

Date: 03/29/2024

To: **Alfredo Villalobos**
Davidson Homes
1903 N. Harrison Avenue
Cary, NC 27513
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919-841-2146

Re: **Damaged Truss**
Location: Lot 55 Prince Place (Fuquay-Varina, NC)
JDS Project No.: RDU2403308
Date of Inspection: 03/29/2024

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

A client requested an evaluation of a 14" floor truss located 6th from the left wall of the garage. The truss was previously repaired with approximately 8' x 3/4" OSB scabs that extended the full height of the truss. The OSB was later notched for plumbing. There are 2 observable cracks in the bottom chord of the truss in the area of the OSB scab. 1 crack is approximately 2 1/2" from the cut OSB edge, and the other crack is approximately 17" from the cut edge and 2" from the rear garage wall.

Recommendations

Based on our observations and review, install (1) 2 x 4 scab against both sides of the truss spanning from the rear garage wall to the cut OSB edge at the notch; and flush with the bottom chord. Attach these scabs with (1) row of 10d nails spaced 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 980-240-5681.

Respectfully Submitted,
Elisha Harris



Reviewing Engineer: Uchenna Onwuemene, PE

