

Date : 12/18/2024
Project No : 2024C168
Client Company : CCG
Arrival Time : 12/18/2024 8:00
Onsite Hours : 9:00

ASEC Report ID : 74687
Name of the Project : Reserve @ Gum Springs
Project Location : Jefferson
Weather : sunny
Departure Time : 12/18/2024 17:00
ASEC Technician Name : Aminullah Azimi

This report provides a detailed summary of the quality control inspection and testing performed by the ASEC representative. It includes the scope of work, methodology, observations, and test results to ensure compliance with project specifications and codes. Here's a streamlined interpretation:

1. Scope of Inspection:

- Observed backfill placement and compaction for the water line (locations from Lot #224 through #232 and Lot #15 through #19) and Redi Rock Retaining Wall #2.
- Verified compliance with project drawings, specifications, and applicable codes.

2. Key Observations:

◦ **Water Line and Retaining Wall#2 Work:**

- Backfill placement and compaction continued, for Retaining wall #2 and water line.
- A 2-inch undercut was recommended after proof-rolling CTB, replaced with asphalt.
- Redi Rock Retaining Wall #2 at creek crossing: Proper use of base course material, No. 57 crushed stone, and Geo-Grid placement in wall construction.

◦ **Compaction Practices:**

- 1-foot lifts placed for the water line and compacted using 6-ton pad feet and trench compaction equipment.
- 6- inches lifts placed for the water line and compacted using 9- ton sheep feet and trench compaction equipment.

▪ **Testing and Results:**

- Compaction tested with:
 - **Traxler Nuke Gauge:** Confirming density compliance.
 - **ASTM D 2937:** Standard Test for soil density using a drive-cylinder.
 - General probing with a 3/8" probe rod.
- Results: The majority of compacted materials met the project requirement of 95% maximum dry density per ASTM 698.

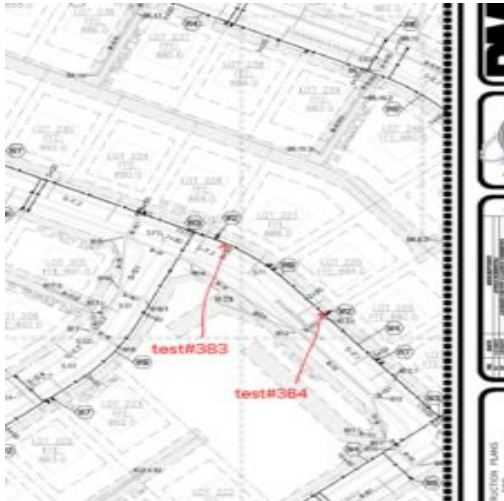
3. Conclusion:

- The report verifies adherence to the specified requirements. The testing data supports the quality of the construction activities observed.

Should further clarification or discussion be needed, ASEC is available to address questions

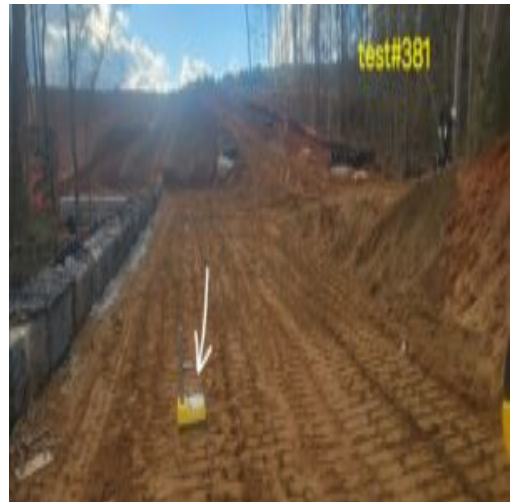
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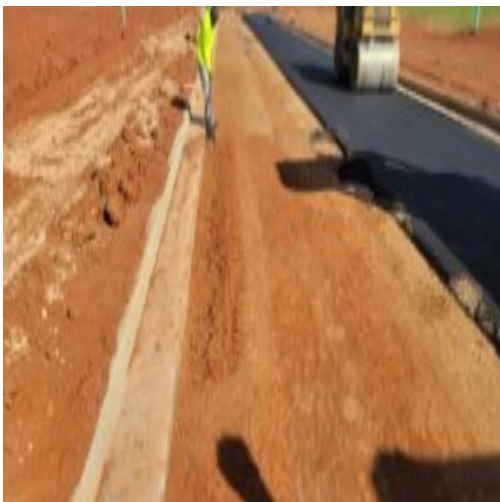
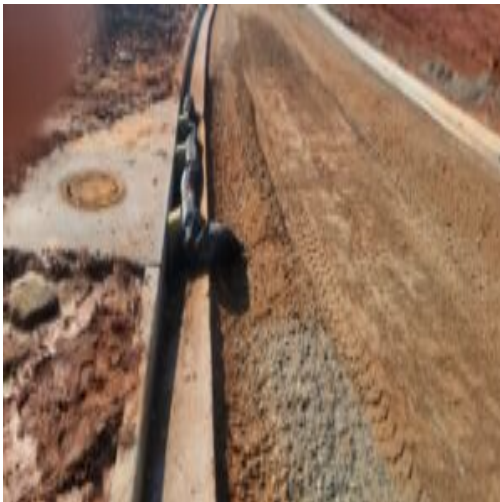
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Kenneth Mosman

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