Mounting systems for
solar technology

Everest Dome R² System Permitting Guide

Design and Permitting Checklist:

Prior to design determine your jurisdiction's requirements for ballasted systems.
Typically, requirements can be found on the website of the AHJ for your install.

Check all that apply:

- ☐ Gravity and lateral building structural analysis for additional weight from PV system
- ☐ Seismic displacement analysis per SEAOC PV-1
- ☐ Wind load design criteria per SEAOC PV-2
- ☐ UL2703 fire certification
- ☐ UL2703 bonding certification
- ☐ Other
  Please explain: _____

Design: Ensure that your design meets jurisdictional and building code requirements.

- ☐ Design system layout and ballast requirements using Everest BaseOn.
  https://base.everest-solarsystems.com
- ☐ Array setbacks comply with jurisdictional and site requirements
- ☐ Fire Aisle(s) are designed (if required)
- ☐ Module approved by manufacturer for short side corner clamping at installation loads.
  Refer to module manufacture installation guide.
- ☐ Module frame has been tested for bonding compatibility with Everest product (if required).
  List of tested modules can be found on the Dome R² installation manual, as well as the UL website.

Inspection:

- ☐ System is grounded per AHJ requirements
- ☐ End clamps are torqued to 10.3 ft-lb
- ☐ Bonding mid clamps are torqued to 12 ft-lb
- ☐ Dome corner struts are torqued to 12 ft-lb
- ☐ ILSCO Lugs are torqued to 35 in-lb