

Date : 09/24/2021
Project No : 2021G090
Client Company : DR Horton
Arrival Time : 09/24/2021 08:00
Onsite Hours : 06:00

ASEC Report ID : 34042
Name of the Project : Brooks Road Tract
Project Location : 1611 Brooks Road, Dacula, Georgia
Weather : Partly cloudy
Departure Time : 09/24/2021 14:00
ASEC Technician Name : Christopher Burrow II

As requested, a ASEC technician was present at the above referenced site for the purpose of conducting a slab on grade and perimeter footing inspection and bearing testing for lot #106

Slab appears to consist of #4 rebar rested on 3" rod chairs spaced at approximately six 6" inches on center. The bottom of the slab is covered with continuous poly vapor barrier lapping which wire mesh placed one 1" from the bottom of slab. Slab preparations appear to be in accordance with the plans. The footing evaluation was performed by visual inspection, hand probing and dynamic cone penetrometer (DCP) testing.

During the evaluation, well compacted fill soils were encountered underlain by residual soils. These soils were found to be capable of supporting the building structure utilizing an allowable soil bearing pressure of 2,000 psf. The footings are the proper depth and width and have been prepared in accordance with IRC 2012 and the Georgia Amendments. Lot #106 is ready for concrete placement.

18 inches of soil were removed from the bottom of the footings and replaced with 18 inches of #57 stone. The bottom of the footing was compacted with a trench roller and then the stone was compacted as it was placed in the footing. A layer of fabric was placed on the bottom and sides of the footing before the stone to wrap it.

The superintendent has been notified of these findings.



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Ramchandra R. Mogulla
GA P.E. 036021
Senior Engineer

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