

Date : 07/28/2025
Project No : 2025C146
Client Company : Davidson Homes, LLC
Arrival Time : 07/28/2025 12:00
Onsite Hours : 05:30

ASEC Report ID : 83808
Name of the Project : Greene Farms Subdivision
Project Location : 1451 Highway 113, Cartersville, Georgia
Weather : sunny
Departure Time : 07/28/2025 17:30
ASEC Technician Name : Aminullah Azimi

As requested, the site was visited by our AS Engineering and Consulting (ASEC) representative for the purpose of providing quality control inspection and testing services. Visual observation techniques were employed to verify compliance with project drawing/specifications, applicable codes, and materials submittals. The following observations were observed on site this day.

- The placement and compaction of fill for Lots #38 through #40 and storm water trench between MHA6 to MHA7 and MHA8 continued this day.
- At the time of arrival, our representative observed that work was in progress with 1-foot lifts being placed and compacted using CP56B (15 tons) sheep-foot compactor. Compaction testing was performed using a Troxler nuclear density gauge along with general probing using a 3/8" diameter probe rod.
- Density test results indicate that most of the compacted materials did not meet the project requirement of achieving a minimum of 95% of the maximum dry density, as determined by the Standard Proctor test (ASTM D698). The primary reason for the failure was that the moisture content of the soil exceeded the specified moisture limit. As a corrective measure, it was recommended that the affected areas be scarified, the soil turned over and allowed to dry to an acceptable moisture level, and then re-compacted to meet the required density specifications.

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding this report, please feel free to contact us. We will be more than happy to discuss it with you.



Date : 07/28/2025
Project No : 2025C146
Client Company : Davidson Homes, LLC
Arrival Time : 07/28/2025 12:00
Onsite Hours : 05:30

ASEC Report ID : 83808
Name of the Project : Greene Farms Subdivision
Project Location : 1451 Highway 113, Cartersville, Georgia
Weather : sunny
Departure Time : 07/28/2025 17:30
ASEC Technician Name : Aminullah Azimi



Kenneth Mosman

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.