



302 N. Main Street • Culpeper, VA 22701
DEPARTMENT OF DEVELOPMENT
Building Department
(540) 727-3405 • Fax: (540) 727-3461

March 13, 2023

Subject: Roof Mounted PV Solar Installations
Re: Required Installation Photographs

Dear solar installers,

As the solar industry rapidly moves forward and installations increase in our locality, we find it necessary to adjust our inspection processes. Effective immediately, specific photographs will be required at the time of inspection (see attached list) to include equipment and installation.

This is an effort to streamline the inspection process while ensuring a proper installation.

Thank you in advance for your cooperation.

Robert P. Orr, CBO
Building Official
Culpeper County

ROOF MOUNTED PV SOLAR SYSTEM INSTALLATION PHOTOGRAPH REQUIREMENTS

1. Racking System Model Number
2. Racking System Manufacturer
3. The module and racking system shall be installed per the racking manufacturer's installation instructions regarding grounding and bonding, fire, and load ratings.
4. Attachment points of the mounting system are staggered.
5. Maximum spacing in inches between adjacent attachment points of the mounting system
6. Roof penetration sealant method has been installed per the manufacturer's instructions.
7. The distance from the module back sheet to the roof surface does not exceed.
8. Quantity and spacing of structural attachments match the installation instructions per manufacturer.
9. Array conductors are secured and supported. Installed so as not to damage the cable, at intervals not exceeding 1.4 m (4.5 ft) and within 300 mm (12 in.) of every cable entry into enclosures such as outlet boxes, junction boxes, cabinets, or fittings.
10. PV Module model number
11. PV Module manufacturer
12. PV Module quantity
13. DC-DC converter Manufacturer
14. DC-DC converter Model Number
15. All PV Source Circuit conductors installed without raceway are listed as PV Wire or USE-2.