

Date : 10/08/2025  
Project No : 2025C245  
Client Company : Bearing Engineering  
Arrival Time : 10/08/2025 06:00  
Onsite Hours : 9:30

ASEC Report ID : 87150  
Name of the Project : Dunkin Donuts 2025  
Project Location : US 29, Palmetto, GA  
Weather : Overcast  
Departure Time : 10/08/2025 15:30  
ASEC Technician Name : Sean Willett

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**Location(S):** Monolithic slab on grade

**Testing:** 1 Set of concrete specimens (10 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:** 1 Sets of concrete specimens/ 10 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:**

The results presented in this report relate only to the items tested. This report shall not be reproduced, except in full, without written approval from AS Engineering and Consulting LLC.

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**PLACEMENT INFORMATION - Cylinder**

|  |                                    |
|--|------------------------------------|
| <b>Set Number:</b> A                                   | <b>Laboratory Number:</b> 2025-049 |
| <b>Date Sampled:</b> 10/08/2025                        | <b>Time Sampled:</b> 08:00         |
| <b>Sampled By:</b> Sean Willett                        | <b>Concrete Supplier:</b> Quikrete |
| <b>Contractor:</b> Bearing Engineering                 | <b>Mix ID:</b> 30CAC199            |
| <b>Truck Number:</b> 62382206                          | <b>Quantity of Load:</b> 9         |
| <b>Time Batched:</b> 06:24                             | <b>Specified Strength:</b> 3000    |
| <b>Location of Placement:</b> Monolithic slab on grade | <b>Concrete Temp (°f):</b> 82      |
| <b>Number of Samples Cast:</b> 10                      | <b>Air Content (%):</b> 4.0        |
| <b>Ambient Temp (°f):</b> 69                           | <b>Unit Weight (pcf):</b> 142.0    |
| <b>Slump (in.):</b> 4.5                                | <b>Water Added (gal.):</b> N/A     |

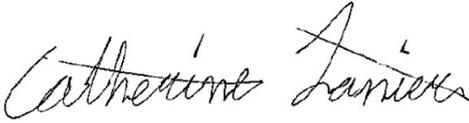
| Specimen Number | Scheduled Test Date | Date Tested | Age (Days) | Dia (in.) | Area (sq in.) | Max Load (lbf) | Strength (psi) | % Design Strength | Fracture Type |
|-----------------|---------------------|-------------|------------|-----------|---------------|----------------|----------------|-------------------|---------------|
| 1               | 10/15/2025          | 10/15/2025  | 7          | 3.98      | 12.44         | 39102          | 3140           | N/A               | Type 6        |
| 2               | 10/15/2025          | 10/15/2025  | 7          | 3.99      | 12.50         | 41972          | 3360           | N/A               | Type 5        |
| 3               | 10/15/2025          | 10/15/2025  | 7          | 3.99      | 12.52         | 41636          | 3330           | N/A               | Type 5        |
| 4               | 11/05/2025          | 11/05/2025  | 28         | 3.98      | 12.42         | 61080          | 4920           | 164.0             | Type 2        |
| 5               | 11/05/2025          | 11/05/2025  | 28         | 3.98      | 12.42         | 59339          | 4780           | 159.3             | Type 5        |
| 6               | 11/05/2025          | 11/05/2025  | 28         | 3.99      | 12.48         | 64512          | 5170           | 172.3             | Type 5        |
| 7               | 12/03/2025          | 12/03/2025  | 56         | 3.97      | 12.40         | 63876          | 5150           | 171.7             | Type 5        |
| 8               | 12/03/2025          | 12/03/2025  | 56         | 3.98      | 12.46         | 63062          | 5060           | 168.7             | Type 5        |
| 9               | 12/03/2025          | 12/03/2025  | 56         | 3.98      | 12.44         | 64493          | 5180           | 172.7             | Type 2        |
| 10              | 12/03/2025          | 12/03/2025  | 56         | 3.98      | 12.46         | 65296          | 5240           | 174.7             | Type 2        |

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**

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**Catherine Lanier**  
1  
Lab Manager



**Kenneth Mosman**