

Date : 04/18/2025
Project No : 2025C150
Client Company : Davidson Homes
Arrival Time : 04/18/2025
Onsite Hours :

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.

Following up on the progress from the previous day, work has continued behind Lots #224-#229.

Focusing on backfilling and compaction operations behind the newly installing retaining wall structure along Lots #224-#229, Following the drainage installation, the next layer of backfill was placed over the previously installed geogrid reinforcement sheet, in preparation for subsequent compaction. Excavation and placement of fill materials were conducted using a Kobelco 310LC excavator and transported on site with a CAT 750 dump truck. Subsequent to placement, two Takeuchi TL12R2 Bobcats were used to distribute the fill uniformly along Lots 224-229. Once the fill was evenly spread, compaction was carried out using a Bomag BW211 sheep foot compactor in combination with a Bomag RR-106 ride on vibratory roller.

Nuclear gauge density testing was conducted using a Troxler 3430 (serial #29588) on the compacted layer. One lift was tested on this day (see density report). The results showed compaction levels exceeding 95%. No further observations were made.

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.



Retaining wall compaction



Added course of block

ASEC Report ID : 80230
Name of the Project : Riverwood Retaining Wall
Project Location : Dallas
Weather : sunny
Departure Time : 04/18/2025
ASEC Technician Name : Russell Hendrix

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Testing

Kenneth Mosman

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