

**Date:** 10/24/2023

**To:** **Michael Francis**  
Dan Ryan Builders  
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919-500-3883

**Re:** **Porch Beam Issue**  
Location: Lot 45 Honeycutt Hills (Angier, NC)  
JDS Project No.: RDU2310133  
Date of Inspection: 10/24/23

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 right front to rear spanning double 2x8 above the front porch does not have full bearing at the front bearing end. Both plys appear to have approximately ¼" bearing end. Also, CS16 straps have been installed at a 90-degree angle connecting the porch beam to the post.

#### **Recommendations**

Based on our onsite observation and review the contractor shall install (1) Simpson L90 between the inner plys of both the right to left spanning double 2x8 and the front to rear spanning double 2x8. Remove the CS16 straps and install a Simpson A34 with 3" long wood screws connecting the porch beam to the post.

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