Concrete Test Report

Date : 09/25/2025
Project No : 2025C245
Client Company : Bearing Engineering
Arrival Time : 09/25/2025 08:00
Onsite Hours : 04:00

ASEC Report ID : 86368
Name of the Project : Dunkin Donuts 2025
Project Location : US 29, Palmetto, GA
Weather : Overcast
Departure Time : 09/25/2025 12:00
ASEC Technician Name : Sean Willett

Location(S): Cast in place vertical walls, Slab footings

Testing: 2 Set of concrete specimens (5 per set) were cast during the cast-in-place concrete pour at the above referenced location, in accordance with ASTM C31. The specimen will remain on site for the initial 24-48 hrs curing.

Compliance: ☒Field placement of concrete appeared to be in general accordance with the project specifications (i.e., slump, temperature, etc) (refer to remarks below)
☐Deviations and/or noncompliances were noted during the field placement (refer to remarks below)

Specimen Pick Up: 2 Sets of concrete specimens/ 5 specimen per set were picked up & transported to AS Engineering and Consulting LLC (ASEC) for curing and testing in accordance with ASTM C39, C670/1231

Field Curing: Specimen were stored for the initial 24 hours
☐ Near the poured structure
☒ In an insulated curing box
☐ Other

Remarks:

AS Engineering and Consulting LLC

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PLACEMENT INFORMATION – Cylinder

Set Number: A
Date Sampled: 09/25/2025
Sampled By: Sean Willett
Contractor: Bearing Engineering
Truck Number: 3617
Time Batched: 08:36
Location of Placement: Cast in place vertical walls
Number of Samples Cast: 5
Ambient Temp (°f): 70
Slump (in.): 3.25

Laboratory Number: 2025-043
Time Sampled: 09:00
Concrete Supplier: Walker
Mix ID: C40SAAWA
Quantity of Load: 9.0
Specified Strength: 3000
Concrete Temp (°f): 86
Air Content (%): 2.5
Unit Weight (pcf): 143.8
Water Added (gal.): N/A

Specimen Number	Scheduled Test Date	Date Tested	Age (Days)	Dia (in.)	Area (sq in.)	Max Load (lbf)	Strength (psi)	% Design Strength	Fracture Type
1	10/02/2025	10/02/2025	7	4.00	12.57	41011	3260	81.5	Type 6
2	10/23/2025	10/23/2025	28	3.77	11.14	52499	4710	117.8	Type 5
3	10/23/2025	10/23/2025	28	3.63	10.37	56066	5410	135.3	Type 2
4	10/23/2025	10/23/2025	28	3.63	10.37	57656	5560	139.0	Type 2
5	11/20/2025	11/20/2025	56.041666666666664	4.00	12.57	60010	4770	159.0	Type 5

UNLESS OTHERWISE SPECIFIED, TESTS WERE PERFORMED IN ACCORDANCE WITH ASTM METHODS C31, C39, C138, C143, C173, C1064.

(1) Cone (2) Cone-split (3) Vertical (4) Shear (5) Edge Fracture (6) Pointed

Kenneth Mosman

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AS Engineering and Consulting LLC

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ASEC Technician Name : Sean Willett

PLACEMENT INFORMATION – Cylinder

Set Number: B
Date Sampled: 09/25/2025
Sampled By: Sean Willett
Contractor: Bearing Engineering
Truck Number: 62382361
Time Batched: 10:23
Location of Placement: Slab footings
Number of Samples Cast: 5
Ambient Temp (°f): 75
Slump (in.): 3.5

Laboratory Number: 2025-044
Time Sampled: 11:00
Concrete Supplier: Quikcrete
Mix ID: 30CAC199
Quantity of Load: 3.0
Specified Strength: 4000
Concrete Temp (°f): 86
Air Content (%): 5
Unit Weight (pcf): 142.4
Water Added (gal.): N/A

Specimen Number	Scheduled Test Date	Date Tested	Age (Days)	Dia (in.)	Area (sq in.)	Max Load (lbf)	Strength (psi)	% Design Strength	Fracture Type
1	10/02/2025	10/02/2025	7	4.00	12.57	54178	4310	N/A	Type 3
2	10/23/2025	10/23/2025	28	3.63	10.37	68470	6600	165.0	Type 2
3	10/23/2025	10/23/2025	28	3.77	11.14	69640	6250	156.3	Type 2
4	10/23/2025	10/23/2025	28	3.67	10.56	68983	6530	163.3	Type 5
5	11/20/2025	11/20/2025	56.041666666666664	3.97	12.38	76980	6220	155.5	Type 2

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(1) Cone (2) Cone-split (3) Vertical (4) Shear (5) Edge Fracture (6) Pointed

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