

## Photovoltaic Systems (solar Panels)

- *Number of plan sets normally required- 3 sets.*

**NOTE: 2 sets to be wet-stamped/signed by architect, designer or plan preparer (those pages where his/her work appears).**

- *Plans normally required -*

- Provide the location, type and number of batteries to be used. Show all ventilation requirements and how the batteries will be secured to prevent movement.
- Elevations: Show that the roof-mounted equipment will not exceed a height of one (1) foot above the surface of the roof or above the peak of the roof. No equipment should overhang the roof eaves.
- Roof Structure: Show rafter size, length, type of wood, spacing of rafters, type of roof sheathing, size of roof sheathing and size of roof areas to receive the cells, roof pitch, and type of roof covering.

**NOTE: The information under Roof Structure can be substituted by submitting roof calculations prepared by a licensed engineer that states the existing roof will be able to support the proposed cells and any other hardware involved in the installation.**

- *Supplemental Information Required -*

- Electrical Plan: Provide a single-line diagram showing all system components, wire sizes, wire type, panel boards, conduits, conductors, circuits, mechanical fasteners and disconnects.
- Provide equipment lists and cut-sheets showing all U.L. listings Show sizes of all overcurrent protection and locations.
- Show all grounding and bonding of system.
- Show a permanent sign at the service entrance equipment and the grounding electrode conductor indicating type and location of onsite emergency power sources.

- *Issuance of Permit-*

The Town of Woodside will only issue this type of permit to a licensed electrical contractor. The electrical contractor will need to provide his or her valid contractors card and also needs to have a valid business license with the Town of Woodside.

- *Fees- All fees are to be collected at time of submittal*

- Based upon valuation (cost of disconnects, panel boards, conduits, conductors, circuits, mechanical fasteners and conventional labor of installation) of the installation of the cells, batteries, and inverters, **not to include the valuation (actual cost) of the photovoltaic cells, batteries or inverters.**