

PLAN SUBMITTAL

Plans:

- Two floor plans of room containing SWH, show existing tank size and type (gas or electric), location of components, if in a garage how is protection provided for new tank, show location of electric power for circulating pump(s).
- Provide size of tank(s).
- Provide cut sheets for components or OG-300 manual for certified systems (owner's manual is required to be on site for inspection).
- Provide drawing with labeled components for listed and non-listed systems.
- Show location of collector on roof.
- Provide mounting detail for roof covering present at site.

Electric:

- Show location of electric for circulation pump(s), or
- Provide location of new electric, wire size, circuit amperage, home run or existing circuit.
- Must provide licensed electrician, or home owner to perform work under a separate permit.

INSPECTION ITEMS

System Labels:

- OG-300 systems to be installed and labeled per owner's manual (must be on site).
- Non-certified systems to label: storage tank, to collector, from collector, drain back, collector circulation pump, potable circulation pump.

Piping:

- All hot water pipes, collector and potable, to be insulated (from collector through attic to storage components).
- All pipes and equipment must be supported in accordance with current adopted edition of the IRC/IPC, pipe insulation is not to be compressed.
- Proper slope, size, and routing on temperature and pressure relief valve and pipes from collector.
- Roof jacks at pipe penetrations.

Electric:

- No extension cords used to supply power.
- New electric installation has been permitted and installed properly.
- No electric capable of arcing or sparking installed within 18 inches above finished floor in garage this includes circulation pumps not listed for hazardous locations.

Protection:

- Water heating system components are protected from vehicular impact by one of the following: 4 inch steel pipe bollard, face of system components 36" from face of tire stop, bottom of components 6 feet elevation above finished floor in garage, other method as approved by AHJ.

Collector:

- Proper mounting hardware as supplied with plans.