



**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:** August 7, 2024

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

**Re:** 24-FRM-101  
Framing Inspection  
Lot 22 Tobacco Road  
89 Looping Court  
Angier, NC 27501  
Permit No.: SFD2405-0100

Mr. Appel:

At your request, a site visit was made to the above referenced single family residence under construction to inspect the framing at bath #2.

**Observations:**

A (2) 1 $\frac{3}{4}$ "x9 $\frac{1}{4}$ " LVL header was installed above the 4/0 transom window opening per plan. The header was installed directly beneath the double top plates and is supported by (2) jack studs and (2) king studs at each end. The perpendicular (2) 1 $\frac{3}{4}$ "x14" LVL flush beam bears on the double top plates above the header.

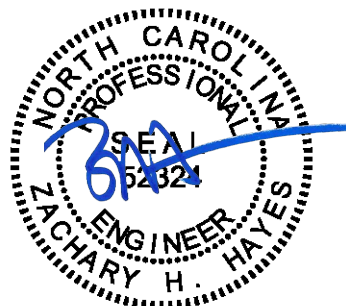
**Analysis and Recommendations:**

Analysis revealed the "as-built" (2) 1 $\frac{3}{4}$ "x9 $\frac{1}{4}$ " LVL header is suitable to support the imposed loads. The plan specified (4) stud column is not required at the right end of the flush beam as the header is suitable to support the flush beam without intermediate bearing and is installed directly beneath the double top plates. No modifications are required.

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  
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