



July 30, 2019

Clayton Homes
1921 Keller Andrews Rd.
Sanford, NC 27330

Attention: Mr. Stephen Wheeler

Reference: Marriage Line Evaluation/Inspection
209 Hicks Rd., Broadway, NC
Project No. 019mh118, Harnett County Permit No. BRES-1904-0060

Dear Mr. Wheeler:

Thank you for using Piedmont Geotechnical for your project. As requested, the site was visited on July 19, 2019 and July 29, 2019 to evaluate and inspect the placement of bolts, screws and straps along the marriage of the above referenced mobile home. Our report, dated July 22, 2019, summarizes the evaluation of foundation and anchoring system setup of the home.

Upon arrival, the approximate 56-ft by 27-ft mobile home had been set, bolted and trimmed. From our July 19, visit, it was confirmed that the marriage line was bolted at the floors with (27) 3/8 in. by 6 in. lag screws, installed alternating from front and back, and approximately evenly spaced at an average 2-ft. spacing.

On July 29, 2019 the site was revisited. Trim was removed from the interior and, siding and OSB were removed from the end walls sufficient to observe all outside end wall screws and a representative number of interior screws. The end walls were found to be connected with (3) 3/8 in. by 6 in. lag screws near the top, middle and bottom of each wall connection. A metal detector was used to compare the observed interior screws to the detected screws. Samples of the interior screws were removed and observed to be 3 1/2 in. no. 8 deck screws. The screws were found to be placed at about an average 1-ft. spacing along interior marriage line connections. A representative number of roof connections were observed to use 26-ga. 12 in. by 2 in. metal straps spaced at 24 in. along the ridge of the home. A metal detector was used to confirm that metal straps are present along the entire ridge.

Based on measuring and observation, it is my professional opinion that the marriage line connections along the floor, interior walls and ridge for the mobile home at 209 Hicks Rd., Broadway, NC (Harnett County Permit No. BRES-1904-0060) have been constructed in accordance with the setup manual, are structurally sound and adequate to support the proposed loads of the mobile home as they are built. Thank you for using Piedmont Geotechnical for your evaluation. If you should have any questions pertaining to this report, please call me.

Sincerely,



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