

**Date:** 04/16/2025

**To:** Vann Rollins  
Mattamy Homes  
2127 Ayrsley Town Boulevard  
Charlotte, NC 28273  
Vann.Rollins@mattamycorp.com  
919-805-5397

**Re:** **Damaged Roof Truss**  
Location: Lot 114 Providence Creek (312 Providence Creek Dr. Fuquay-Varina, NC)  
JDS Project No.: RDU2503974  
Date of Inspection: 04/16/25

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 1<sup>st</sup> roof truss from the right exterior wall. The 4<sup>th</sup> diagonal web from the rear is broken.

#### Recommendations

Based on our on-site observations and review:

1. Cleanly cut both ends of the broken web member flush with the gusset plates.
2. Install a new full length 2x4 web member between the existing gusset plates.
3. Install 16"x16"x7/16" OSB gussets to both sides and at both ends, centered on the existing gusset plates. Attach with (2) rows of 6d nails spaced 3" o.c. into all covered members.

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:  
Kyle Edwards, PE, CWI