

# Takla Engineering, PLLC

NC Firm License # P-1952

Consulting | Design | Efficiency

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NC PE License # 047507

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**Project:** Quail Glen Lot 176

**Location:** Angier, NC

**Company:** NVR Homes

**Care Of:** Kevin Franck

**Subject:** Framing Items

**Job Number:** 2-2091-22



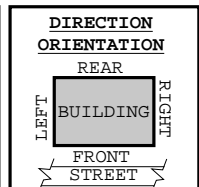
As requested, Andy Takla, PE prepared this report on May 2nd, 2022 to address and consult on the following items presented to engineer by construction manager:

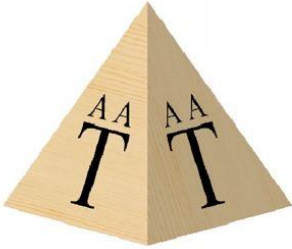
1) Side loaded roof trusses (SE 13184) to 3 ply girder roof truss (SE16445) features gaps in hangers which exceed 1/8" (but not more than 1"). Moving forward, we recommend installing the fasteners as shown in the detail found on page 2. Typical where conditions apply.

2) Section of top plate under roof truss (shown picture 2) is broken. Moving forward we recommend flushing the broken (jagged) sections of top plate away as to enable the installation of a corresponding shim/ packing of the same size to be placed in its position. Then, install a CS22 strap over the top plate and shim/ packing extending ~ 6" down the top plate in each direction.



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.





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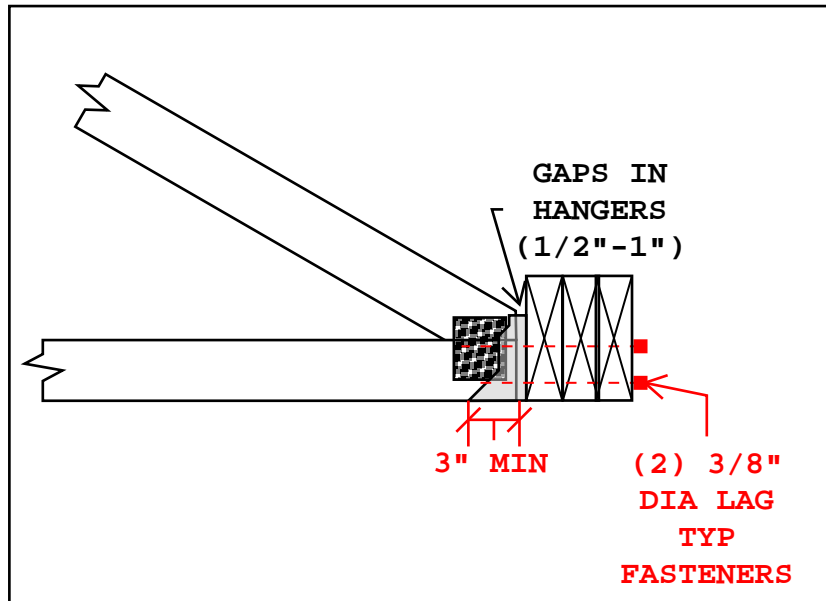
**Location:** Angier, NC

**Company:** NVR Homes

**Care Of:** Kevin Franck

**Subject:** Roof Truss Repairs

**Job Number:** 2-2091-22



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