

Date : 10/09/2025  
Project No : 2025C245  
Client Company : Bearing Engineering  
Arrival Time : 10/09/2025 07:30  
Onsite Hours : 07:30

ASEC Report ID : 86775  
Name of the Project : Dunkin Donuts 2025  
Project Location : US 29, Palmetto, GA  
Weather : Sunny  
Departure Time : 10/09/2025 15:00  
ASEC Technician Name : Sean Willett

| Test Date                                                                                | Test Number | Moisture Content (%) | Dry Density (pcf) | Proctor Number | Max. Dry Density (pcf) | Optimum Moisture (%) | Compaction (%) | Specified Compaction (%) | ASTM Test Method | Pass/Fail |
|------------------------------------------------------------------------------------------|-------------|----------------------|-------------------|----------------|------------------------|----------------------|----------------|--------------------------|------------------|-----------|
| 10/09/2025                                                                               | 1           | 16.9                 | 99.4              | 2              | 103.6                  | 17.1                 | 95.9           | 95                       | D6938            | Pass      |
| Location : test location #6 retaining wall, Elv/Depth :1 foot below finished grade       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Sean Willett Gauge Serial No. : 77-19952                                     |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/09/2025                                                                               | 2           | 16                   | 104.7             | 2              | 103.6                  | 17.1                 | 101.1          | 95                       | D6938            | Pass      |
| Location : test location #5 retaining wall, Elv/Depth :1 foot below finished grade       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Sean Willett Gauge Serial No. : 77-19952                                     |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/09/2025                                                                               | 3           | 15.5                 | 104.2             | 2              | 103.6                  | 17.1                 | 100.6          | 95                       | D6938            | Pass      |
| Location : testing location #4 retaining wall, Elv/Depth :2 feet below finished grade    |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Sean Willett Gauge Serial No. : 77-19952                                     |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/09/2025                                                                               | 4           | 16.2                 | 101.1             | 2              | 103.6                  | 17.1                 | 97.6           | 95                       | D6938            | Pass      |
| Location : testing location #3 retaining wall, Elv/Depth :2 feet below finished grade    |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Sean Willett Gauge Serial No. : 77-19952                                     |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/09/2025                                                                               | 5           | 16.3                 | 98.8              | 2              | 103.6                  | 17.1                 | 95.4           | 95                       | D6938            | Pass      |
| Location : testing location #3-#2 retaining wall, Elv/Depth :3 feet below finished grade |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Sean Willett Gauge Serial No. : 77-19952                                     |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/09/2025                                                                               | 6           | 16.2                 | 98.0              | 2              | 103.6                  | 17.1                 | 94.6           | 95                       | D6938            | Fail      |
| Location : testing location #2 retaining wall, Elv/Depth :3 feet below finished grade    |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Sean Willett Gauge Serial No. : 77-19952                                     |             |                      |                   |                |                        |                      |                |                          |                  |           |

**Remark:** Test performed in general accordance with signed referenced ASTM Method.



**Kenneth Mosman**

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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**PROCTOR DATA SUMMARY**

| TEST DATE  | PROCTOR ID | MAX DRY<br>DENSITY (pcf) | OPTIMUM<br>MOISTURE (%) | PROCTOR TYPE | SOIL DESCRIPTION                                      |
|------------|------------|--------------------------|-------------------------|--------------|-------------------------------------------------------|
| 10/03/2025 | 2025-041   | 115.6                    | 12.7                    | Standard     | Tan and Brown Silty Sand w/clay and<br>rock fragments |
| 10/03/2025 | 2          | 103.6                    | 17.1                    | Standard     | Brown sandy silt                                      |
| 10/03/2025 | 3          | 94.7                     | 25.3                    | Standard     | Red silty sand                                        |