SCOPE: Use this plan ONLY for solar domestic water heating (SDWH) systems not exceeding a thermal output rating of 30 kWth on the roof of a one- or two-family dwelling or accessory structure and used for domestic water heating. Systems must be in compliance with current California Building Standards Code, Title 24 and local amendments of the authority having jurisdiction (AHJ). Other articles of the California Plumbing Code (CPC) or California Mechanical Code (CMC) or other California health and safety codes shall apply.

MANUFACTURER’S SPECIFICATION SHEETS MUST BE PROVIDED for proposed collector, controller, pump, storage tank/heat exchanger/ heat transfer fluid (if applicable) and mounting systems. Equipment intended for use with SDWH system shall be identified and listed for the application.

Job Address: ___________________________ Permit #: __________________
Contractor/Engineer Name: __________________________ License # and Class: __________
Signature: ___________________________ Date: _______ Phone Number: __________________
Email: ___________________________

Total # of Collectors Installed ___________ Total Area of Collectors _________________
Collector Certification Number (include certifying agency) ________________________
System Certification Number (include certifying agency) ________________________
Max Height Above Roof _________________ Height Above Ground ____________________

Major Components (for SDWH systems)

Solar Tank Make/Model _______ Gallons _____ Insulation R-_______ Pressurized? _________
Heat Exchanger Make/Model _______ Number of Walls _______ Heat Exchange Fluid _________
Solar Control Make/Model ______________________________________________________
Solar Pump/Circulator Make/Model _____________________________________________
Expansion Tank Make/Model ______________________ Appropriate S sized for Use? __________
Mounting Hardware Make/Model or Type __________________________

Do all the above data match substantially the data used for certification? __________