



# CITY OF PERRIS

DEVELOPMENT SERVICES DEPARTMENT  
BUILDING AND SAFETY DIVISION  
135 N. "D" Street, Perris, CA 92570-2200  
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## ***Submittal Requirements – Photovoltaic System Ground or Roof Mounted 2016 Codes***

### ***Residential or Commercial:***

#### **Submittal:**

1. Three sets of Construction plans
2. Cover Sheet/ Site Plan/Plot Plan :
  - a) List of reference codes(California Codes)
  - b) Provide full dimensioned site plan. Show lot size, street, alley, easements, parking spaces, location, size, and use of all structures on the lot, and property line. Identify property lines, lot dimensions, and distance to property line.
  - c) Contractor shall verify... statement (see attached sample cover sheet)
  - d) Lag screws shall penetrate a minimum 2" into structural members statement
3. Roof plan or ground mount plan with panel location.
4. Panel anchorage/attachment details.
  - a) A mounting detail from the manufacturer such as Unirac or Tilerac is required.
  - b) If ground mounted; footing and structural details are required.
5. Electrical one line diagram.
  - a) Show panels, inverter, main panel disconnects and wire size.
6. Equipment cut sheets (inverter and photovoltaic panels).
  - a) Inverter and panel must be a listed product.
  - b) Indicate panels listed product weight.
7. Address on first page and number all pages.
8. Responsible designer to sign all plans that they prepared.
9. All ground mounted Photovoltaic Systems must be protected and surrounded by a 5 foot high fence.

#### **Fees**

- All fee will be figured at the time of issuance of permit.

(Updated 1/1/17)

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# **Photovoltaic Cover Sheet**

**Project Address:** \_\_\_\_\_

## **Notice to Homeowners**

Your homeowners' association may have potential limitations applicable to your project.

## **Reference Codes:**

California Code of Regulations, Title 24  
As amended by the City of Perris, CA  
2016 California Residential Code  
2016 California Building Code  
2016 California Electrical Code  
2016 California Energy Code  
2016 California Fire Code  
2016 California Mechanical Code  
2016 California Plumbing Code

## **REQUIRED SIGNAGE**

### **Warning**

**2016 CA Electrical Code, Article 690-10(c)**  
SINGLE 120-VOLT SUPPLY. DO NOT CONNECT  
MULTIWIRE BRANCH CIRCUITS.

### **Warning**

**2016 CA Electrical Code, Article 690-17**  
ELECTRIC SHOCK HAZARD.  
DO NOT TOUCH TERMINALS. TERMINALS ON  
BOTH THE LINE AND THE LOAD SIDE MAY BE  
ENERGIZED IN THE OPEN POSITION

(Permanent sign or painted stencil near the inverter)

### **WARNING**

**2016 CEC, ARTICLE 690.5 A**  
ELECTRIC SHOCK HAZARD IF A GROUND FAULT  
IS INDICATED, NORMALLY GROUNDED  
CONDUCTORS MAY BE UNGROUNDED AND  
ENERGIZED

### **WARNING**

**2016 CEC ARTICLE 690.7 E**  
BIPOLAR PHOTOVOLTAIC ARRAY  
DISCONNECTION OF NEUTRAL OR GROUNDED  
CONDUCTORS MAY RESULT IN OVERVOLTAGE  
ON ARRAY OR INVERTER

Contractor shall verify that the roof  
Structure site will withstand the additional  
dead and live loads.

Lag Screws shall penetrate a minimum 2" into  
solid sawn structural members and shall not  
exceed manufactures recommendations for  
fasteners into engineered structural members.