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PLAN REVIEW SUBMITTAL REQUIREMENTS Solar Photovoltaic Systems

- 1) Provide permit application completely filled out.
- 2) Provide two copies of all documents.
- 3) Provide a site plan that locates all equipment on the drawing.
- 4) Specify if the system is stand alone or an interactive system.
- 5) Roof mounted systems must be on permanent standoffs and provide the following:
 - a) Type of roof structure
 - b) Method of locating roof framing members
- 6) Provide mounting details.
- 7) All permanent standoffs shall be mounted to structural members and flashed to accommodate re-roofing without removal of standoffs.

Wiring Requirements:

Provide a three line diagram that includes the following:

- Conductor size
- Conductor insulation types
- Conductor Material, i.e., copper, aluminum
- Main overcurrent device ratings
- Existing and new panel busbar amperage ratings
- Series and parallel configuration of the module connections

Provide a schematic drawing with the following:

- The location of all modules, inverters, disconnects and service equipment
- The location of all batteries
- The location and connection of all grounding electrode conductors
- The clearances around all equipment
- Conduit or cable type and size

Provide all applicable warning and marking labels for AC and DC disconnects

Provide all associated documentation/cut sheets, and installation instructions on equipment, i.e., inverters, disconnects, modules, charge controllers, over current devices, etc.

Built on What Matters.