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 (for SPH systems)

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