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License # P-1716
3513 Cathedral Bell Road
Raleigh, NC 27614
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July 13, 2023

Subject: Cubillos Barn
171 Old Mill Road
Fuquay Varina, NC 27526
Footing and Framing Inspection Letter

Based on the request of the County, I inspected the footings and framing of the Barn for code compliance. My assessment is as follows:

- I inspected the footings for the exterior load bearing walls. The footings have been excavated to proper width and depth and concrete for the footings was poured. The footings have the proper density. (2000 PSF) There is an existing concrete slab on the interior for Barn. The existing concrete slab is acceptable. The footings for the exterior walls were excavated and poured adjacent to the existing concrete slab. The new concrete footings are acceptable.
- The walls of the barn are 2x6 spaced at 24" centers with ½" OSB continuously on the exterior. There is 2x6 blocking between the 2x6 studs at the midpoint. The walls are properly attached to the footings. On one side there are 6x6 treated posts on 30"x 30"x 10" concrete footings supporting the roof beams and the roof trusses for the side shelter. There are engineered roof trusses spaced at 4' centers with 2x4 purlins to support the metal roof over the enclosed barn and the side shelter. The walls and the roof construction are acceptable.

The footings and framing for the Barn meet all the requirements of the 2018 North Carolina Building Code for Residences.



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