

Mark E. Jones, PE  
Structural Engineering and Design

November 14, 2022

James S. Adcock III  
135 N. Main St.  
Fuquay-Varina, NC 27526

Ref: Site Observations and Analysis  
Permit No. SFD2006-0086  
334 Kipling Rd.  
Fuquay-Varina, NC  
Project No. 22-157

To Whom it may concern;

The above referenced site was visited on November 9, 2022 to address the following structural condition(s):

4. Valleys are 9 ¼" lvls, plans call for 11 7/8".
5. Steel beam full bearing on flange at foyer.

Based on observations and analysis, the conclusions regarding the condition(s) are:

4. Upon detailed analysis of actual spans and loading conditions, the existing (2) 9 ¼" LVL valley beams are adequate to support all imposed design loads. No repair or enhancement is required.
5. The W8x48 steel beam (flange width 8 1/8") bearing on (6) 2x4 studs (3 ½" width x 9" long) per plan is adequate to support all imposed design loads. No action is required.

Thank you for this opportunity to assist you. If you have any questions or need any further assistance, please do not hesitate to call.

Respectfully,



Mark E. Jones, PE

