

Date: 05/19/2025

To: **Ryan Russell**
Davidson Homes
1903 N. Harrison Avenue
Cary, NC 27513
rrussell@davidsonhomesllc.com
984-800-6136

Re: Framing Issues
Location: Lot 73 Wellers Knoll (Old Fashioned Way Lillington, NC)
JDS Project No.: RDU2505144
Date of Inspection: 05/16/2025

A representative of JDS Consulting arrived on site to observe the issues reported to us by the client, which are presented, along with our recommendations, in this report.

Observations

1. Above the garage the 3rd floor truss from the left wall, F02, has been damaged at the top of the right edge of the top chord approximately 16" – 28" from the rear for waterlines.
2. BCS2-2/4 top brackets have not been installed on the front porch posts per the design drawings.

Recommendations

Based on our onsite observations and review,

1. Install a 6' long 2x4 scab (strong side up) to the left face, starting at the rear and attached with (2) rows of 10d nails at 3" o.c.
2. Install (1) 1/4" x 6" SDS screw from each face of the top of the 4x4 posts into the (2) ply porch beam at a 45-degree angle.

If you have any questions or if I can be of further assistance to you on this project, please contact me at 984-297-5949.

Respectfully Submitted,
John Lowrance



Reviewing Engineer:
Kyle Edwards, PE, CWI