

Date: 12/05/2023

To: **Alfredo Villalobos**
Davidson Homes
1903 N. Harrison Avenue
Cary, NC 27513
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919-841-2146

Re: **Framing Items**
Location: Lot 49 Prince Place (Fuquay-Varina, NC)
JDS Project No.: RDU2311636
Date of Inspection: 12/5/23

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 contractor not installing the HUC416 hanger at the left bearing end of the (2) ply 1 3/4" x 14" LVL where it called to hanger to the (2) 1 3/4" x 24" LVL. The (2) 1 3/4" x 24" LVL has a double 2x8 nailer just to the rear of it.

Recommendations

Based on our onsite observation and review the contractor shall first attach the double 2x8 nailer to the (2) 1 3/4" x 24" LVL with (2) rows of 6" SDS screws 6" O.C. Then notch the 7/16" sheathing on the rear side of the (2) 1 3/4" x 14" LVL as needed to install (1) Simpson HHUS410 hanger at the left bearing end. Attach the hanger on the rear side of the (2) 1 3/4" x 14" LVL to the double 2x8 nailer and ensure all flange nails are installed per the hanger's manufacturers specifications. Lastly install a 2nd full height 2x4 wall stud directly under the 2x8 to properly carry the load to the sill plate. Ensure there is a (2) 2x4 column below the above-mentioned column to carry the load to the foundation.

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:
Drew Alexander, PE

