



# City of Foster City

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

## Solar Domestic 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  Y  N
- B. The solar array is roof-mounted on a one- or two-family dwelling or accessory structure  Y  N
- C. The solar collectors will not exceed the maximum legal building height  Y  N
- D. Solar domestic water heating (SDWH) system is certified by an accredited listing agency to ANSI S1001.4-2015 or SRCC OG-300  Y  N
- E. A system schematic is included  Y  N
- F. A list of all major components that match the system schematic is included  Y  N
- G. Documentation shows that the heat transfer fluid is either water or non-toxic fluid  Y  N
- H. A permit application is completed and attached  Y  N
- I. A CF2R-PLMB-04-E is completed, signed and attached  Y  N

### ENERGY, ELECTRICAL, MECHANICAL, AND PLUMBING REQUIREMENTS

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- A. Extreme temperature protection is provided  Y  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  Y  N

### STRUCTURAL REQUIREMENTS

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- A. Completed Structural Criteria and supporting documentation is attached  Y  N

### FIRE SAFETY REQUIREMENTS

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- A. Clear access pathways are provided  Y  N
- B. Fire classification solar system is provided  Y  N
- C. All required markings and labels are provided  Y  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  Y  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.