



City of Foster City
Community Development Department, Building Division
610 Foster City Blvd., Foster City, CA 94404

**Solar Pool Water Heating General Requirements for
One- and Two-Family Dwellings**

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|---|----------------------------|----------------------------|
| A. System size is 30 kWth (462 square feet) or less | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. The solar array is roof-mounted on a one- or two-family dwelling or accessory structure | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| C. The solar collectors will not exceed the maximum legal building height | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| D. Solar pool water heating (SPH) system is certified by an accredited listing agency to ANSI S1001.4-2015 or SRCC OG-300 | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| E. A system schematic is included | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| F. A list of all major components that match the system schematic is included | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| G. Documentation shows that the heat transfer fluid is either water or non-toxic fluid | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| H. A permit application is completed and attached | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| I. A CF2R-PLMB-04-E is completed, signed and attached | <input type="checkbox"/> Y | <input type="checkbox"/> N |

ENERGY, ELECTRICAL, MECHANICAL, AND PLUMBING REQUIREMENTS

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| A. Extreme temperature protection is provided | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. A standard, isometric single-line diagram is provided which includes details that show the components of the solar collectors that interface with the existing/new plumbing | <input type="checkbox"/> Y | <input type="checkbox"/> N |

STRUCTURAL REQUIREMENTS

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| A. A completed Structural Criteria and supporting documentation is attached | <input type="checkbox"/> Y | <input type="checkbox"/> N |
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FIRE SAFETY REQUIREMENTS

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| A. Clear access pathways are provided | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. Fire classification solar system is provided | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| C. All required markings and labels are provided | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| D. A diagram of the roof layout showing all collectors, roof-mounted system components, clear access pathways, and the location of all system components is attached | <input type="checkbox"/> Y | <input type="checkbox"/> N |

*To qualify for an expedited solar permit you must be able to answer YES to every question on this checklist AND your plans must substantiate each YES answer. If any answers are marked NO then there are two options:
Option 1: Revise the plans so that you are able to answer YES to every question on the Checklist; or

Option 2: Your plans will not qualify for an expedited solar permit and you must submit your application and plans at the City of Foster City Building Inspection Division front counter during normal business hours using the standard permit application submittal process.