

**CARTER ENGINEERING & CONSULTING, PLLC****STRUCTURAL + CIVIL**

Mr. M. McDaniel
Home Work Services
3312 Black Stallion Court
Zebulon, North Carolina 27597

Location: 104 Lonnie Betts Drive, Holly Springs, North Carolina 27540
Project: Gentry Doggendorf Residential: detached garage addition

The owner has contracted to construct a 36'x30' detached garage with roof truss framing. I have provided consultation and performed a review of the construction plans [reference the 11 page construction drawings by Home Work Services for the above location]. No exception is taken to the contractor's construction plans provided incorporation of the following provisions.

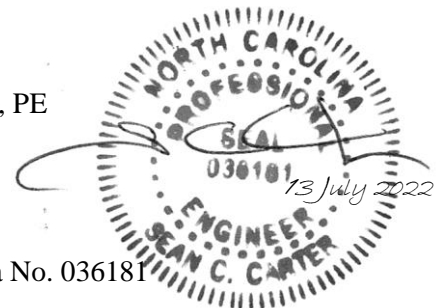
Provisions:

- All work shall be in compliance with the 2018 NCRC;
- Concrete slabs shall be constructed with standard control joints;
- LVL beam shall be fastened to the top of the column using an approved method;
- LVL beam bearing at garage wall framing shall be on 3 jack studs unless noted otherwise;
- Roof decking OSB shall be a minimum APA rated 24/16 Exp. 1;
- All mechanical connections shall use manufacturer specified fasteners filling all fastener slots;
- All engineered materials shall be installed per manufacturers specifications;
- Any conditions discovered to be non-compliant or present structural concern shall be immediately brought to the attention of the engineer of record.

As a registered North Carolina professional engineer in good standing and faith, based on the provided information, common practice, and standard tables, to the best of my knowledge the described construction in its completed form is in conformity with the intent of the applicable 2018 North Carolina Building Code to adequately and safely support anticipated loading conditions.

This letter is for the express use by the client. It is the responsibility of any third party to perform proper assessment prior to any modification to the construction from the original plan and/or intent; the Consultant accepts no responsibility for damages suffered by any third party as a result of such decisions or actions. This letter has been based, generally, on common practice, standard tables, and a non-intrusive visual observation and is not an exhaustive study and should not be interpreted as such.

Sean C. Carter, PE



North Carolina No. 036181