

Date: 09/16/2025

To: **Shannon Spivey**
Mattamy Homes
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919-533-8194

Re: **Damaged Roof Truss**
Location: Lot 134 Providence Creek (340 Providence Crrek Dr. Fuquay-Varina, NC)
JDS Project No.: RDU2509676
Date of Inspection: 09/16/25

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

The client requests an evaluation of the 2nd roof truss from the left exterior wall (R02) has a pulled gusset plate (non-centered bottom chord) at the 1st bottom chord connection point from the front wall. The client has installed a 2x6 that spans past the pulled gusset on the right face. It was also observed that the 2d/3rd/bottom chord (from the front wall) connection point gusset was pulled on both sides and the diagonal webs are not centered with the bottom chord.

Recommendations

Based on our on-site observations and review:

1. Realign the bottom chord and the above-mentioned web members.
2. Install a 2x6 scab that spans 2' past both gusset plates attached with (3) rows of 10D nails spaced at 4" o.c.
3. Furr out the web members.
4. Install a 16"x16"x3/4" OSB gusset centered on the pulled gusset plate at the diagonal webs on both sides attached with (2) rows of 10D nails spaced at 4" o.c. into every covered member.

If you have any questions or if I can be of further assistance to you on this project, please contact me at 984-344-4691.

Respectfully Submitted,
Patrick Ruff



Reviewing Engineer:
Maxwell C. Danskin, PE