Daily Field Report

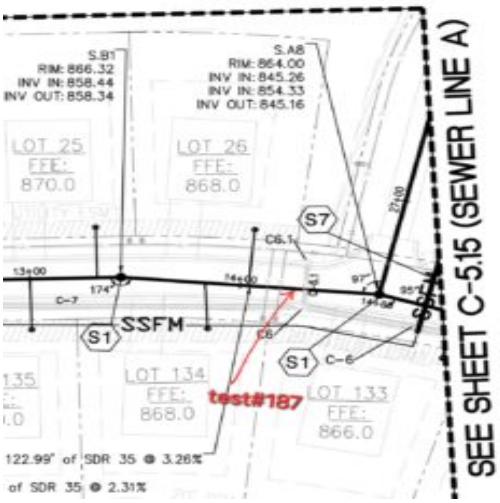
Date : 10/16/2024
Project No : 2024C168
Client Company : CCG
Arrival Time : 10/16/2024 11:00
Onsite Hours : 07:30

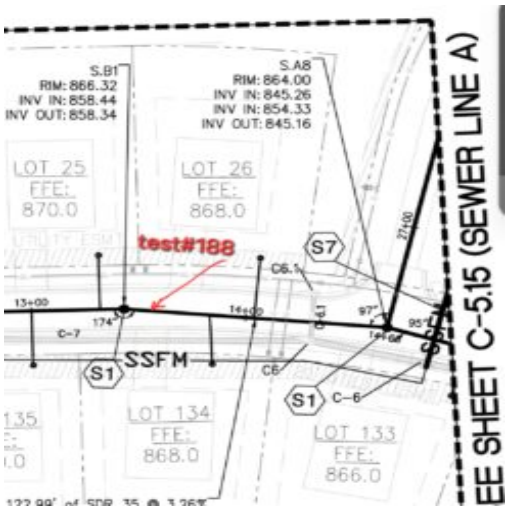
ASEC Report ID : 71446
Name of the Project : Reserve @ Gum Springs
Project Location : Jefferson
Weather : sunny
Departure Time : 10/16/2024 18:30
ASEC Technician Name : Aminullah Azimi

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.

- The placement and compaction of backfill soils for the sewer trench, between MHSA8, MHSB1, MHB2, MHB3, MHB4, MHSB5, MHSB6, and sanitary sewer lift station, and Crossing Creek-L1, continued this day.
- At the time of arrival, our representative observed that work was in progress with1-foot lifts being placed and compacted using 14 tons pad feet and trench compaction equipment. Compaction testing was performed using the Standard Test Method for Density of Soil in Place by Drive-Cylinder (ASTM D 2937), along with general probing using a 3/8″ diameter probe rod.
- Density test results indicate that most of the compacted materials met the project requirement of 95% of the maximum dry density obtained by a Standard Proctor ASTM 698. However, tests #187, 188 and 189 did not meet the project specification for compaction. The contractor Victor (with ALGC) was notified. As of day's end, the contractor did not recompact and no retesting of the failing areas could be performed.
- Note: for Crossing Creek L1 under RCP was underlying soils under the RCP were found to be soft and muddy. It was recommended to add one layer of filter fabric followed by a layer of Rip-Rap and then one more layer of fabric after which backfilling could continue (see pictures).

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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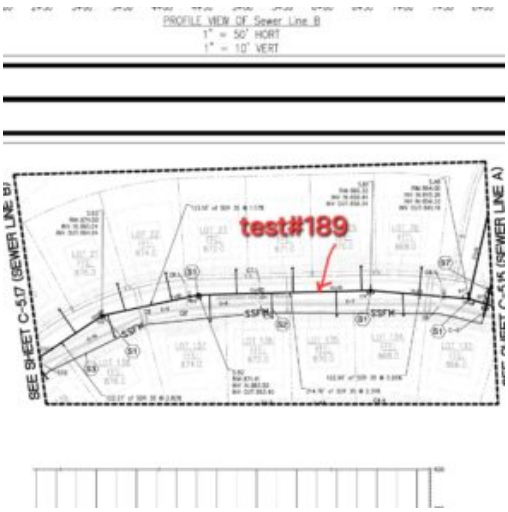

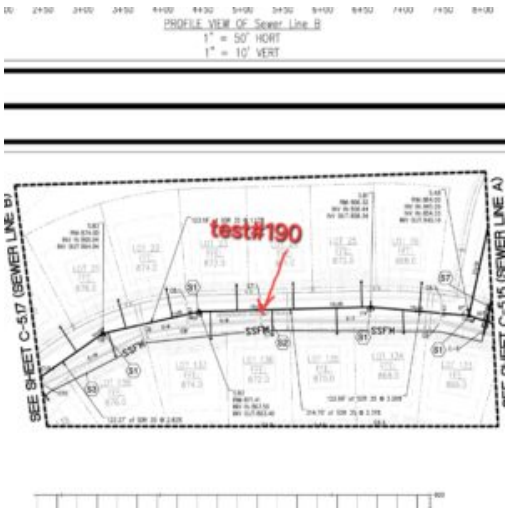

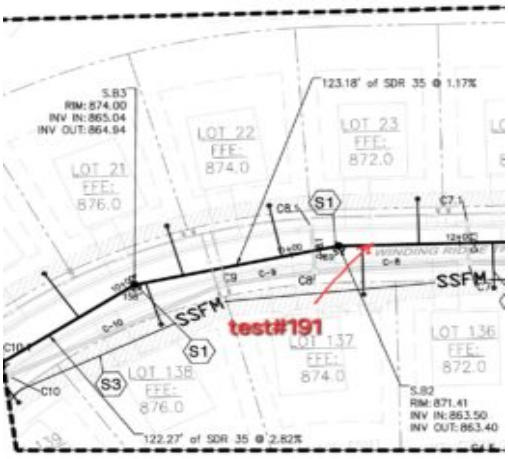

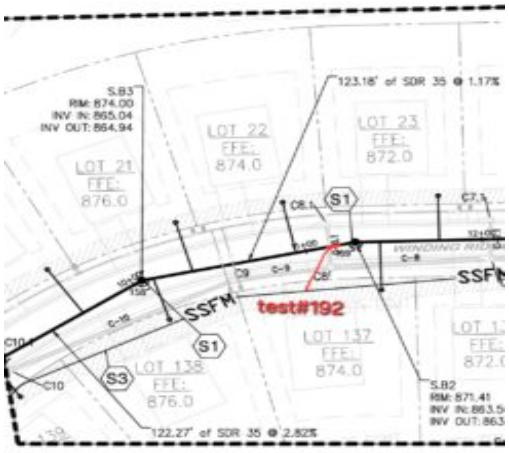

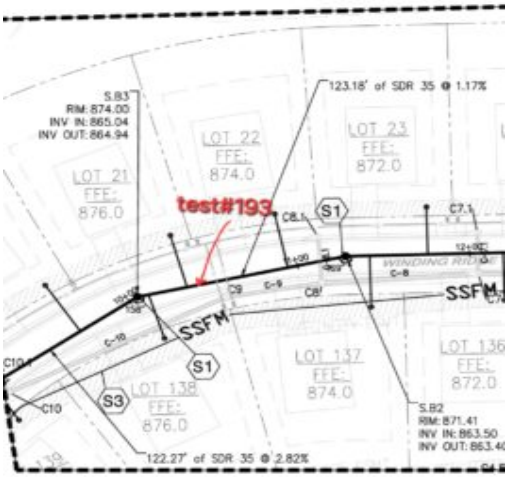

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Kenneth Mosman

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