

Date: 05/24/2024

To: Don Warren
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980-226-6636

Re: Damaged Roof Truss
Location: Lot 177 Birchwood Grove (Fuquay-Varina, NC)
JDS Project No.: RDU2405432
Date of Inspection: 05/24/2024

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 client requested an evaluation of repairs made to truss A6 located 6th from (2) ply girder truss located at the left wall. The truss had several repairs made to gussets. OSB gussets approximately 24"x24"x7/16" in size were installed at joint locations on both sides. The OSB gussets were attached with (2) rows nails spaced at approximately 4" o.c. The gussets at the top of the web member over the hall appear to be lifted.

Recommendations

Based on our observations and review, the existing repairs are adequate as installed, no additional repairs are required. We recommend installing a 24"x24"x7/16" on both sides of the top of the center vertical web member located over the hallway centered over the existing gussets. Attach the OSB gussets with (2) rows of 10d nails spaced at 4" o.c. in all cover members.

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

