

Date : 09/07/2021  
Project No : 2021C070  
Client Company : CCG Constructors LLC (Century)  
Arrival Time : 09/07/2021 07:30  
Onsite Hours : 04:30

ASEC Report ID : 33881  
Name of the Project : Harmony Heights  
Project Location : Mt. Olive Road at Brentwood Drive,  
Commerce, GA  
Weather : cloudy  
Departure Time : 09/07/2021 12:00  
ASEC Technician Name : Russell Hendrix

| 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 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------|-------------------|----------------|------------------------|----------------------|----------------|--------------------------|------------------|-----------|
| 09/07/2021                                                                                                                                                                                                     | 1           | 18.7                 | 105.5             | P-02           | 105.6                  | 16.6                 | 99.9           | 95                       | D6938            | Pass      |
| Location : Lot 23, Elv/Depth :840                                                                                                                                                                              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                                                                                                                                      |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Russell Hendrix Gauge Serial No. : 29588                                                                                                                                                           |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/07/2021                                                                                                                                                                                                     | 2           | 20.3                 | 127.3             | P-02           | 105.6                  | 16.6                 | 100.2          | 95                       | D6938            | Pass      |
| Location : 24, Elv/Depth :840                                                                                                                                                                                  |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                                                                                                                                      |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Russell Hendrix Gauge Serial No. : 29588                                                                                                                                                           |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/07/2021                                                                                                                                                                                                     | 3           | 19.6                 | 104.2             | P-02           | 105.6                  | 16.6                 | 98.7           | 95                       | D6938            | Pass      |
| Location : Lot 25, Elv/Depth :840                                                                                                                                                                              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment : It was discussed with the Cat dozer operator about making smaller lifts . Initially the lift was 16", but was addressed and changed to 8" lifts. This was appropriate for the compactor BW211 PD-50. |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Russell Hendrix Gauge Serial No. : 29588                                                                                                                                                           |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/07/2021                                                                                                                                                                                                     | 4           | 20.6                 | 102.2             | P-02           | 105.6                  | 16.6                 | 96.8           | 95                       | D6938            | Pass      |
| Location : Lot 23, Elv/Depth :844                                                                                                                                                                              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                                                                                                                                      |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Russell Hendrix Gauge Serial No. : 29588                                                                                                                                                           |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/07/2021                                                                                                                                                                                                     | 5           | 20.3                 | 107.0             | P-02           | 105.6                  | 16.6                 | 101.3          | 95                       | D6938            | Pass      |
| Location : Lot 24, Elv/Depth :844                                                                                                                                                                              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                                                                                                                                      |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Russell Hendrix Gauge Serial No. : 29588                                                                                                                                                           |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/07/2021                                                                                                                                                                                                     | 6           | 18.6                 | 97.6              | P-01           | 102.0                  | 16.6                 | 95.7           | 95                       | D6938            | Pass      |
| Location : Lot 25, Elv/Depth :846                                                                                                                                                                              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment : Discussed with compactor Operator to make more passes in between lifts. Foreman was offsite at the time.                                                                                             |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Russell Hendrix Gauge Serial No. : 29588                                                                                                                                                           |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/07/2021                                                                                                                                                                                                     | 7           | 21.6                 | 98.0              | P-01           | 102.0                  | 16.6                 | 96.1           | 95                       | D6938            | Pass      |
| Location : Lot 26, Elv/Depth :846                                                                                                                                                                              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment : Started raining during this test. Operations ceased.                                                                                                                                                 |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Russell Hendrix Gauge Serial No. : 29588                                                                                                                                                           |             |                      |                   |                |                        |                      |                |                          |                  |           |

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



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

The results presented in this report relate only to the items tested. This report shall not be reproduced, except in full, without

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## Density Test Report

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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                     |
|------------|------------|--------------------------|-------------------------|--------------|--------------------------------------|
| 08/11/2021 | P-01       | 102.0                    | 16.6                    | Standard     | Reddish Brown Silty SAND             |
| 08/11/2021 | P-02       | 105.6                    | 16.6                    | Standard     | Reddish Brown Silty SAND             |
| 09/15/2021 | P-03       | 101.7                    | 18.1                    | Standard     | Brown Silty SAND with Rock fragments |