



HAYES STRUCTURAL
Consulting & Design, PLLC

NC FIRM LICENSE NO.: P-2854
1991 EDDIE HOWARD ROAD | WILLOW SPRING, NC 27592
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Date: January 10, 2025

To: Ronnie Adams
Prewitt-Douglas Custom Homes
2500 Regency Parkway
Cary, NC 27518

Re: 24-KAHD-029.2
Structural Analysis
Lot 35 Cotton Farms
318 Deer Tail Lane
Fuquay-Varina, NC 27526
Permit No.: SFD2405-0070

Mr. Adams:

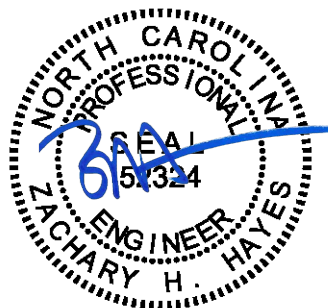
At your request, the structural plans were reviewed to address the attachment of the double rafter to the ridge beam above the recreation room.

You indicated the top end double rafter is fastened to the ridge beam with a single Simpson Strong-Tie L90 angle in lieu of (2) angles per plan. You also indicated a second angle cannot be installed due to the proximity of the adjacent rafter. Analysis revealed the "as-built" single Simpson Strong-Tie L90 angle is suitable to support the loads imposed by the double rafter. A second angle is not 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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