

Date: 12/07/2023

To: Daniel Lambert
Builders First Source
2512 Yonkers Road
Raleigh, NC 27604
daniel.lambert@bldr.com
919-475-7025

Re: Framing Items
Location: Lot 1 Griffon Pointe (2371 Old Us 421 (Lillington, NC))
JDS Project No.: RDU2311797
Date of Inspection: 12/7/23

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 following items:

1. The contractor has installed (2) 2x10's as headers to the left and right of the foyer in lieu of the (2) 1 ¾" x 9 ¼" LVL called for on the plans page S3.
2. The balloon framed wall at the left of the stairway has been built with (2) 2x4's spaced 12" O.C. in lieu of 2x6 16" O.C. called for on the plans page S3.
3. At the right and left end of the (3) ply LVL above the front right bedroom and the laundry room the contractor has installed (2) 1 ¾" x 9 ¼" LVL's in lieu of (2) 2x10 per plans.

Recommendations

Based on our onsite observation and review the contractor shall do the following:

1. Temporarily support the floor trusses above the headers. Remove the in place (2)2x10 headers at both locations and replace with (2) 1 ¾" x 9 ¼" LVL's.
2. Install (2) rows of ¼" x 5" SDS screws in every other wall stud 12" O.C. equidistantly spaced within the 2x10 stairway platform.
3. The use of the (2) 1 ¾" x 9 ¼" LVL's in lieu of (2) 2x10's is adequate as installed. No further action is required.

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: Uchenna Onwuemene, PE