



HAYES STRUCTURAL
Consulting & Design, PLLC

NC FIRM LICENSE NO.: P-2854
1991 EDDIE HOWARD ROAD | WILLOW SPRING, NC 27592
ZACH@HAYESSTRUCTURAL.COM | (919) 210-3480

Date: March 15, 2024

To: Tyler Appel
Drees Homes
8521 Six Forks Road, Suite 500
Raleigh, NC 27615

Re: 23-FRM-029
Framing Inspection
Lot 17 Tobacco Road
187 Golden Leaf Farms Rd.
Angier, NC 27501
Permit No.: SFD2401-0065

Mr. Appel:

At your request, a site visit was made to the above referenced single family residence under construction to inspect the support of the plan specified (2) 1 $\frac{3}{4}$ "x14" LVL flush beam spanning left to right above the front porch.

Observations:

An additional (2) 1 $\frac{3}{4}$ "x14" LVL flush beam was installed above the front porch spanning front to back between the porch header and front exterior wall to support the left end of the LVL beam noted above. The added beam was chamfered to a +/- 8" depth at the front bearing end to match the roof line. The LVL beam spanning left to right was temporarily attached to the LVL beam spanning front to back with toe nails but lacked a hanger or other mechanical connection.

Analysis and Recommendations:

The "as-built" chamfered (2) 1 $\frac{3}{4}$ "x14" LVL flush beam spanning front to back to support the LVL flush beam spanning left to right is adequate. The LVL beam spanning left to right is to be fastened to the LVL beam spanning front to back with a Simpson Strong-Tie HUS410 hanger. This prescribed configuration will provide the required support for all imposed loads.

Please call me if you have any questions.

Respectfully submitted,

Zachary H. Hayes, PE
Owner/Structural Engineer
Hayes Structural Consulting & Design, PLLC



Digitally signed
by Zachary H.

Hayes, PE

Date: 2024.03.15

07:04:02 -04'00'