



PHOTOVOLTAIC INSTALLATIONS



FIELD INSPECTIONS: BUILDING INSPECTION REQUEST PROCEDURES

Call the automated inspection hotline at (209) 937-8560. The phone number is also on the jobsite inspection envelope issued with the building permit.

1. **Code Compliance** – All work shall comply with the 2013 editions of the California Building, Electrical, Mechanical, Plumbing, Fire Codes, and current Stockton Municipal Code.
2. **Drain Waste Vent System** – Modifications of any drain waste vent piping systems or ventilation penetrations will require inspections, approvals, and shall comply with the requirements of the 2013 editions of the California Building, Plumbing, and Mechanical Codes.
3. **Fire Department Roof Mount Disconnect Requirements** – A disconnect is required by the City of Stockton Fire Department at all panel arrays and roof penetrations that will disconnect all photovoltaic source circuits. If there is more than one array on roof, a disconnect is required at each array and roof penetration. Other options may be considered only after review by the Fire Department. Additional signage is required at the electrical main service indicating a disconnect is located at the panel array(s). Questions concerning disconnects may be addressed to Captain Mike Simon, Deputy Fire Marshal for the Stockton Fire Department, at (209) 937-8271.
4. **Beneath Roofs** – Photovoltaic array source circuit metallic conduit raceways are not permitted to be located within 10-inches of roof decking and ceiling joists, except below photovoltaic array modules.
5. **Bedroom Egress Window Requirements** – WARNING! PHOTOVOLTAIC MODULES CANNOT BE PLACED ON ROOFS THAT BLOCK SECOND FLOOR BEDROOM EMERGENCY EGRESS WINDOWS PATH OF TRAVEL. A PATH OF TRAVEL SIX (6) FEET WIDE CLEAR OF ANY OBSTRUCTION TO THE EDGE OF THE ROOF IS REQUIRED. NO EXCEPTIONS. Every bedroom shall have at least one window for emergency egress. Photovoltaic modules shall not be located on any roof area that will impede any rescue efforts by emergency responders.
6. **Exposed Cables on Roof** – All exposed wires/cables shall be in an approved conduit outside the perimeter of the branch/array and prior to entering the building.
7. **Rough-In Inspection** – Contact the Stockton Building Division for inspection of all attic, wall cavity, and under floor rough wiring installations prior to drywall, flooring, or exterior wall coverings are applied.
8. **Roof Smoke Venting Requirements** – See attached diagrams for approved photovoltaic panel installation locations. Other location designs may be approved prior to installation of photovoltaic panels by Stockton Fire Prevention Department.
9. **Subject to Field Approval** – Please note that all office photovoltaic plan check approvals are subject to field inspection approvals.

Diagram 1: Cross Gable Roof

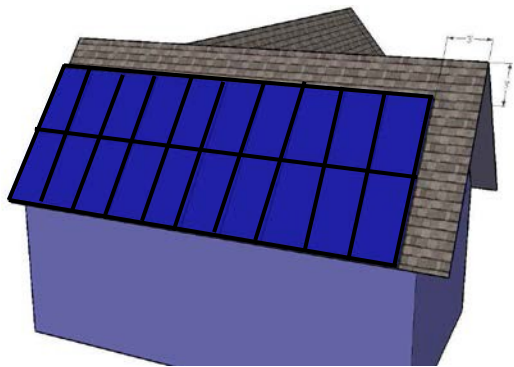


Diagram 2: Cross Gable with Valley

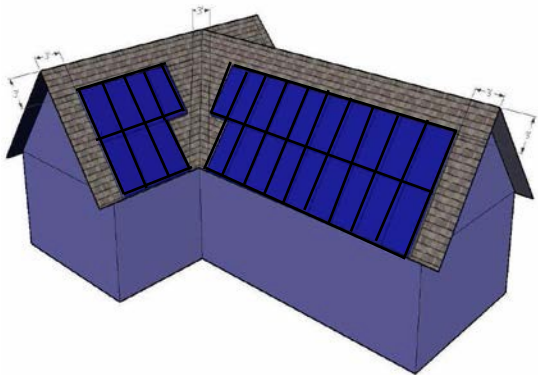


Diagram 3: Full Gable

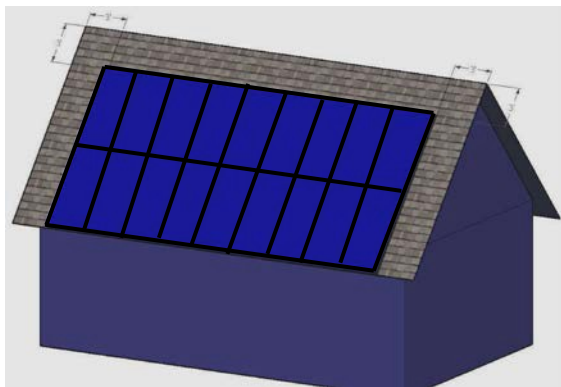
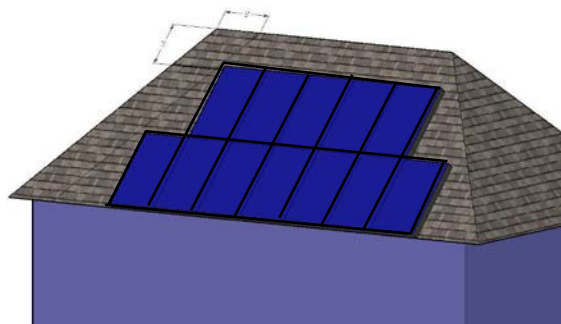


Diagram 4: Full Hip Roof



SIGNAGE REQUIREMENTS

On Roof:

**PHOTOVOLTAIC
ARRAY
DISCONNECT**

On Outside of Main Service Panel:

**WARNING!
SOLAR
DISCONNECT
LOCATED
ON ROOF AT
ARRAY**

**PHOTOVOLTAIC
SYSTEM
INVERTER
LOCATED IN
GARAGE**

MARKING CONTENT AND FORMAT

- RED BACKGROUND
- WHITE LETTERING
- MINIMUM 3/8" LETTER HEIGHT
- ALL CAPITAL LETTERS
- ARIAL FONT
- REFLECTIVE, WEATHER RESISTANT MATERIAL
SUITABLE FOR THE ENVIRONMENT (durable
adhesive materials may meet this requirement)