6. Install a hose connection at the hot water outlet.
5. Refer to SMARTPLATE APPLICATIONS GUIDE, SP-1010, to determine if system requires a buffer tank.
4. Heaters should be piped directly to a floor drain. Relief valve should be piped vertically to a height 1 1/2" above the floor. 
3. Drain valve should be located as far as possible from the heater. 
2. Receptors on the heater inlet side should be located adjacent to the heater. Expansion fittings on the heater inlet side should be located as far as possible from the heater.
1. For actual sizes and locations of piping and other connections to the heater, see dimensional notes.

LEGEND
- Valve
- 3-Way Control
- Air Separation
- Temperature Gauge
- Pump
- Union
- Drain Valve
- Relief Valve
- Check Valve
- Stop Valve
- Strainer

Cold Water In
House Recirculation
(See Note 6)

Hot Water In
(See Note 6)

Boiler Water In

Boiler Water Out

Domestic Water Field Piping

Relief Valve

Factory Supplied