



Takla Engineering, PLLC

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Consulting | Design | Efficiency

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Project: Quail Glen Lot 51
Location: Fuquay Varina, NC
Company: NVR Homes
Care Of: Bryan Blanco
Subject: Roof Truss Repair Review
Job Number: 2-5335-23



As requested, Andy Takla, PE prepared this report on December 13th, 2023 to review the following roof truss repair noted during a recent framing inspection report.

In-place repair to vertical web of roof truss was done by means of 2x4 scab to both sides, nailed with (2) 16D nails at ~ 8" on center. See picture below for reference. Based on review, the in-place repairs are appropriate, consistent with the standard industry truss field repairs, and adequate to restore the structural integrity of the roof trusses. **No changes 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.

