

Date : 11/23/2024
Project No : 2024C112
Client Company : SR Homes
Arrival Time : 11/23/2024 8:00
Onsite Hours : 03:00

ASEC Report ID : 73602
Name of the Project : Sterlington
Project Location : Canton
Weather : Sunny
Departure Time : 11/23/2024 11:00
ASEC Technician Name : Ramchandra Mogulla

This letter provides the final inspection summary for the monument installed at Sterlington Development. Throughout the monument's construction, representatives from AS Engineering and Consulting, LLC. conducted multiple site visits to monitor quality assurance, ensuring compliance with project drawings, specifications, applicable codes, and materials submittals. Testing was also performed as per project requirements. Below is a summary of our observations and findings:

Observations and Findings

1. Footing Evaluation

- The footing was assessed through visual inspection, hand probing, and dynamic cone penetrometer (DCP) testing.
- The evaluation revealed well-compacted fill soils underlain by residual soils, capable of supporting the structure with an allowable soil bearing pressure of 2,000 psf.

2. Reinforcing Steel for Footings and Slab

- Visual inspection confirmed compliance with approved project specifications.
- Dowels were installed at the planned spacings, and rebar standees were appropriately used to ensure proper cover.
- Lap lengths for the rebar appeared adequate for their size. Supporting photographs are attached for reference.

3. CMU Block Installation

- The block installation was carried out in general accordance with industry practices and project specifications.
- Following installation, the hollow sections of the blocks were filled with grout as recommended in the project drawings.
- Efforts were made to eliminate voids and achieve complete grout coverage.

AS Engineering and Consulting, LLC. appreciates the opportunity to provide services for this project. Should you have any questions or require further assistance regarding this letter, please do not hesitate to contact us.

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Monument Overview



CMU Block Installation



Grout filled CMU block



Central Monument footing installation - rebar

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Monument footing installation - rebar



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Monument footing installation - rebar



Monument footing installation - rebar



Ramchandra R. Mogulla
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Senior Engineer

Kenneth Mosman

Kenneth Mosman

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