

For information regarding the one inspection requirement refer to this web site
<http://www.costamesaca.gov/modules/showdocument.aspx?documentid=19252>

THE FOLLOWING NOTES SHALL BE PRINTED ON THE PLAN

Roof Visual Structural Review of Existing Conditions.

The Site auditor shall verify the following:

1. No visually apparent disallowed rafter holes, notches and truss modifications.
Rafters that fail this criteria should not be used to support solar arrays unless they are first strengthened
2. **No visually apparent structural decay or un-repaired fire damage**
3. **Roof sag, measured in inches, is not more than the rafter or ridge beam length in feet divided by 20.**
Rafters that fall the above criteria should not be used to support solar arrays unless they are first strengthened
- **SMOKE DETECTORS SHALL BE INSTALLED:**
 - a- Centrally located in corridor (or area) leading to sleeping areas, and inside each sleeping room.
 - b On ceiling of upper level in close proximity to the stairway when sleeping areas are on an upper level,
 - c On each floor level and in basement.
 - d In the adjacent room (or area) where the ceiling height exceeds that of the hallway by 24" or more,
 - e Battery operated smoke detector permitted in existing construction.

CARBON MONOXIDE SHALL BE INSTALLED:

- a. Outside of each separate dwelling unit sleeping area in the immediate vicinity of the bedroom(s).
- b. On every level of a dwelling unit including basements.
- c. Battery operated carbon monoxide detector permitted in existing construction.
- d. Where a fuel-burning appliance is located within a bedroom or its attached bathroom, a carbon monoxide alarm shall be installed within the bedroom.

- **PROVIDE ARC FAULT PROTECTION**
- **CONDUIT(S) SHALL BE PAINTED TO MATCH SURFACE AND SHALL BE INSTALLED MORE THAN ½"(INCHES) ABOVE ROOF SURFACE**
- **ALL EQUIPMENT TO BE LISTED FOR THE PURPOSE.**
- **Provide SOLAR PANEL COPPER LAY-IN GROUNDING LUG, TIN PLATED, 14-4, STAINLESS STEEL SCREW, SUITABLE FOR DIRECT BURIAL.**
- **Module shall cantilever a max of 18 inches beyond the standoff or provide structural analysis prepared by a licensed California Engineer or Architect.**
- **Standoff shall not be allowed to be installed over the eave areas without a structural analysis prepared by a licensed California Engineer or Architect.**
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