

Date: 09/16/2025

To: **Shannon Spivey**
Mattamy Homes
2127 Ayrsley Town Boulevard
Charlotte, NC 28273
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919-533-8194

Re: **Damaged Roof Truss**
Location: Lot 135 Providence Creek (354 Providence Creek Dr. Fuquay-Varina, NC)
JDS Project No.: RDU2509679
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. This truss has a missing web portion at the bottom chord of the 2nd diagonal web from the rear above the rear master bathroom wall.

Recommendations

Based on our on-site observation and review:

1. Remove the gusset plates at the bottom chord.
2. Clean cut the remaining web portion.
3. Install a new full length (of the missing portion) web portion of equal or greater strength between the remaining portion and the bottom chord.
4. Attach the new web portion to the old web portion with a 4' long 2x4 scab on both sides centered on the meeting point with (2) rows of 10D nails spaced at 4" o.c.
5. Furr out the web and bottom chord as needed and install a 24"x24"x3/4" OSB gusset centered on the bottom chord gusset plate attached with (2) rows of 10D nails spaced at 4" o.c.

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