



Community Development Virtual Inspection Checklist

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Solar Photovoltaic Systems

An email will be sent with instruction for video call based on the information provided. Any additional pictures or videos should be emailed to thomas@cville.org. Once the inspection is completed, a report will be emailed to the applicant. Please review the information below before the inspection.

Items needed

- Phone or tablet
- Screwdriver
- Ladder
- Flashlight

Before you begin

- Have the approved plans with you.
- Turn off notifications on device.
- Connect to wifi if possible.

Items of focus during inspection

Exterior:

- Working clearance for equipment
- Placement of arrays on roof
- Height of panels from roof

Interior:

- Check for exposed lag bolts in attic
- Raceway runs in attic
- Warning stickers on raceways/boxes
- Proper grounding of existing electric system

Electric:

- Verify raceway and wire sizes with approved plans
- Check ground bonding
- UL listed tap devices
- All connections are secure

Flow of virtual inspections

- Inspections should begin at the exterior of the property with the address clearly visible.
- A walk around of the home will be done so that roof is visible with array locations.
- Close up of inverter, rapid disconnect, and meter cabinet will be required. Close up, clear pictures may be required of the interior of certain cabinets.
- Ground rod number and locations will be shown.
- Verify working clearance of all new equipment.
- Interior points of focus will be the attic (if accessible) and existing circuit panel and grounding bond points. Photos of these locations either at time of installation or inspection will suffice.

Additional photos that may need to be submitted

- Inside of electric junction boxes
- Circuit panel wiring
- Underside of roof sheathing at array locations.
- Warning labels on all requires locations, including raceways and junction boxes in attic.