



Planning & Building Agency  
 Building Safety Division  
 20 Civic Center Plaza  
 P.O. Box 1988 (M-19)  
 Santa Ana, CA 92702  
 (714) 647-5800  
 www.santa-an.org

# RESIDENTIAL PHOTOVOLTAIC CHECKLIST

SOL-01 CBC 2019

## Solar Photovoltaic (PV) Checklist for Detached SINGLE FAMILY RESIDENCES Only

**Instructions:** The licensed contractor of record shall complete all sections, answer the ten questions and sign the certification section below. A copy of this form shall be attached to each of TWO sets of plans, of minimum 11" x 17" size. **If answering NO to any of the questions, plan check shall be required.**

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

**Contractor Company Name:** \_\_\_\_\_

**Contractor License Number:** \_\_\_\_\_

- |     | YES                      | NO                       | Are the following applicable to the proposed project?   |
|-----|--------------------------|--------------------------|---|
| 1.  | <input type="checkbox"/> | <input type="checkbox"/> | Will the PV system layout provide the required three-foot wide clear access pathways per Section 605.11 of the California Fire Code, and is this shown on the roof plan?  |
| 2.  | <input type="checkbox"/> | <input type="checkbox"/> | Will the PV system be installed on a roof having only one roofing layer with no overlays?   |
| 3.  | <input type="checkbox"/> | <input type="checkbox"/> | Will the PV array be flush mounted to the existing roof so that the plane of the modules (panels) are parallel to the plane of the roof?  |
| 4.  | <input type="checkbox"/> | <input type="checkbox"/> | Will the PV system weigh maximum 4 pounds per square feet or less?  |
| 5.  | <input type="checkbox"/> | <input type="checkbox"/> | Will the PV system be installed where the modules do not overhang any roof edges (such as eaves, gabled ends, ridges and hips)?   |
| 6.  | <input type="checkbox"/> | <input type="checkbox"/> | Will the PV system be installed with a space of 2" minimum to 10" maximum between the underside of modules and the surface of the roof?   |
| 7.  | <input type="checkbox"/> | <input type="checkbox"/> | Will the PV system be installed without using any ballast system or counter-weight system?  |
| 8.  | <input type="checkbox"/> | <input type="checkbox"/> | Will the anchors be installed with a maximum horizontal anchor spacing of 6 feet and is this maximum horizontal spacing shown on the plans?   |
| 9.  | <input type="checkbox"/> | <input type="checkbox"/> | Will the minimum 5/16" lag screws be installed with a minimum of 2-1/2 inch embedment into roof rafters (with pre-drilled holes) and is this minimum embedment shown on the plans?  |
| 10. | <input type="checkbox"/> | <input type="checkbox"/> | Are ALL the structural pages of the plans stamped and signed by a California licensed professional engineer? (including project specific site plan, PV layout, anchorage spacing, anchorage details and manufacturer's PV support information.) |

**I certify under penalty of perjury under the laws of the State of California that the above is true:**

Print Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Date: \_\_\_\_\_

Email Address: \_\_\_\_\_