

Michael E. Miele, PE

Licensed Professional Engineer

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July 10, 2025

Town of Washington Building Department

The Office of the Building Inspector

10 Reservoir Drive

Millbrook, NY 12545

Re: 174 Jameson Hill Road – 174 Jameson Hill Road, Clinton Corners, NY 12514
Solar Panel Loading Certification
Town of Washington, County of Dutchess, State of New York

Dear Building Department

I am the engineer of record for the above referenced project. I have prepared the attached plans dated May 8, 2025 that consist of the installation of (189) SEG-430-BTD-BG (430W) solar panels at the above referenced location.

I can hereby certify that the existing roof structure combined with the additional weight of the solar panels meets the requirements of The 2020 Building Code of New York State, Publication Date, November 2019.

The design loads were as follows,

Roof Design Load: 35psf live load

Wind Design Load: 115mph

No additional structural members were required.

The roof is currently framed with 2x10 true dimensional wood framing @ 16" O.C. w/ 2x8 collar ties @ 16" O.C. The roof structural members are in compliance with ASCE 7-16 for deflection and acceptable bending stress.

If you have any questions, please feel free to call me at any time. Thanks in advance.

Sincerely Yours,



Michael E. Miele, PE

