

D. ALLEN HUGHES
ENGINEERING, Inc.

1669 Jimmie Kerr Rd., Haw River, NC 27258
336-578-8634, Firm No. C-2951

September 12, 2022

Piedmont Mobile Home Movers
3115 Pagetown Rd.
Elon, NC 27244

Attention: Mr. Kevin Wrenn, kevin@piedmontmhs.com

Reference: Roof Connections, Observation of Strap Recommendations
7074 Mountain Rd., Oxford, NC 27565
Project No. D22mh76, Granville County Permit No. 2022-1074

Dear Mr. Wrenn:

Thank you for using D. Allen Hughes Engineering for your engineering needs. The site was visited on September 12, 2022 to evaluate the marriage line roof connections and to observe the implementation of the recommendations from our report dated August 25, 2022.

Upon arrival, the home had been set and the roof connection covered with shingles. The setup manual specifies that the roof be connected by the factory-installed straps (1-1/2" wide, 26 gage) by (9) staples on each side of the marriage line. A representative number of straps were observed by removing the shingles and were found to be properly attached. The rest were located by use of a pin-point metal detector. Five feet of each end of the ridge was fastened with continuous 16-in. flashing. The remaining approximate 58' was fastened with (16) straps located by the metal detector.

The piers had been properly coated with surface bonding cement and the additional straps added to the anchors in accordance with the recommendations in the August 25, 2022 report.

Based on measuring, observation and metal detection, the pier and anchoring system (including piers, anchors, straps, and connectors) installed and the marriage line roof connection for the mobile home at 7074 Mountain Rd., Oxford, NC 27565 (Granville County Permit No. 2022-1074) is structurally sound and adequate to support the proposed loads of the mobile home. If you should have any questions pertaining to this report, please call.

Sincerely,


September 12, 2022

D. Allen Hughes, P.E., President
D. Allen Hughes Engineering, Inc.