

## Density Test Report

Date : 10/22/2021  
 Project No : 2021C073  
 Client Company : DR Horton West  
 Arrival Time : 10/22/2021 9:30  
 Onsite Hours : 9:00

ASEC Report ID : 33543  
 Name of the Project : Tributary C2A  
 Project Location : Riverside Parkway, City of Douglasville, GA  
 Weather : Partly cloudy  
 Departure Time : 10/22/2021 18:30  
 ASEC Technician Name : Christopher Burrow II

| 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 |
|--------------------------------------------------------------------|-------------|----------------------|-------------------|----------------|------------------------|----------------------|----------------|--------------------------|------------------|-----------|
| 10/22/2021                                                         | 1           | 26.8                 | 114.1             | P-01           | 93.9                   | 22.6                 | 95.8           | 95                       | D6938            | Pass      |
| Location : 50' from S1 in the direction of S0, Elv/Depth :-12 feet |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Christopher Burrow II Gauge Serial No. : 38069         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                         | 2           | 27.1                 | 114.5             | P-01           | 93.9                   | 22.6                 | 96.0           | 95                       | D6938            | Pass      |
| Location : 150' from S1 in the direction of S0, Elv/Depth :-8 feet |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Christopher Burrow II Gauge Serial No. : 38069         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                         | 3           | 27.5                 | 113.4             | P-01           | 93.9                   | 22.6                 | 94.7           | 95                       | D6938            | Fail      |
| Location : 50' from S1 in the direction of S0, Elv/Depth :-10 feet |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Christopher Burrow II Gauge Serial No. : 38069         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                         | 4           | 26.7                 | 115.1             | P-01           | 93.9                   | 22.6                 | 96.7           | 95                       | D6938            | Pass      |
| Location : 150' from S1 in the direction of S0, Elv/Depth :-7 feet |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Christopher Burrow II Gauge Serial No. : 38069         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                         | 5           | 24.7                 | 115.8             | P-01           | 93.9                   | 22.6                 | 98.9           | 95                       | D6938            | Pass      |
| Location : 50' from S1 in the direction of S0, Elv/Depth :-9 feet  |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Christopher Burrow II Gauge Serial No. : 38069         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                         | 6           | 24.6                 | 114.6             | P-01           | 93.9                   | 22.6                 | 98.0           | 95                       | D6938            | Pass      |
| Location : 150' from S1 in the direction of S0, Elv/Depth :-6 feet |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Christopher Burrow II Gauge Serial No. : 38069         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                         | 7           | 24.8                 | 113.8             | P-01           | 93.9                   | 22.6                 | 97.1           | 95                       | D6938            | Pass      |
| Location : 50' from S1 in the direction of S0, Elv/Depth :-7 feet  |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Christopher Burrow II Gauge Serial No. : 38069         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                         | 8           | 26.1                 | 114.6             | P-01           | 93.9                   | 22.6                 | 96.8           | 95                       | D6938            | Pass      |
| Location : 150' from S1 in the direction of S0, Elv/Depth :-4 feet |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Christopher Burrow II Gauge Serial No. : 38069         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                         | 9           | 26.2                 | 114.7             | P-01           | 93.9                   | 22.6                 | 96.8           | 95                       | D6938            | Pass      |
| Location : 50' from S1 in the direction of S0, Elv/Depth :-5       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Christopher Burrow II Gauge Serial No. : 38069         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                         | 10          | 27.5                 | 115.8             | P-01           | 93.9                   | 22.6                 | 96.7           | 95                       | D6938            | Pass      |
| Location : 150' from S1 in the direction of S0, Elv/Depth :-3 feet |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Christopher Burrow II Gauge Serial No. : 38069         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                         | 11          | 27.1                 | 113.9             | P-01           | 93.9                   | 22.6                 | 95.4           | 95                       | D6938            | Pass      |
| Location : 50' from S1 in the direction of S0, Elv/Depth :-2 feet  |             |                      |                   |                |                        |                      |                |                          |                  |           |

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Project Location : Riverside Parkway, City of Douglasville, GA  
Weather : Partly cloudy  
Departure Time : 10/22/2021 18:30  
ASEC Technician Name : Christopher Burrow II

| 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 |
|--------------------------------------------------------------------------|-------------|----------------------|-------------------|----------------|------------------------|----------------------|----------------|--------------------------|------------------|-----------|
| Comment :<br>Tested By : Christopher Burrow II Gauge Serial No. : 38069  |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                               | 12          | 27.2                 | 113.8             | P-01           | 93.9                   | 22.6                 | 95.3           | 95                       | D6938            | Pass      |
| Location : 150' from S1 in the direction of S0, Elv/Depth :-2 feet       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :<br>Tested By : Christopher Burrow II Gauge Serial No. : 38069  |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                               | 13          | 26.5                 | 90.4              | P-01           | 93.9                   | 22.6                 | 96.3           | 95                       | D6938            | Pass      |
| Location : 50' from S1 in the direction of S0, Elv/Depth :-1 feet        |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :<br>Tested By : Christopher Burrow II Gauge Serial No. : 38069  |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                               | 14          | 25.8                 | 111.3             | P-01           | 93.9                   | 22.6                 | 94.2           | 95                       | D6938            | Fail      |
| Location : 150' from S1 in the direction of S0, Elv/Depth :-1 feet       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :<br>Tested By : Christopher Burrow II Gauge Serial No. : 38069  |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 10/22/2021                                                               | 15          | 26.3                 | 92.7              | P-01           | 93.9                   | 22.6                 | 98.7           | 95                       | D6938            | Pass      |
| Location : 50' from S1 in the direction of S0, Elv/Depth :At final grade |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :<br>Tested By : Christopher Burrow II Gauge Serial No. : 38069  |             |                      |                   |                |                        |                      |                |                          |                  |           |

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



**Ramchandra R. Mogulla**  
GA P.E. 036021  
Senior Engineer

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**PROCTOR DATA SUMMARY**

| TEST DATE  | PROCTOR ID | MAX DRY DENSITY<br>(pcf) | OPTIMUM MOISTURE (%) | PROCTOR TYPE | SOIL DESCRIPTION       |
|------------|------------|--------------------------|----------------------|--------------|------------------------|
| 08/06/2021 | P-01       | 93.9                     | 22.6                 | Standard     | Light Brown Sandy SILT |
| 08/06/2021 | P-02       | 116.9                    | 14.7                 | Standard     | Brown Silty SAND       |
| 08/06/2021 | P-03       | 90.5                     | 25.7                 | Standard     | Light Brown Sandy SILT |
| 08/06/2021 | P-04       | 88.5                     | 28.4                 | Standard     | Light Brown Sandy SILT |