



COMMONWEALTH OF VIRGINIA
COUNTY OF HENRICO

GREGORY H. REVELS, CBO
Building Official

H. BOLMAN BOWLES, P.E.
Deputy Building Official

SPECIAL NOTICE

TO: Interested Parties

SUBJECT: Residential Solar Panel Permits & Inspections

DATE: April 28, 2021

The installation of solar panels on single family dwellings is covered by the inspections performed under the electrical permit. A Building Permit is **not** required by Henrico County for the installation of this equipment. An accurate single-line schematic diagram of the installed system shall be provided on site for use by the electrical inspector at the time of inspection. Detailed plans or equipment specifications are **not** required to be submitted with the electrical permit application. Color photographs, printed on 8-1/2" x 11" paper, shall be provided to the inspector at the final inspection that clearly show the following:

- Roof top junction boxes, including any connections and conductors in the roof top junction boxes. At least one photo shall be zoomed out sufficiently to show the roofing type and color, and roof top junction boxes,
- All conductors run on the roof for bonding or grounding of the panels and system,
- All conduits and cables run on the roof and their required supports,
- Any penetrations of the roof by conduits and cables that are run through attics or spaces that are not readily accessible for inspection. Photos of conduits and cables shall include the supports installed for the conduits and cables.

A representative of the Solar contractor is not required to be on site for the inspection. A responsible adult is required to be on site if the inspection of the panelboards requires access to the interior of the structure.

Please be reminded that the information provided to the inspector has not been reviewed prior to installation and is subject to the approval of the inspector. Failure to provide diagrams and photographs that accurately depict the installation may result in failed inspections.

Commercial solar installations will continue to require both building and electrical permit applications with of submission of detailed plans, specifications, and structural evaluations.

Please contact Senior Plan Review Engineer Bob Allen, or Electrical Inspection Supervisor Larry Redford at 804/501-4360 if there are any questions regarding the above requirements.

Bob Allen
Senior Plan Review Engineer

Larry Redford
Electrical Inspection Supervisor