

1669 Jimmie Kerr Rd., Haw River, NC 27258 336-516-8634, NC Firm No. C-1634

September 29, 2022

Clayton Homes 1921 Keller Andrews Rd. Sanford, NC

Attention: Mr. Stephen Wheeler

Reference: Non-Bearing Curtain Wall Evaluation 291 Bumpy Ln., Sanford, NC Project No. 022mh124, Lee County Permit No. BRES-2204-0027

Dear Mr. Wheeler:

Thank you for using Piedmont Geotechnical to conduct the evaluation for your project. As requested, the site was visited on September 28, 2022 to evaluate the structural stability of the non-bearing perimeter curtain wall and its footing.

The maximum height of the non-bearing curtain wall is about 58 in. The wall is constructed of 4-in. masonry block backed by 8 in. by 16 in. pilasters spaced at 6 ft. max. along the sections of the wall taller than 40 in. The curtain wall along approximately the back half of the home is taller than 40 in. The non-bearing curtain wall is supported by an 8 in. by 4 in. concrete block footing. The non-bearing pilasters are supported by a 4-in. mortar bed. The subgrade beneath the curtain wall footings was tested with a Static Cone Penetrometer test and found to be adequate to support 1,500 psf.

Based on measuring and observation, the non-bearing perimeter masonry curtain wall for the mobile home at 291 Bumpy Ln., Sanford, NC (Lee County Permit No. BRES-2204-0027) is structurally sound and adequate to support its proposed loads as it is built. If you should have any questions pertaining to this report, please call.

Sincerely

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D. Allen Hughes, P.E., President Piedmont Geotechnical, Inc., P.A.