VAN DEURZEN AND ASSOCIATES, P.A.

CONSULTING STRUCTURAL ENGINEERS 11011 KING STREET, SUITE 130 COMMERCE TERRACE BUILDING D OVERLAND PARK, KANSAS 66210 (913) 451 - 6305 FAX (913) 451 - 1021

July 15, 2024

Mr. Mike Yancik Elevate Design and Build 350 SW Longview Blvd Lee's Summit, MO 64081

Re: 2206 Hook Farm Dr. – Framing Evaluation Report Lee's Summit MO

Dear Mr. Yancik,

This letter is in regard to our inspection and evaluation of the hip rafter located over the master bedroom. At the time of our inspection, we had noted that the hip rafter consisted of a double 2x10. The hip rafter was notched at the box vault framing and was not bearing fulling at the exterior wall. We had noted that the heal depth at the box vault framing was approximately 5 $\frac{1}{2}$.

Based on our inspection, we had recommended that the heal of the hip rafter at the exterior wall be shimmed to provide full bearing of the rafter on the wall and that the two plies of the hip rafter be screwed together to provide for a composite element.

A review of the recommended corrective measures was performed by our office. Based on our review, the double 2x10 hip rafter is adequately supported and is structurally adequate for the support of the roof. No additional corrective measures are required.

We trust this report will meet your needs. If you need any additional information, please contact this office.

Sincerely,

VAN DEURZEN AND ASSOCIATES, P.A.

Chad M. Streeter, P.E.

7/15/2024

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