

3.4 Photovoltaic (PV) Systems

- Letter of compliance required from professional engineer indicating that connections and installation of the PV system meet the design intent, and that system has been appropriately designed for the following:
 - Roof-mounted PV systems shall be designed for component and cladding wind loads for the site in accordance with ASCE 7 using an effective area based on the dimensions of a single unit frame.
 - The roof deck and supporting structure must be designed to support all gravity and wind loads resulting from the PV system installation.
- All roof penetrations must be sealed and flashed in accordance with the PV system and roof covering manufacturer's requirements.

For **FORTIFIED Hail Supplement** requirements, refer to [section 7.5](#).