

Date : 01/04/2025
Project No : 2024C168
Client Company : CCG
Arrival Time : 01/04/2025 8:15
Onsite Hours : 07:15

ASEC Report ID : 75859
Name of the Project : Reserve @ Gum Springs
Project Location : Jefferson
Weather : sunny
Departure Time : 01/04/2025 15:30
ASEC Technician Name : Aminullah Azimi

As requested, the site was visited by our AS Engineering and Consulting (ASEC) representative to provide quality control inspection and testing services. Visual observation techniques were employed to verify compliance with project drawings, specifications, applicable codes, and material submittals. The following observations and results were documented during the site visit.

Observations

1. Backfill Placement and Compaction:

- The placement and compaction of backfill soils for the SSFM were observed in front of Lots #132 through #136. Work was also in progress for the stabilization of Retaining Wall #1 footing between Station 0+15 and Station 0+95.

2. Riprap and Backfill Layers:

- At the time of arrival, the contractor was placing a 2-foot layer of riprap, followed by a 2-foot layer of No. 34 stone. Above these layers, 1-foot lifts of backfill were being placed for the SSFM.
- The contractor used a 6-ton pad sheepsfoot roller and trench compaction equipment to ensure proper compaction.

3. Compaction Testing:

- Testing was conducted using the **Standard Test Method for Density of Soil in Place by Drive-Cylinder (ASTM D2937)**. Additionally, general probing was performed with a 3/8-inch diameter probe rod.
 - Density test results indicated that most of the compacted materials met the project requirement of **95% of the maximum dry density** as determined by the **Standard Proctor Test (ASTM D698)**.
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Results

- The backfill soils in the inspected areas met the specified compaction requirements, confirming compliance with project standards and specifications.
 - Observations of stabilization work for Retaining Wall #1 footing indicate proper material placement and adherence to the specified construction methods.
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Conclusion

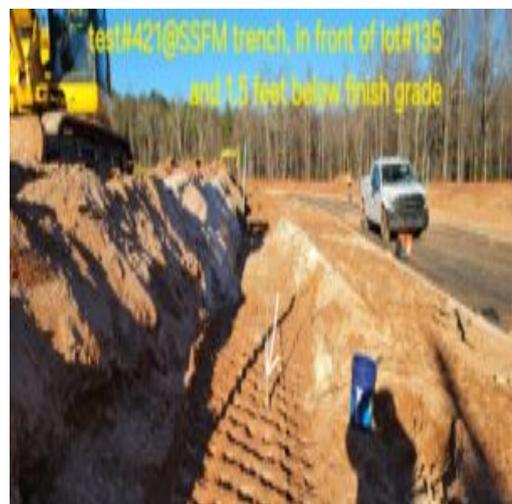
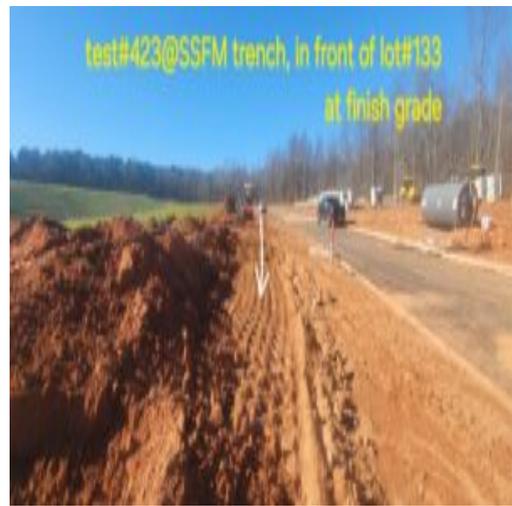
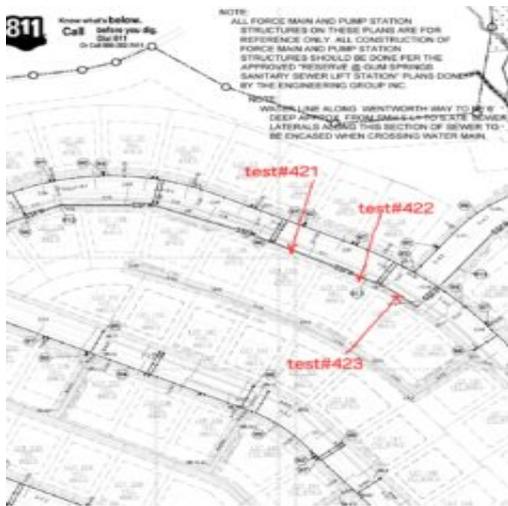
We appreciate the opportunity to provide quality control services for your project. If you have any questions regarding this report or require further assistance, please do not hesitate to contact us. Our

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team will be more than happy to discuss the findings in detail.

Contact Information:
[Aminullah Azimi]

4043228401



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