



City of Palm Desert Department of Building and Safety

Solar Pool Heating – Standard Plan for One- and Two-Family Dwellings

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 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 California 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), diverter valves (if applicable), and mounting systems. Equipment intended for use with 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: _____

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 DWH Systems):

Solar Control Make/Model: _____

Solar Pump/Circulator Make/Model: _____

Diverter Valve Make/Model: _____

Mounting Hardware Make/Model or Type: _____

Does all the above data match substantially the data used for certification?

Y N

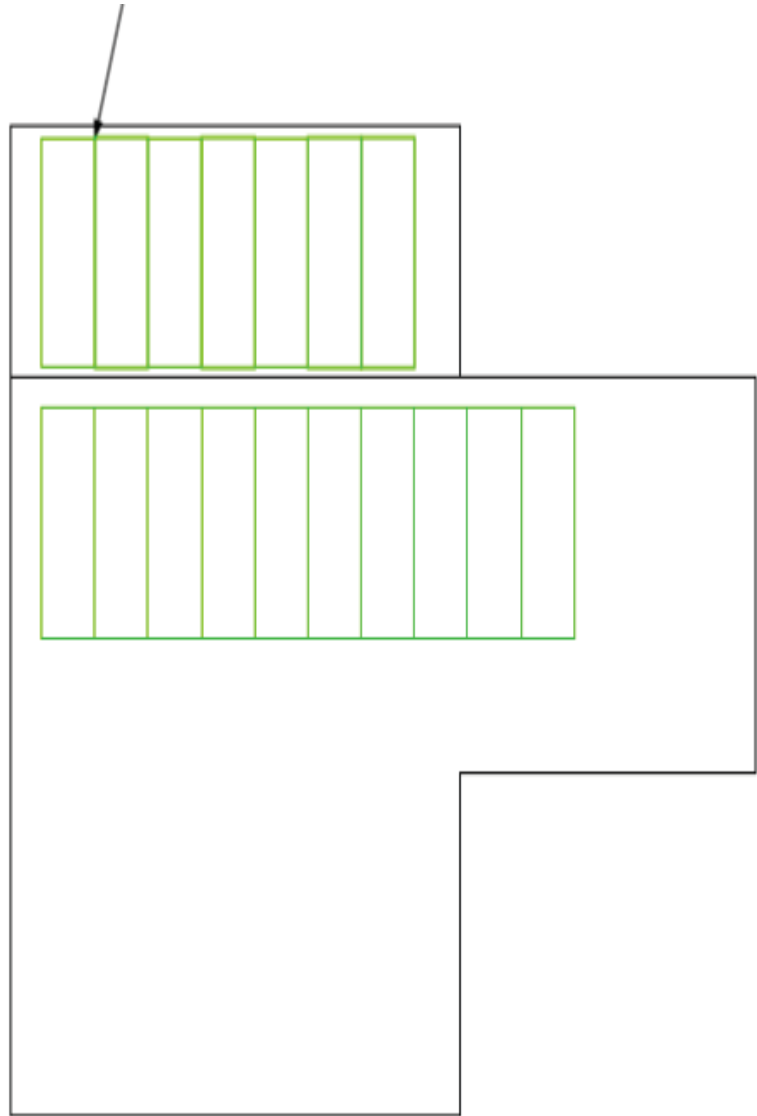
SAMPLE ROOF PLAN for SDWH and SPH systems

-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

