

Date : 03/23/2026
Project No : 2025C149
Client Company : Davidson Homes
Arrival Time : 03/23/2026 08:00
Onsite Hours : 10:30

ASEC Report ID : 91583
Name of the Project : Grove at E. Thompson Mill Rd
Project Location : Buford
Weather : sunny
Departure Time : 03/23/2026 18:30
ASEC Technician Name : Samara Simha Reddy Kandi

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.

Crew continued backfilling operations in Lots #49, 50, 51, 52, 53, and 56. The material was placed in lifts and compacted using a sheep-foot roller and a Caterpillar 815 compactor. However, during inspection, it was observed that the placed material did not meet the required compaction/density standards. This was primarily due to the presence of excessive moisture content in the fill material and inadequate compaction effort. The lifts were relatively thick in some areas, which further contributed to insufficient compaction.

In the neighboring Buford area, the crew continued trench excavation activities using a hydraulic excavator equipped with a rock grinder attachment, along with a standard hydraulic excavator. The excavation progressed to the required depth while breaking and removing rock encountered in the trench.

Recommendations:

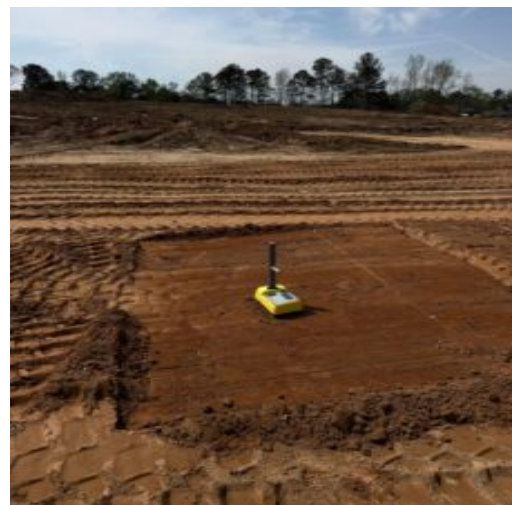
- Place backfill in thinner, controlled lifts instead of thick layers.
- Increase the number of compaction passes to achieve required density.
- Avoid placing additional fill until the previous lift meets density requirements.

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.



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Kenneth Mosman

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