

# Takla Engineering, PLLC

NC Firm License # P-1952

Consulting | Design | Efficiency

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**Project:** Prince Place Lot 34

**Location:** Fuquay Varina, NC

**Company:** Davidson Homes

**Care Of:** Lee Aversano

**Subject:** Notched LVL

**Job Number:** 2-2847-22

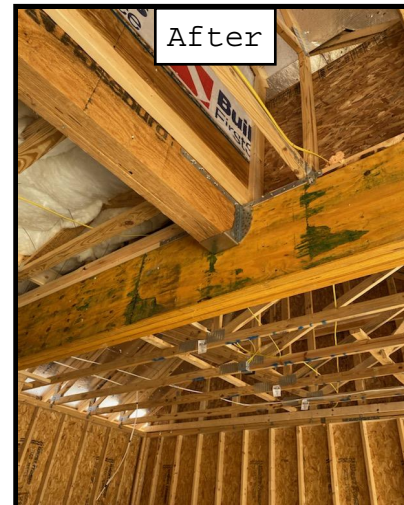


As requested, Andy Takla, PE prepared this report on June 15th, 2022 to provide formal documentation of our acceptance of the following which was discussed prior to implementation.

(3) 24" LVL beam over the garage is notched ~8" about the supporting (3) 18" LVL.

To accommodate the notch, engineer recommended installing hanger Simpson HGUS5.5/10 at the bottom section of the (3)24" LVL to prevent any potential of a shear failure resulting from the notch.

Based on review, the repairs have been implementing in accordance with our recommendations; No further change is required.



Limitations of Inspection: Services provided are in accordance with the standard of practice for structural engineering, the North Carolina Residential Code (2018 edition) and within the limits imposed by scope, schedule and budget. The determinations contained in this report are based on conditions observed at the time of the evaluation. No guarantees or warranties, expressed or implied, under this agreement or otherwise, shall be construed in connection with services provided. Sequencing, shoring, means and methods of construction are considered beyond the scope of this report. All information used to form decisions and recommendations provided to engineer are taken as truthful. Takla Engineering assumes no responsibility for untruthful statements provided by any party. Lastly, while every effort has been made to ensure accuracy in the preparation of this document, the maker cannot guarantee against human error nor evaluations of structural elements which are concealed from visual inspection.

