

Date : 06/11/2024
Project No : 2024C112
Client Company : SR Homes
Arrival Time : 06/11/2024 9:00
Onsite Hours : 08:00

ASEC Report ID : 67036
Name of the Project : Sterlington
Project Location : Canton
Weather : sunny
Departure Time : 06/11/2024 17:00
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 for Lot #18 and Lot #19 and placement of 54 cubic yards 4000 psi concrete for retaining wall "B" footing, continued this day.
- At the time of arrival, our representative observed that work was in progress with 1-foot lifts being placed and compacted using a 15-ton sheeps-foot CP54B compaction equipment. Compaction testing was performed using a Troxler nuclear density gauge along with general probing using a 3/8" diameter probe rod.
- Density test results generally indicated that the compacted materials did not meet the project requirement of 95% of the maximum dry density obtained by a Standard Proctor ASTM 698.
- Observed the placement of 54 cubic yards 4000 psi concrete for retaining wall "B" footing.
- The required test limits were determined to be a slump of 4-6 inches, air content of 3-6 %, batch to placement time of 0-90 minutes, and concrete temperature range of 55-95 degrees Fahrenheit.
- Concrete observed on this date appeared to be placed in compliance with project specifications with regard to temperature, slump, and batch to placement time.
- Note: Air content of concrete was lower than specified air content job specifications.

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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