SCOPE: Use this plan ONLY for solar domestic water heating 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 SWH 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 ________________ Appropriately Sized for Use? ______
Mounting Hardware Make/Model or Type __________________________

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

SWH TOOLKIT DOCUMENT #3A
Solar Domestic Water Heating Standard Plan for One- and Two-Family Dwellings