

Date: 05/23/2024

To: **Don Warren**
KB Home
4506 S Miami Blvd
Durham, NC 27703
dawarren-x@kbhome.com
980-226-6636

Re: **Girder Bearing Issue**
Location: Lot 53 Birchwood Grove (Fuquay-Varina, NC)
JDS Project No.: RDU2405382
Date of Inspection: 05/23/24

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 B1G (3 ply) girder truss is not fully bearing on the right bearing end in the second-floor front middle bedroom.

Recommendations

Based on our on-site observations and review the client shall install a 6' 2x6 scab on the front right side of the girder truss attached with (3) rows of 10d nails spaced at 6" o.c. with full bearing on the top plate. Then, on top of the nailed-on bearing scab, install another 6' 2x6 on the front right side of the girder truss and attach with (2) rows of 6" long structural screws spaced at 12" o.c. with full bearing on the top plate.

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:
Drew Alexander, PE

