

**Howerton Services, PLLC**  
**License # P-1716**  
3513 Cathedral Bell Road  
Raleigh, NC 27614  
(919) 270-3460

December 5, 2022

Subject: Hobbs Residence  
99 Kipling Road  
Fuquay Varina, NC 27526  
Plan Revision Letter  
Harnett County Permit #: SFD2202-0069

Based on the request of the Contractor, several items on Sheet S2 were revised. My assessment and recommendations are as follows:

- The I-joists over the Kitchen and Family Room were changed. The new joists are 14" BCI 5000s 1.8 spaced at 16" centers. The LVL beams in this location were changed to double 1 3/4"x 14" LVL beams.
- The I-joists over the Garage were changed. The new joists are 14" BCI 5000s 1.8 spaced at 12" centers. The LVL beam at the Garage steps was changed to a double 1 3/4"x 14" LVL.
- The LVL beams supporting the stairway and the stairway landing to the 2<sup>nd</sup> floor of the main living space were changed to double 2x10s.
- The orientation of the stairs to the space above the Garage was modified. The stair landing at the midpoint of the stairs will be supported by 4x4 diagonal members or 2x4 stud wall with Simpson CS16 straps supporting the end closest to the overhead Garage Doors. The joists over the Garage at the stairs will be 2x10s spaced at 16" centers and double 2x10 beams.
- The header over the 2<sup>nd</sup> floor door onto the front porch balcony will be a double 2x8.

The revised items noted above meet all the requirements of the 2018 North Carolina Building Code for Residences.



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