



Solar Domestic Water Heating Standard Plan for One- and Two-Family Dwellings

SCOPE: Use this plan ONLY for solar domestic water heating (SDWH) systems not exceeding a thermal output rating of 30kWth on the roof of a one- or two-family dwelling or accessory structure used for domestic water heating. Systems must be in compliance with current California Building Standards Codes and local amendments of the authority having jurisdiction (AHJ). Other Articles of the California Mechanical Code (CMC), Electrical Code (CEC), California Plumbing Code (CPC), and California Building Code (CBC), or other California health and safety Codes shall apply.

MANUFACTURER'S SPECIFICATION SHEETS MUST BE PROVIDED for the proposed collectors, controller, pumps, storage tanks/heat exchanger, heat transfer fluid details, and mounting systems. Installation instructions for all equipment shall be provided at time of inspection. Listed and labeled equipment shall be installed and used in accordance with any instructions included in the listing or labeling. Equipment intended for use with a DHWS shall be identified and listed for the application.

Job Address: _____ Permit #: _____
Contractor/ Engineer Name: _____ License # and Class: _____
Signature: _____ Date: _____ Phone Number: _____
Total # of Inverters installed: _____ email: _____

Major Components (for SDWH systems)

Solar Tank Make/Model _____ Gallons _____ Insulation R- _____

Is The System Pressurized? Yes No

Heat Exchanger Make/Model _____ Number of Walls _____ Heat Exchange Fluid

Solar Control Make/Model _____

Solar Pump/Circulator Make/Model

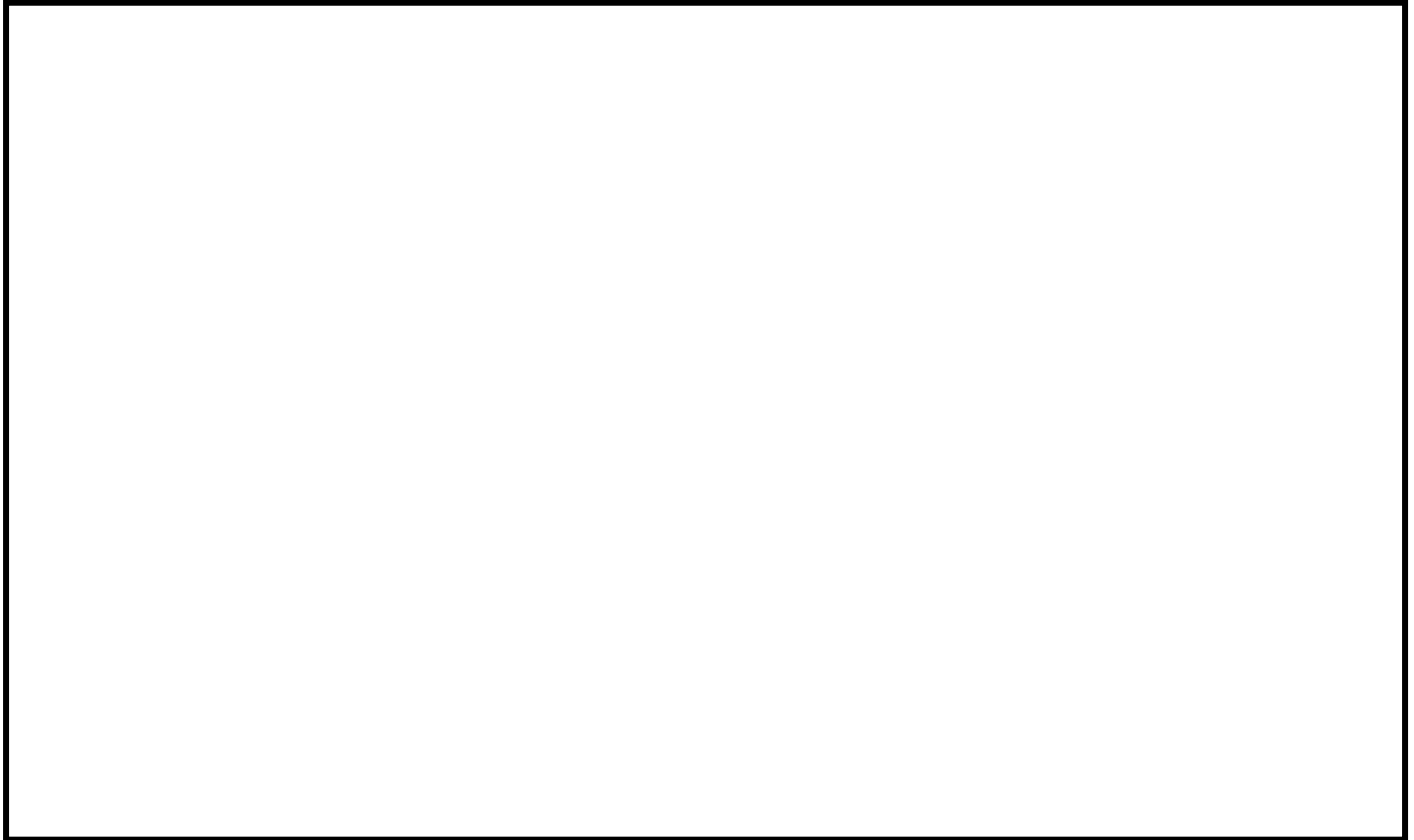
Expansion Tank Make/Model _____ Is the Expansion Tank Appropriately
Sized for Use? Yes No

Mounting Hardware Make/Model or Type _____

Does All data, Listed Above, Substantially Match Those Data Used For Certification? Yes No

SDWH STANDARD PLAN

Roof Layout Diagram for One- and Two-Family Dwellings



Items required: roof layout of all collectors, components, 3' wide clear access pathways at hips, ridges, and valleys, and show roof access points.