Minimum Requirements for Residential Solar

- **Size of plans**  11 X 17

- **Two sets of plans are required.**

- **Plot Plan** showing the location of the PV modules, route of conduit/ conductors, the equipment (inverter, batteries, etc.) and the electrical service interface.

- **Single-Line Diagram** (A/C Disconnect required)

- **Attachment details** of the PV modules to the support rack and the rack to roof structure.

- **Grounding detail** for the connection to the PV modules and bonding of the AC system.

- **Calculations** for the added load to the roof  **if it is over 6.5 lbs per s.f. submit roof load calculations**.

- **Manufactures Specifications** for PV modules, inverter, batteries, conductors, disconnects and over-current devices.

- **Justification** for all conductor and over-current device sizing.

- **Signage locations** for permanent plaque per California Electrical Code.

- **Roof Plan** showing 3’ setbacks per California Fire Code.

- **Fire final inspection required prior to Building final**