

**Date:** 07/18/2024

**To:** **Chris Hare**  
Mattamy Homes  
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984-270-0812

**Re:** **Stud Column Issue**  
Location: Lot 14 Riverfall (18 Bering Circle Angier, NC)  
JDS Project No.: RDU2407356  
Date of Inspection: 07/18/2024

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 assessment of the wall between the 2 garages at the front of the house.

1. The plan specifies (5) jack studs and (4) king studs at both sides of the opening. Instead, the builder has installed (6) jack studs at the front location (6) jack studs at the rear location.

### Recommendations

Based on our observations and review:

1. Install an additional full height stud outboard of the outmost stud ply. Attach the stud with (2) rows of 10d nails spaced at 12" o.c. Install a CS16 strap between the new stud and header. Ensure that the strap extends to the top of the LVL and a minimum of 12" down the stud.

Note: It was observed on site that the header installed is not per plan. The plans provided specify a (2) ply 16" LVL at the location. The beam is a (2) 14" LVL has been installed. This letter is only an analysis of the stud columns mentioned above, a beam analysis was not requested and is not part of this letter. If an analysis of the beam is requested, please contact JDS Consulting and we can provide you with analysis and/or repair specifications.

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



Reviewing Engineer:  
Maxwell C. Danskin, PE