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May 5, 2021

Andy Engel
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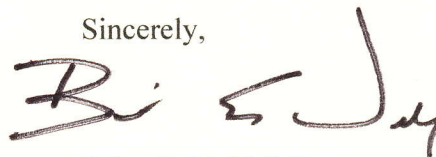
Reference: Existing barn structural inspection
7 Worcester Road in Washington, Connecticut

Dear Andy,

At your request, I conducted an inspection of the existing barn structure at the Durrett residence at 7 Worcester Road. Attached are two pages of photos showing the exterior and interior of the building. The barn is in the northwest corner of the lot and the north wall extends directly along the property line adjacent to Worcester Road. The Tax Assessor field card for the property lists the year built as 1860, which appears consistent with the field stone foundation walls and post & beam framing. There is significant settling and movement of the foundation walls, which indicate the support structure does not extend below the Building Code required minimum footing depth of 42" below finish grade. The concrete floor slab has numerous cracks and deflection due to freeze/thaw conditions. Some post and beam framing members have been replaced and the upper floor is partially supported by temporary jacking posts. From my inspection, I would rate the current barn structure as in poor condition. My recommendation is to dismantle the existing wood framing and salvage the timbers and boards that are not rotted or insect damaged. A new concrete foundation with footings and walls constructed according to Building Code standards is definitely required to provide support for a reconstructed barn.

Please give me a call if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian E. Neff". The signature is stylized with a large initial "B" and a long, sweeping underline.

Brian E. Neff, P.E.

BARN PHOTOS MAY 5, 2021
#7 WORCESTER ROAD WASHINGTON, CONNECTICUT



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