



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

SCOPE: Use this plan ONLY for solar pool heating (SPH) systems not exceeding a thermal output rating of 30kWth on the roof of a one- or two-family dwelling or accessory structure used for residential solar pool 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, diverting valve, 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 shall be identified and listed for the application.

Job Address: \_\_\_\_\_ Permit #: \_\_\_\_\_

Contractor/ Engineer Name: \_\_\_\_\_ License # and Class: \_\_\_\_\_

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

Total # of Collectors Installed \_\_\_\_\_

Total Collector Area \_\_\_\_\_

Collector Certification Number (include certifying agency) \_\_\_\_\_

Collector Material \_\_\_\_\_

Max Height Above Roof \_\_\_\_\_ Height Above Ground \_\_\_\_\_

### Major Components (for SPH systems)

Solar Controller Make/Model \_\_\_\_\_

Solar Pump/Circulator Make/Model \_\_\_\_\_

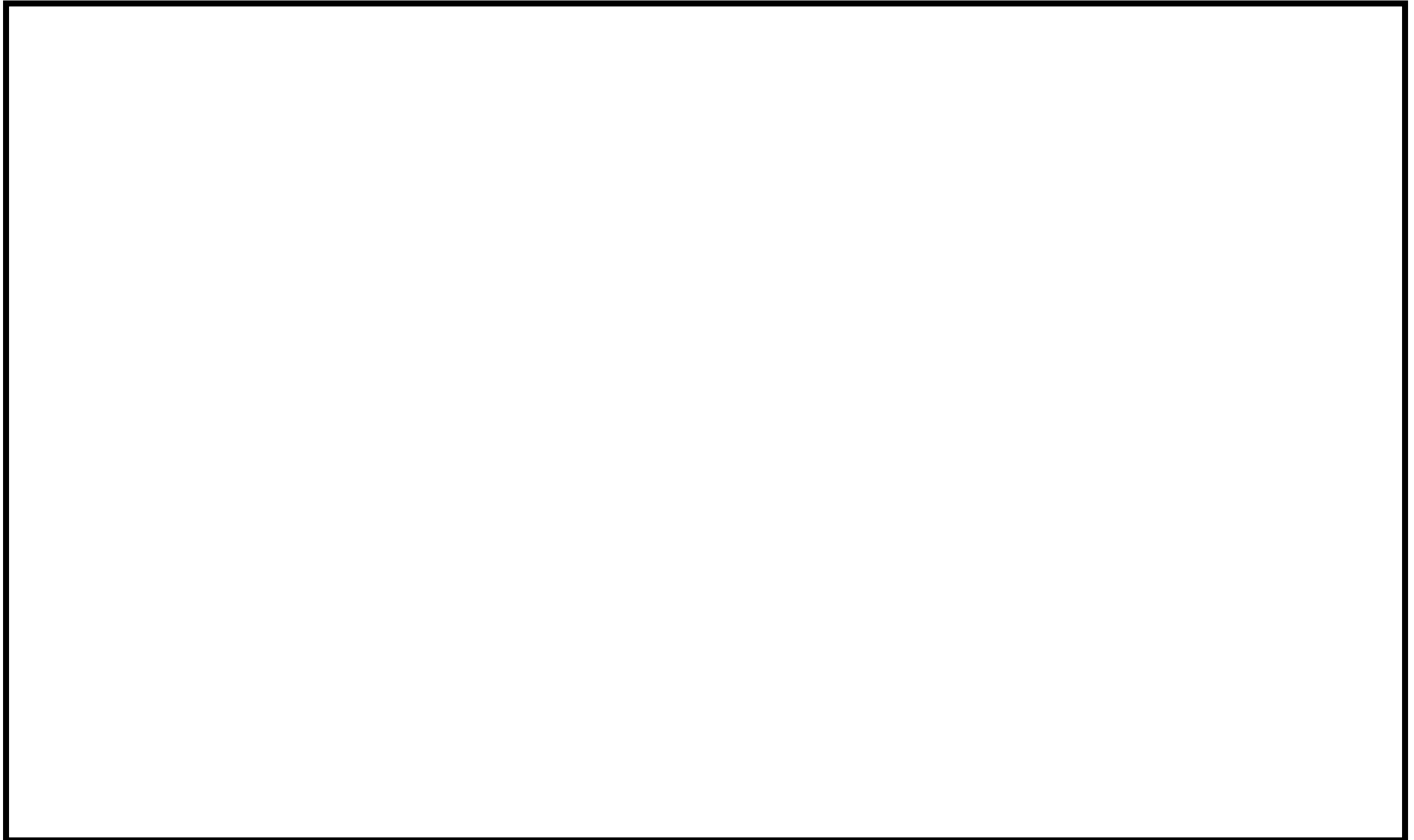
Diverting Valve Make/Model \_\_\_\_\_

Mounting Hardware Make/Model or Type \_\_\_\_\_

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

# SPH 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.