

Date : 05/13/2026  
Project No : 2025C149  
Client Company : Davidson Homes  
Arrival Time : 05/13/2026 08:00  
Onsite Hours : 10:00

ASEC Report ID : 94280  
Name of the Project : Grove at E. Thompson Mill Rd  
Project Location : Buford  
Weather : sunny  
Departure Time : 05/13/2026 18:00  
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.

The crew began working on Lots #25, 26 and 27, as well as in front of Retaining Wall 5, where fill material was transported and placed using articulated dump trucks. The material was spread across the working area with a crawler bulldozer to achieve the required grade and slope configuration. Compaction activities were carried out using a Caterpillar 815 compactor along with a sheep-foot roller. The fill material was placed in lifts. Density tests were performed and met required compaction as per job specifications.

At Manhole A2, the utility crew initially began excavating toward the east direction for the installation of an 8-inch PVC sewer line. After partially completing the excavation, the crew changed direction and continued working toward the south side of Manhole A2. The crew then installed a T-joint DIP fitting for a future sewer line connection and sealed the joint with concrete.

Crew working near Wall 3 continued placing and compacting fill material behind and around the wall area. Compaction was performed using both a sheep foot roller for larger accessible areas and a trench compactor in confined locations adjacent to the wall structure.

At Wall 4, Dynamic Cone Penetrometer (DCP) tests were performed to evaluate the in-place soil bearing capacity and subsurface strength conditions for the proposed footing area.

Test Location 1: Approximately 40 feet from the starting point.

Material Type: Wet red silty sand clay.

1 ft - 7 blows

2 ft - 7 blows

3 ft - 9 blows

4 ft - 9 blows

Test Location 2: Approximately 90 feet from the starting point.

Material Type: Red silty sand clay.

1 ft - 9 blows

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2 ft - 9 blows

3 ft - 11 blows

4 ft - 11 blows

At the Neighborhood Buford section near Manhole A2, the utility crew excavated the trench and installed DIP (Ductile Iron Pipe) toward Manhole A3 for a total installed length of approximately 36 lineal feet. After pipe placement, compaction around the pipe zone was completed using a jumping jack compactor and trench compactor.

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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