

**Date:** 11/01/2024

**To:** **Donnie Bentley**  
Dan Ryan Builders  
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919-328-0457

**Re:** **LVL Issue**  
Location: Lot 27 Honeycutt Hills (457 Adams Pointe Ct. (Angier, NC))  
JDS Project No.: RDU2410848  
Date of Inspection: 11/01/2024

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 requested an evaluation and specifications for alternate framing at the right garage wall. The plans call for the (3) ply 1-3/4" x 18" LVL girder beam directly to the rear of the garage front door to bear on (6) ply 2x4 column. There is not sufficient clearance for stud column installation at the location.

### Recommendations

Based on our observations and review, support all relative framing and perform the following steps:

1. Install a minimum 6'-5" long (2) ply 1-3/4" x 18" LVL over the right side inset at the main house entrance from the garage at the right of the beam. Ensure that the (3) ply girder beam is flush to the face of the newly installed (2) LVL.
2. Support the beam at both ends with a minimum (3) ply 2x4 stud column. Ensure that squash blocks are installed between the top and bottom chord of the floor trusses below directly beneath the stud column plys (1) block for every ply. Attach the squash blocks with (2) 10d toenails into the top and bottom chord. Attach the plys of the stud column with (2) rows of 10d nails spaced at 12" o.c. as well as (2) 10d nails into the top and bottom plates. Install a CS16 strap across the stud column and squash block plys.
3. Attach the existing LVL to the newly installed LVL with a Simpson HGUS5.50/14 hanger with (2) additional Simpson GA1 angles on each side.

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,  
Elisha Harris

