DOCUMENT #3A *City of Corona Building Division*

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

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?_____