SCOPE: Use this plan ONLY for solar pool 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 residential solar pool 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 health and safety codes shall apply.

MANUFACTURER’S SPECIFICATION SHEETS MUST BE PROVIDED for proposed collector, controller, solar pump (if applicable), heat exchanger/heat transfer fluid (if applicable), diverting valve (if applicable) and mounting systems. Equipment intended for use with a solar pool heating 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 Collector Area _________
Collector Certification Number (include certifying agency) __________________
Collector Material _______________________
Max Height Above Roof ______ Height Above Ground _______

**Major components**

Solar Control Make/Model ____________________________
Solar Pump Make/Model (if applicable) _____________________
Diverting Valve Make/Model ____________________________
Mounting Hardware Make/Model or Type ___________________
SAMPLE ROOF PLAN for SDWH and SPH systems

- ROOF TYPE: STANDING SEAM
- ROOF HEIGHT (Elevation): MAX 15’ (1 story)
- RAFTERS: 2” X 6” @ 24” OC

(18) 4’x12’ XXX PANELS
SAMPLE ONE LINE PLUMBING DIAGRAM

For SPH Systems