



# Residential Solar PV

## Virtual Inspection by Affidavit Checklist

Contractor \_\_\_\_\_

Permit Number \_\_\_\_\_

Address \_\_\_\_\_

Required Images\* and Sequence - Please photograph/upload the following items in the order listed:

- ☐ Front elevation of home including address
- ☐ Documents including: PV quantity, location, mounting system and structural connections according to the approved plans, uploaded to the Accela record.
- ☐ Roof penetrations flashed/sealed according to the approved plan.
- ☐ Array exposed cables are properly secured, supported, and routed to prevent physical damage.
- ☐ Conduit installation: DC in raceway, rain tight fittings, hubs, labeling...
- ☐ Grounding/bonding of rack and modules according to the manufacturer's installation instructions.
- ☐ Equipment installed, listed, and labeled according to the approved plan (e.g., PV modules, dc/dc converters, combiners, inverters, rapid shutdown equipment).
- ☐ Conductors, cables, and conduit types, sizes, and markings according to the approved plan.
- ☐ Overcurrent devices are the type and size according to the approved plan.
- ☐ Disconnects according to the approved plan and properly located and bonded as required
- ☐ Inverter output circuit breaker is located at opposite end of bus from utility supply at load center and/or service panelboard.
- ☐ PV system labels, markings, and signs according to the approved plan.
- ☐ Connection of the PV system to the grounding electrode system according to the approved plan.
- ☐ Access and working space for operation and maintenance of PV equipment such as inverters, disconnecting means and panelboards
- ☐ The rapid shutdown system is installed and operational according to the approved plan

\* You can combine multiple items on the above list into one photograph.

Signature \_\_\_\_\_

Date \_\_\_\_\_