

Date : 08/06/2025
 Project No : 2023C180
 Client Company : Artisan Communities
 Arrival Time : 08/06/2025 9:30
 Onsite Hours : 08:00

ASEC Report ID : 84415
 Name of the Project : Lakeside Sub., Lovers Lane > Retaining Wall
 Project Location : Calhoun
 Weather : sunny
 Departure Time : 08/06/2025 17:30
 ASEC Technician Name : Aminullah Azimi

At the request of the client’s representative, our AS ENGINEERING AND CONSULTING, LLC (ASEC) representative visited the job site to observe the contractor’s work activities from a quality standpoint to verify compliance with project drawings/specifications, applicable codes, and materials submittals and conducted QC testing per the project drawings and specifications. The following observations were made during our evaluation:

This report provides a reassessment of the footing for the retaining wall. The assessment includes excavation dimensions, depth, cleanliness, and the results of soil testing using a hand auger and Dynamic Cone Penetrometer (DCP) (ASTM STP-399), along with general probing tests.

The footing excavations were noted to be in general accordance with the project drawings with respect to size and depth.

Additionally, it was observed that the footing excavations were generally free of loose soil, debris, and water.

Dynamic Cone Penetrometer (ASTM STP-399) results at the test locations displayed soils capable of supporting a net allowable bearing pressure of 900 psf.

General probing using a 3/8” diameter probe rod found surficial soils in the base of the footing to be suitable for concrete placement.

The contractor placed 6 inches of GAB in the footing using a trench compactor for compaction.

DCP1		Station 1+15		DCP2		Station 0+50	
Depth (Feet)	Blows per 3/4” Increment						
1	8	1	8	1	8	1	8
2	8	2	8	2	8	2	8
3	9	3	9	3	9	3	9
4	12	4	9	4	9	4	9

- Footing subgrade conditions should remain dry and free of loose soils/debris prior to concrete placement. If exposed to inclement weather, the foundation subgrade should be re-observed by ASEC,

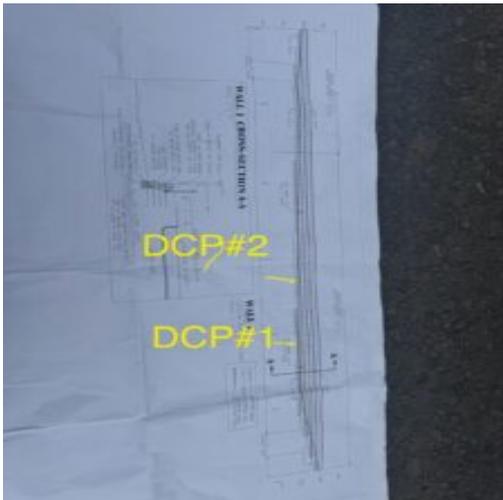
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