

November 9, 2021

Lisa M. Bragg  
Town of Strafford  
PO Box 27  
Strafford, VT 05072  
[selectboard@straffordvt.org](mailto:selectboard@straffordvt.org)

Reference: Structural Inspection of Strafford Town office Roof Damage  
227 Justin Morrill Highway, Strafford, Vermont

Dear Lisa,

As requested, on September 29, 2021, I met with you and Jeffery Solsaa at the above referenced site to complete a structural review of damage caused by a recent telephone pole failure at the northwest corner of the building. Reportedly, a telephone pole failed and landed on the roof of the upstairs access stair. Although the roof of the stair received extensive damage, at the time of the site visit, I verbally indicated that continued use of the stair was acceptable.

The damage to the stair and stair roof structure was isolated to the northwest corner of the structure (see photographs #1 thru #4). The pole damaged approximately 16 square feet of roofing, the roof sheathing in the corner of the building and the adjacent siding. In addition, the pole damaged one rafter and two supporting posts. As a result of the damage, we recommend that the repairs shown in the attached sketch SSK-1 be made to the building.

The recommended repairs include:

- Installation of three new 4x4 posts from foundation to roof structure
- Installation of new rafters
- Replace the existing T&G siding with new siding to match existing (we understand that future renovations are planned in this area. If desired a temporary sheathing such as T1-11 or a rail system could be installed in lieu of the T&G siding.)
- Replace existing T&G roofing with new T&G roofing (we understand that future renovations are planned in this area. If desired a less expensive sheathing such as 5/8" plywood could be installed in lieu of the T&G roofing.
- Repair the existing roofing.
- Replace any rotten framing discovered during installation of the new work in kind.
- Paint and finish the materials.

With the repairs recommended in SSK-1, it is my opinion that the damage caused by the pole collapse will be corrected. If you have any questions concerning this report, please call or write.

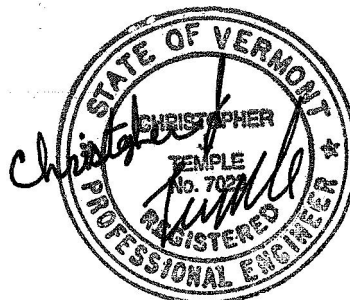
Sincerely,



Christopher J. Temple, P.E.

Enclosures:

Cc: Jeffery Solsaa via email



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Photograph #1 – Roof damage



Photograph #2 – Broken rafter and damaged sheathing



Photograph #3 – Roof sheathing damage





Photograph #4 – Siding damage, post damage, and roof damage