



Wise Engineering
3915 Old Fairground Rd.
Angier, NC 27501
(919)894-2203

September 16, 2024

Tracy and Kathy Hamilton

Subject: The Hamilton Plan by H-Squared Home Design, Inc.

Mr. and Mrs. Hamilton,

At your request, I reviewed the structural framing for the Hamilton Plan. Specifically, I reviewed the front porch support requirements.

Based on my analysis, the truss design for the trusses in the center of the home bear on the front and back wall of the home as well as the back beam on the covered patio. The trusses are not actually supported on the front porch beam, as they are designed as a cantilever. Therefore, 4 x 4 posts are adequate to support the front porch beam, which supports the end of the trusses.

If you need additional information or have other questions, please let me know.

Sincerely,

Randy K. Wise, PE

