

Date: 03/13/2024

To: **Ryan Russell**
Davidson Homes
1903 N. Harrison Avenue
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984-800-6136

Re: **Framing Items**
Location: Lot 33 Wellers Knoll (269 Van Winkle Street Lillington, NC)
JDS Project No.: RDU2402687
Date of Inspection: 03/13/2024

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 evaluation of several items from a 3rd party inspection report, listed as follows:

- 1) Inspector notes "2x10s at stair landing there is no option for 2x10s on the plans".
It was observed that the stair landing between floor 2 and 3 was stick framed with 2x10 joists, spanning 7', at 16" o.c. Joists are bearing on 2x4 wall studs, and nailed into a doubled stud on its side. 2x10 blocking was installed between each joist at their ends.
- 2) A06 2-PL truss has damaged gusset plates on both sides of joint 7.
- 3) F33 floor truss, 5th from left exterior wall. The bottom chord was cut at near joint 17 bearing end (member 18-17). Gusset plate on right was cut slightly as well.

Recommendations

Based on our observations and review, the following corrective measures are recommended for the corresponding items above:

- 1) 2x10 framing for stair landing is adequate as installed. No action is required.
- 2) Install a 24"x24"x7/16" OSB gusset plate on both sides of the truss. Cut edges of OSB flush with roof slope and ceiling/wall slope as necessary. Attach with minimum (14) 10d nails in the vertical web on each side, and minimum (14) 10d nails in the top chord on each side.
- 3) Install 3' long 2x6 scab on right side of F33 floor truss along bottom chord extending out from the rear end. Attach with (1) row of 10d nails through 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 984-332-1637.

Respectfully Submitted,
Benjamin Lambert

