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September 11, 2020

Mike Sayre
162 Oakridge Avenue
Spring Lake, NC 28390

Re: Garage Floor Modifications
Project #20174

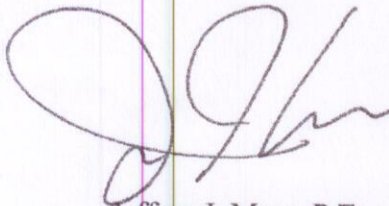
Dear Mr. Sayre:

You are the homeowner of the house at the referenced address above. A floor was added in the garage to gain livable floor space. This was done without obtaining a permit from the city. I made a site visit to inspect this floor construction and recommend the following changes/additions:

- Construct four - 8" thick by 24" square footings. One at front, one at rear and two equally spaced in between for the length of the garage.
- Construct a (3) 2x8 girder for the length of the garage.
- Support the existing 2x6 at 16" on center floor joists with the new (3) 2x8 girder.
- Provide a LUS26 joist hanger at each 2x6 joist hanger.
- Provide a 16" by 10" thick footing with a 8" masonry foundation wall and stud wall to fill in the existing garage door opening at the front of the garage.

This construction meets the loading requirements of the North Carolina Residential Building Code, 2018 Edition.

Respectfully Submitted:



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