

**Date:** 04/03/2024

**To:** **Alfredo Villalobos**  
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**Re:** **Truss Issue**  
Location: Lot 54 Prince Place (Fuquay-Varina, NC)  
JDS Project No.: RDU2403463  
Date of Inspection: 04/03/2024

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 2<sup>nd</sup> truss from the left wall of the loft, A2A, has been broken and repaired by replacing the broken section with a new 2x4 cut to fit tightly between the (2) squarely cut ends of the undamaged top chord. A 2x4 scab has been added to the left face beginning at the front of the top chord.

### Recommendations

Based on our onsite observations and review, the repair requires an additional 2x4 scab added to the right face, beginning at the front of the top chord, extending a minimum of 2' past the rear splice. Ensure each scab on each side is attached with (2) 10D nails at 4" o.c. Then, furr out the truss members on each side beginning at the front of the front heel with 2x4 material in order to install a 24" x 24" x 7/16" OSB gusset on each side, flush to the bottom of the bottom chord, cut to the slope of the roof and attached with (2) 6D nails at 3" o.c.

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

Respectfully Submitted,  
John Lowrance



Reviewing Engineer:  
Maxwell C. Danskin, PE

