

Date : 01/17/2025  
Project No : 2024C168  
Client Company : Century Communities  
Arrival Time : 01/17/2025 9:00  
Onsite Hours : 08:30

ASEC Report ID : 75997  
Name of the Project : Reserve @ Gum Springs  
Project Location : Jefferson, Jackson County, Georgia  
Weather : sunny  
Departure Time : 01/17/2025 17:30  
ASEC Technician Name : Aminullah Azimi

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As requested, our AS Engineering and Consulting (ASEC) representative visited the site 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.

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### Site Observations:

- The installation and placement and compaction of GAB for retaining wall #1 and fill for the swimming pool area were in progress.
  - The placement of ride rock blocks was in progress.
  - Geo-grid reinforcement was installed with every course of the wall.
  - A 1-foot layer of No. 57 stone was utilized behind the blocks and within the wall cells.
  - At the time of arrival, for retaining wall, work was being conducted with 9-inch lifts of GAB placed and compacted using 9-ton Smooth drum and trench compaction equipment.
  - for swimming pool and parking area work was being conducted with 1-foot lifts placed and compacted using 6-ton padfoot and trench compaction equipment. (location is shown in the picture)
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### Testing Performed:

- **Compaction Testing:**
    - Testing was conducted using a Troxler nuclear density gauge in accordance with ASTM D 2937 (Standard Test Method for Soil Density).
    - General probing was performed with a 3/8" diameter probe rod.
  - **Results:**
    - for soils Density test results indicate that most of the compacted materials met the project requirement of 95% of the maximum dry density as determined by Standard Proctor ASTM 698.
    - for GAB Density test results indicate that most of the compacted materials met the project requirement of 92% of the maximum dry density as determined by Modified Proctor ASTM D 1557-12.
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### Conclusion:

The work observed and tested on-site today demonstrates compliance with the project's specified requirements for compaction and density.

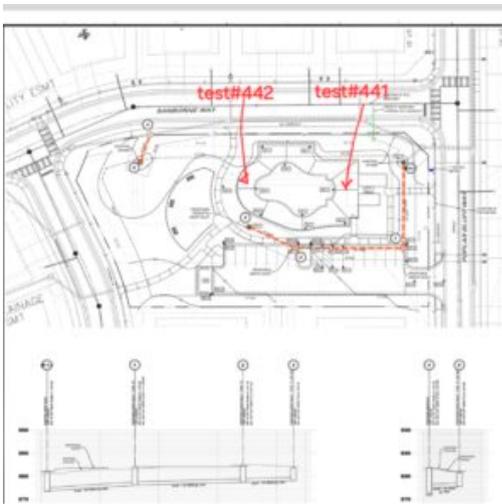
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**Contact Information:**

We appreciate the opportunity to assist you with this project. Should you have any questions regarding this report, please do not hesitate to contact



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**Kenneth Mosman**

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