



September 4, 2026

Mr. Mark Thomas
Thomas Pole Buildings

RE: NC Wakeboat – 143 Holly Springs Church Rd, Broadway NC 27505
Additional field verification of as-built construction

FDR Project No.: 24-067

Mr. Thomas,

As requested, I have re-visited the site on the afternoon of 08/31 to review the repair work previously instructed via my letter on August 6, in addition to the ADDITIONAL county inspector comments gathered since that time. In terms of the previously addressed items, the action items described in my previous 08/06 letter had been addressed adequately. In terms of the additional inspector items noted, as they pertain to structural items, please find the following responses/ remedial instructions:

- **Lug Footing under mezzanine:**

As previously established, the addition of the interior mezzanine was constructed without plans, and without the previous knowledge of FDR Engineers. We “reverse engineered” the as-built mezzanine for verification of the framing, however with that being said, and again, as established initially, there is no thickened slab, or other foundation considerations provided below the mezzanine bearing walls. With that said, the existing 6” concrete slab, to include WWF reinforcing was determined adequate to support the imposed load, though with the likely caveat that surface cracking will develop once the mezzanine is occupied. The owner is aware of this fact, as well as the fact that this cracking does not indicate impending structural collapse but is simply a cosmetic concern.

- **8x8 treated posts used as beams along front porch:**

It was observed that solid-sawn 8x8 posts were used as beams along the front porch as opposed to the framing as shown on the structural plans. While this is not generally recommended given the reduced capacity of lumber used in the “flat use” load-case, in this case, the short, 8’ max spans were reviewed, and the as-built framing was found to be acceptable as-installed in this specific case.

Hopefully, this last round of country inspector comments is allowing the project to get closer to completion. Please feel free to contact me directly anytime if I may help with further discussion, on this or any other matters or concerns related to the project.

Sincerely,



Heath M. Hendrick, PE
Principal