

Date: 08/31/2023

To: **Tony Fairchild**
Builders First Source
2512 Yonkers Road
Raleigh, NC 27604
tony.fairchild@bldr.com
919-669-5069

Re: **Damaged I-Joist**
Location: Lot 12 McKay Place (143 Black Creek Dr. (Lillington, NC))
JDS Project No.: RDU2307922
Date of Inspection: 8/31/23

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 has requested evaluation of the 7th from left joist having a damaged top chord starting approximately 5' from the rear bearing end and spanning 12".

Recommendations

Based on our onsite observation and review the contractor shall install (1) 5' by full web depth 7/16" OSB scab on each side centered on the damage. Attach the OSB scabs with construction adhesive and (3) rows of 6d nails 6" O.C. Then install (1) 5' 2x4 scab on each side centered on the damage and flush with the top of the top flange. Attach 2x4 scabs with (2) rows of 10d nails 6" O.C.

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,
Zachary Lower



Reviewing Engineer:
Maxwell C. Danskin, PE

