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Project: 309 Maple St Renovation **Job #:** 2-0841-26
Address: 309 Maple St **Page #:** 1 of 1
Care Of: Bret Beaman **City:** Cary, NC
Company: Triangle Homes Inc. **Report Date:** 02/16/2026
Engineer: Andy A. Takla, PE **Date on Site:** 02/16/2026
Subject: 3rd Party Inspection - Beam and Dropped Girder

As requested, Takla Engineering prepared this report to address and provide formal documentation of our review and acceptance of the following conditions observed on site; Our initial report (Job Number 2-4686-25) was issued following a site visit made on July 15th, 2025.

1- The (2) 11-7/8" LVL flush beam installed between the living room and kitchen (right side of house) to accommodate removal of the center bearing wall was reviewed. See Picture 1 below for reference. Based on our review, the beam has been installed in accordance with our recommendations, including required end supports and attachment of ceiling joists thereto. **No further action is required.**

2- The (3) 2x8 dropped girder installed within the crawlspace at approximately midspan of the floor joists supporting the hallway bathroom was reviewed. This girder was intended to reduce floor deflections resulting from an offset center girder and bearing wall. Based on our review, the girder has been installed in accordance with our recommendations, including required supports and attachment of floor joists thereto. Although the girder is shorter than originally specified, the previously under-supported areas are now adequately supported by new posts spaced at appropriate intervals. **No further action is required.**

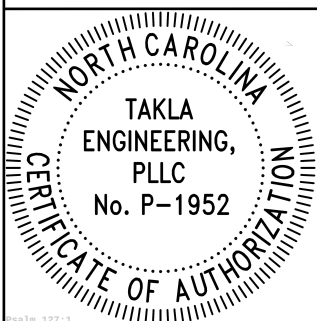
Item 1



Item 2



Item 3



Limitations of Inspection and Liability: Engineering services in this report follow standard structural engineering practice and the North Carolina Residential Code (2024 Edition). Conclusions and recommendations are based solely on site conditions observed at the time of evaluation and are limited by the agreed scope, schedule, and budget. This report excludes any responsibility for construction sequencing, shoring, or means and methods. Evaluations are limited to visible and accessible elements; no destructive testing or inspection of concealed components was performed. No guarantees or warranties, express or implied, are provided in connection with these services. Takla Engineering relies on the accuracy of information provided by others and assumes no liability for conclusions based on incomplete, inaccurate, or misleading input. Reasonable efforts were made to ensure accuracy. However, the potential for human error and the limitations of non-invasive inspection must be acknowledged. Takla Engineering's maximum liability—whether from contract, tort, or otherwise—is limited to the total fees paid for services under this agreement, barring gross negligence. By accepting, referencing, or using this report, the recipient agrees to all terms, limitations, and conditions set forth herein, barring gross negligence by Takla Engineering.

DIRECTION ORIENTATION

