

To ensure thoroughness, the following checklist is provided as a guide for diagram development.

1. System designation
2. Piping between components
3. Collector array piping correct - Minimum 3/4" ID pipe for multiple collectors
4. Wiring between components
5. Check valve
 - Location
 - Proper type for location
6. Pressure-temperature valve
 - Tank
 - In isolation portion of collector loop/system
 - Location
7. Air vent
 - At high point
8. Vacuum relief
 - Draindown system
9. Isolation valve
 - Collector loop must be isolatable
 - Located below pump and other components
10. Drain valve
 - Location
 - Collector loop can be drained
11. Mixing valve
 - Proper location
12. Cold water inlet
 - Isolation valve installed
13. Proper sensor location
 - Tank collector
 - Collector
 - Wiring color coded
14. Major components
 - Collector
 - Tank
 - Controller
 - Pump
15. Multiple storage tank interconnection correct
16. Pre-heat tank not boosted with fossil fuel
17. Service access without interruption to hot water service to residence
18. Other