AS Engineering and Consulting LLC

Daily Field Report

Date : 11/05/2025
Project No : 2025C219
Client Company : Davidson
Arrival Time : 12/05/2025 07:00
Onsite Hours : 11:00

ASEC Report ID : 88351
Name of the Project : Hickory Bluffs, Retaining Wall
Project Location : Canton
Weather : sunny
Departure Time : 12/05/2025 18:
ASEC Technician Name : Mahendra Mylabathula

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.

On the morning of November 5, the crew excavated the remaining section behind the retaining wall to allow the continuance of soil testing from where operations ended the previous day. Manual penetration tests were performed at the newly exposed locations. The results were consistent with those observed on November 4, with each test showing more than 25+ blows within the first foot and early refusal. The soil conditions were found to be suitable for continuing wall construction. Based on these results, the contractor proceeded with the next phase of work.

The contractor resumed construction of the retaining wall using the same method as the previous day. Two rows of 8-inch concrete bricks were placed, providing another 16-inch lift of wall height. The design-grade elevation at this section is approximately 21 feet from the base, and the contractor worked the grade line behind the wall with the top of the wall for its full length. The grade measurements appeared to be set correctly prior to backfilling.

After grade checks, the crew placed aggregate behind the wall and installed a plastic separation layer as required. They then began backfilling again in 16-inch lifts. Although it was recommended limiting lifts to 6 inches for improved compaction, the contractor chose to continue with 16-inch lifts.

In addition, the contractor started installing the drainage system. They placed the daylight drainpipes through the wall at the finished grade line as part of the wall’s drainage design.

After completing the 16-inch backfill lift, nuclear gauge compaction testing was performed. The results met job specifications for compaction.

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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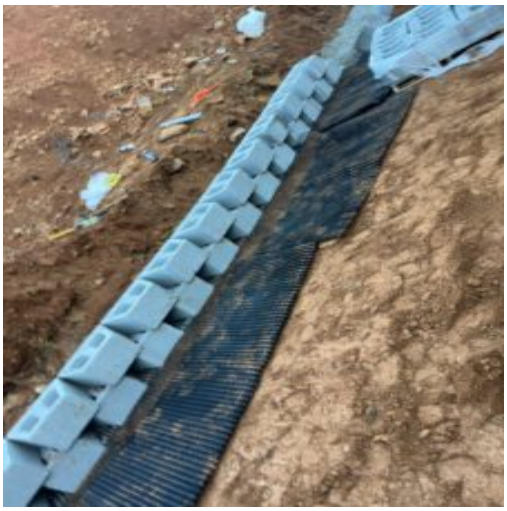
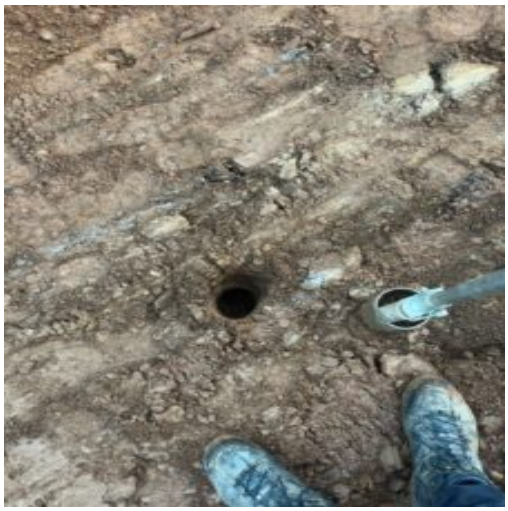

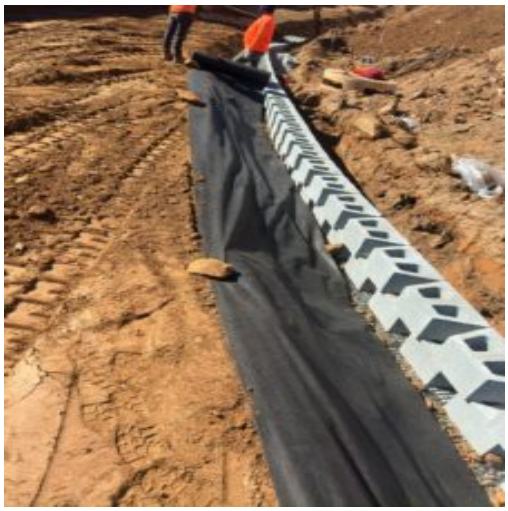
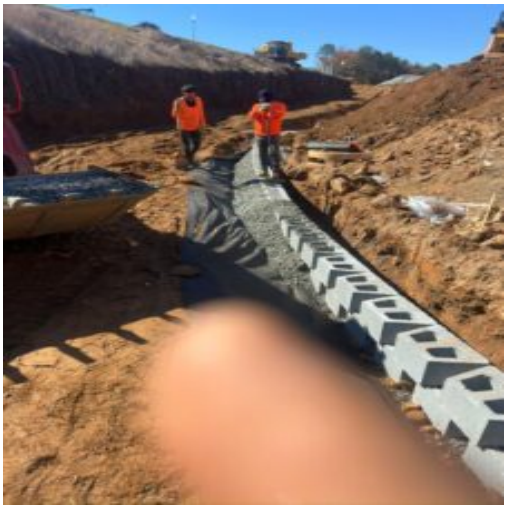
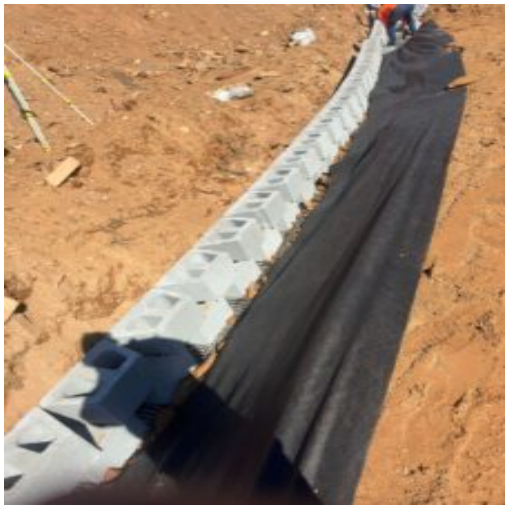

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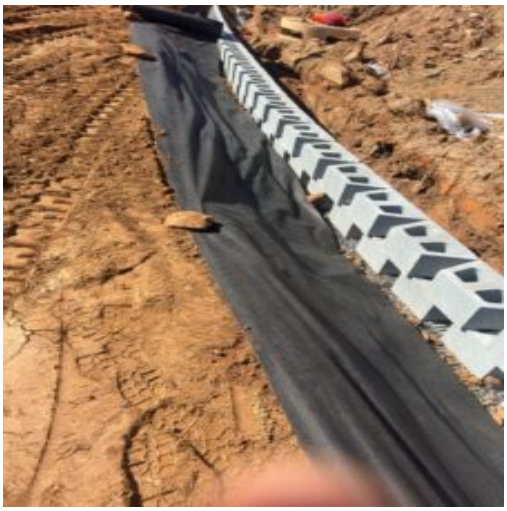
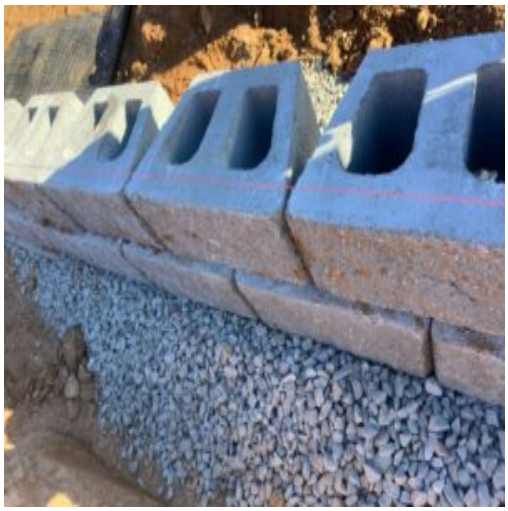
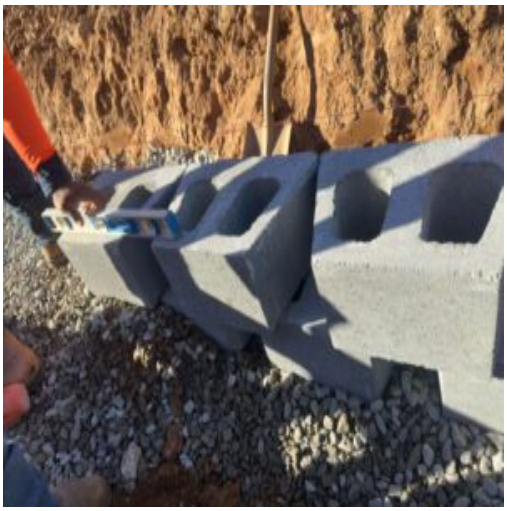


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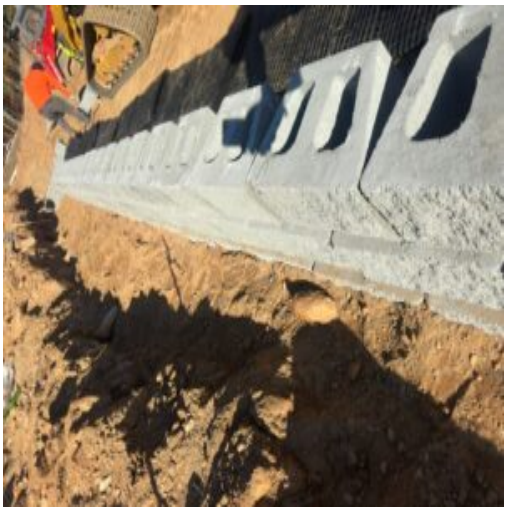

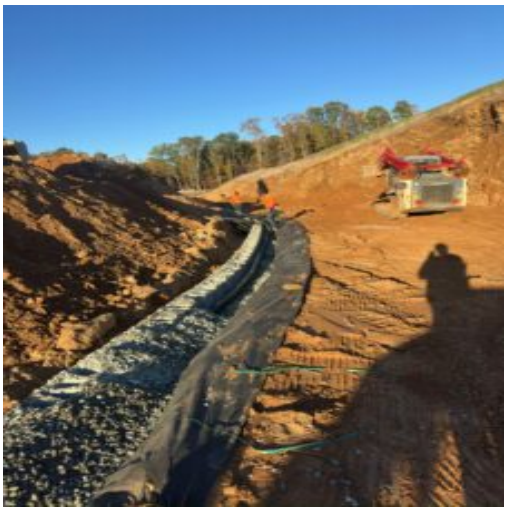

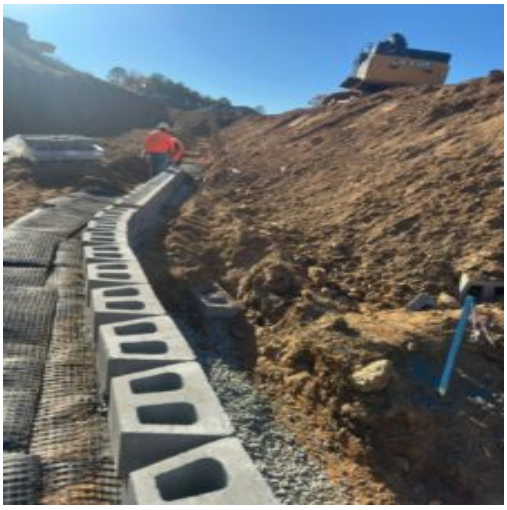

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Kenneth Mosman

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