

Date : 06/12/2025
Project No : 2025C146
Client Company : Davidson Homes, LLC
Arrival Time : 06/12/2025 09:00
Onsite Hours : 08:15

ASEC Report ID : 82344
Name of the Project : Greene Farms Subdivision
Project Location : 1451 Highway 113, Cartersville, Georgia
Weather :
Departure Time : 06/12/2025 17:15
ASEC Technician Name : Solomon Cherie

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 drawings/specifications, applicable codes, and material submittals. The following observations were made on site during the day:

- **Excavation and backfilling** activities were carried out throughout the day. Excavation was performed within the site from cut areas, and additional fill material was imported from an external source using **multiple dump trucks**.
- Excavation was performed using a **CAT 349E excavator**, and internal hauling was carried out using **845C all-road trucks**.
- The imported and excavated material was spread using a **Komatsu 61Pxi bulldozer**, and compaction was completed with a **sheepsfoot roller**.
- Backfilling occurred in **Lots 29-31** and **Lots 103-110**:
 - **Lots 29-31** were backfilled up to **subgrade elevation**.
 - **Lots 103-110** were backfilled to approximately **6 to 7 feet below subgrade**.
- **Nuclear gauge compaction tests** were performed as follows:
 - **Lot 29** achieved **98% compaction**, meeting project requirements (Pass).
 - **Lots 30 and 31** recorded **89% and 91% compaction**, respectively, which do **not meet** the required specifications (Fail). The foreman was promptly notified, and rework has been scheduled. Retesting will be conducted in the coming days.
 - **Lots 103-110** showed compaction values ranging from **98% to 100%**, indicating that all tests have **passed**.

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- **Water removal** was performed from a **temporary pond** on site. The area was then **reinforced with rocks and backfilled with dirt**.
- Additionally, the **grading contractor** placed **wet topsoil** in the backyard areas of **Lots 103-110**, in accordance with the instructions issued by the grading company's manager.

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.



Picture depicting Lots 29-31 backfilled to subgrade



Picture showing both backfilled lots and backyards



Picture depicting backfilling and reinforcing of old pond with rocks and dirt

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