PARKWAY, SUITE
700
DULUTH, GA 30097

CC: C FAIRBANKS
CHRIS DIAMOND
GREG HELLBUSCH
J SANCHAZ
JOSE SANCHEZ
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SUNIL DUBEY

Project: CHASE BANK-LEE'S SUMMIT
LEE'S SUMMIT, MO

Mix Data

Supplier: Geiger Ready-Mix
Plant: Geiger Ready Mix
Mix Identification: A4OC580V442
Specified Design Strength (psi):

Sample Details

Date Sampled: 04/13/22	Date Received: 04/14/22	Specification: Mix Design
General Location: Bldg foundation walls, N, E, & S walls		
Sample Location: 1/E	Slump (in): ASTM C 143	Measured Specified
Curing Method: One day Field/Laboratory Cure	Slump w/ plasticizer (in): N/A	5.5 3.00 to 5.00
Field Sample No.:	Air Temp (°F): 45	
	Concrete Temp (°F): ASTM C 1064	60
Contractor: Leavcon	Air Content (%): ASTM C 231	7.8 4.0 to 6.0
Ticket no.: 853069	Unit Weight (pcf): ASTM C 138	N/A
Sampled By: Kenneth Mathis	Volume of Density Measure (ft³): N/A	
Weather: Cold, Overcast	Batch Size (yd³): 7.0	Time Batched: 11:54
	Yd³ Placed: 7.0	Time Sampled: 12:30
	Water Added (gal) Before: 0	Time Placed: 12:45
	After: 0	Time in Truck (mins): 51

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
03533627-16-C11	04/20/22	7	4.00	8.05	12.57	U	60450	3	4810	Javion Gathrite
03533627-16-C12	05/11/22	28	4.00	8.05	12.57	U	73950	5	5880	Javion Gathrite
03533627-16-C13	05/11/22	28	3.99	8.06	12.50	U	70510	3	5640	Javion Gathrite
03533627-16-C14	05/11/22	28	4.00	8.11	12.57	U	74590	3	5940	Javion Gathrite
03533627-16-C15		Hold				U				
Average 28 Day Compressive Strength (psi)									5820	
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: 3 = C39: Vert cracking/no cones; C1314: Cone & Split, 5 = C39: Side fracture-opposite ends; C1314: Semi-Conical Break