

Date: 09/09/2025

To: **Jason Ward**
Builders First Source
2512 Yonkers Road
Raleigh, NC 27604
Jason.Ward@bldr.com
919-455-7690

Re: **LVL Issue**
Location: Lot 346 Serenity (45 Shady Creek Way Fuquay-Varina, NC)
JDS Project No.: RDU2509418
Date of Inspection: 09/09/25

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 (2) ply 14" LVL that spans left to right under the 2nd floor at the top of the stairwell at the rear side. The roof truss layout shows the LVL to have been a LGB04 ledger. The truss seals do not have a page for this member. The roof trusses (B01 and (5) B03s) are attached to the wall by a 2x10 ledger board that is screwed to the wall behind it with (2) rows of screws spaced approximately 16" o.c.

Recommendations

Based on our on-site observations and review, install studs at the 2nd floor wall as needed directly behind the vertical webs of the above-mentioned trusses so that they meet together. Install 2x8 vertical scabs to attach the vertical webs of the trusses to the newly installed wall studs attached with (4) rows of 10D nails spaced at 4" o.c. with (2) rows in the vertical webs and (2) rows in the wall studs.

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