Hillsborough County Florida
Development Services

Virtual Inspection Checklist
Residential Solar Photovoltaic

Contractor _____

Permit Number _____

Address _____

Technicians Name _____

Technicians Phone _____

Virtual Inspection supporting documents need to be named appropriately and presented as a single, combined, multi-page PDF file, or combined into one ZIP file, with an image resolution of no less than 300 dpi. The following sequence of inspection photos should be used for submission:

- ☐ Equipment grounding conductor sizing
- ☐ Grounding electrode system and grounding electrode conductor
- ☐ Documents including PV quantity, location, mounting system and structural connections according to the approved plans, uploaded to the HillsGovHub record.
- ☐ Front elevation of home including address.
- ☐ Overall photo of equipment as mounted and interconnected.
- ☐ 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.
- ☐ The inverter output circuit breaker is located at the 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.

Signature_____ **Date** _____