Control board must be in "on" position.

NOTE: The switch on the boiler controls the water flow through the boiler. The boiler must be sized to provide the minimum flow through the boiler to prevent water blockage for the diverter valve inside the boiler. The diverter valve inside the boiler can be downstream of the diverter valve inside the boiler. Note: the DHW piping circuit.

(DHW by Storage Tank)

Single zone system with domestic hot water priority.

Only needed if central heating water content is higher than 18gals.
WITH FOUR ZONES (ZONE CIRCULATOR) TWO BOILERS, PRIMARY/SECONDARY

THE DHW CIRCULATOR.

CONTROL THE CH CIRCULATORS AND NOTE: PROVIDE SUITABLE DEVICE TO PROVIDE THE CORRECT FLOW TO THE BOILERS AND TO THE SYSTEM. NOTE: MANIFOLDS MUST BE SIZED
THE DHW CIRCULATOR:
CONTROL THE CH CIRCULATORS AND
NOTE: PROVIDE SUITABLE DEVICE TO
TO THE BOILERS AND TO THE SYSTEM.
TO PROVIDE THE CORRECT FLOW
NOTE: MANIFOLDS MUST BE SIZED
WITH FIVE ZONES (ZONE CIRCULATOR)
THREE BOILERS, PRIMARY/SECONDARY
The zone valves control the CH Circulators and note: Provide suitable device to the boilers and to the system. To provide the correct flow. Note: Manifolds must be sized with five zones (zone valve). Three boilers, primary/secondary.
Multiple zones (Zone Circulator)

Instantaneous DHW with

Note: Piping heating system must

Node: Provide a minimum flow for each zone.

Flow 100 gals/ Hour into the system.

Node: Follow these guidelines:

1. Cool/Water coil
2. Flow Restrictor
3. Pipe Diameter:
   Less Than 1 inch

Note: System problems could result if these guidelines are not followed.
BY TACO SR506 TACO SWITCHES.

BY PRIMARY/SECONDARY LOOP PUMPS ARE CONTROLLED.

DHW BY INDIRECT WATER HEATER AND CH HEATING.

NOTE: THE SWITCH N'1 INSIDE THE BOILER TO PREVENT WATER BLOCKAGE FROM THE DIVERTER VALVE.

NOTE: DISCONNECT THE PLUS SYSTEM TO THE BOILER AND TO THE PROVE CORRECT FLOW.

NOTE: PIPING MUST BE SIZED.

NOTE: N'2 INSIDE THE BOILER TO PREVENT WATER BLOCKAGE TO THE DIVERTER VALVE.

FOR THE STORACE.

NOTE: THE SWITCH N'1 INSIDE THE BOILER TO PREVENT WATER BLOCKAGE FROM THE DIVERTER VALVE.

NOTE: DISCONNECT THE PLUS SYSTEM TO THE BOILER AND TO THE PROVE CORRECT FLOW.

NOTE: PIPING MUST BE SIZED.

NOTE: N'2 INSIDE THE BOILER TO PREVENT WATER BLOCKAGE TO THE DIVERTER VALVE.

FOR THE STORACE.

NOTE: THE SWITCH N'1 INSIDE THE BOILER TO PREVENT WATER BLOCKAGE FROM THE DIVERTER VALVE.

NOTE: DISCONNECT THE PLUS SYSTEM TO THE BOILER AND TO THE PROVE CORRECT FLOW.

NOTE: PIPING MUST BE SIZED.

NOTE: N'2 INSIDE THE BOILER TO PREVENT WATER BLOCKAGE TO THE DIVERTER VALVE.

FOR THE STORACE.

NOTE: THE SWITCH N'1 INSIDE THE BOILER TO PREVENT WATER BLOCKAGE FROM THE DIVERTER VALVE.

NOTE: DISCONNECT THE PLUS SYSTEM TO THE BOILER AND TO THE PROVE CORRECT FLOW.

NOTE: PIPING MUST BE SIZED.
Flow for each zone:
must be sized to provide correct
Note: Piping heating system

Multiple zones (Zone Circulators)
Instantaneous DHW with
CONTENTS IS HIGHER THAN 180GALS
ONLY NEEDED IF CENTRAL HEATING WATER

DEVICE
RT = Room Thermostat or Equivalent
OS = Outdoor Temperature Sensor

JUNCTION BOX
Boilers

120V AC CONNECTIONS

Solar Panel

THE SOLAR PANEL

DHW STORAGE

Note: Piping heating system multiple zones (zone valves) central heating with instaaneous DHW and water heating.

Note: Provide a minimum buffer water once only one zone flow for each zone.

Note: Provide a minimum 10Gals/ Hour how to the system.

Failure to follow these guidelines could result in system problems.