

Date : 03/10/2026
Project No : 2025C149
Client Company : Davidson Homes
Arrival Time : 03/10/2026 08:00
Onsite Hours : 9:30

ASEC Report ID : 91286
Name of the Project : Grove at E. Thompson Mill Rd
Project Location : Buford
Weather : sunny
Departure Time : 03/10/2026 17:30
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.

During the site visit, the crew was working at the earth retention wall foundation area where excavation had been completed for 170-180 lineal feet. No.57 stone was placed and leveled as the base layer for the footing. Wooden formwork was installed to mark the footing alignment and dimensions, and the crew started installing reinforcing steel (rebars) for the footing and wall as per the structural drawings up to 50 feet of length. Rebar appeared to be placed as per job specification's for size, spacing and quantity. Dynamic Cone Penetrometer (DCP) tests were performed at multiple locations along the footing alignment to evaluate the in-situ bearing capacity of the footing. At test location 1, the soil encountered was a brown silty sand in a wet condition, where the DCP recorded 12 blows at 1 foot depth, 10 blows at 2 feet, and 15 blows at 3 feet, with rock encountered at approximately a 4-foot depth. At test location 2, the soil was a grey and white micaceous silty sand (wet) with 5 blows at 1 foot, 6 blows at 2 feet, 11 blows at 3 feet, and 13 blows at 4 feet depth. At test location 3, the soil consisted of a grey and yellow micaceous silty sand in wet condition, where the DCP recorded 8 blows at 1 foot depth, 13 blows at 2 feet, 16 blows at 3 feet, and 12 blows at 4 feet depth. At test location 4, the soil was a grey micaceous silty sand in wet condition, where the DCP recorded 7 blows at 1 foot depth and 8 blows at 2 feet depth with rock encountered at approximately 3 feet depth. Based on the observations and DCP results, the subgrade appears suitable for supporting the proposed footing and the placement of the gravel base.

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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