

Date: 11/13/2025

To: **Tucker Carlson**
KB Home
4506 S Miami Blvd
Durham, NC 27703
tcarlson@kbhome.com
919-417-1742

Re: **Notched I-Joist**
Location: Lot 46 Birchwood Trails (98 Spy Glass Dr. Fuquay-Varina, NC)
JDS Project No.: RDU2511636
Date of Inspection: 11/13/2025

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

Above the dining room the 3rd I-joist from the front dining room wall has had the top flange nicked by drilling for the installation of a plumbing drain on the rear face 4' from the left wall.

Recommendations

Based on our onsite observations and review, pack out one face of the web with a 4' strip of 3/4" OSB cut to fit tight between the top and bottom flanges, centered on the damage and attached with construction adhesive and (3) 6D nails at 3" o.c. Then, install a 4' 2x4 scab flush to the bottom of the bottom flange, on top of the pack out, centered on the damage and attached with (2) 10D nails at 4" o.c. with (1) nail in the flange and (1) nail into the web.

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