NOTES:
1. Preferred piping layout.
2. The temperature and pressure relief valve setting shall not exceed pressure rating of any component in the system.
3. Service valves are shown for servicing boiler. However, local codes shall govern their usage.
4. A. O. Smith piping method is based on 50 equivalent feet of piping. Boiler placement shall be as close as practical to the storage tank. Applications in excess of these recommendations shall require a licensed engineer for design assistance.
5. Pumps are mounted on rear header of each boiler. (1000-2500)
6. Temperature control probe (quad thermistor probe, P/N 9006905005) must be installed onto the tank, and connected to each boiler.

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**GENESIS BOILERS GW (300-2500) - FOUR BOILERS/VERTICAL STORAGE TANK RECOVERY SYSTEM (ONE TEMPERATURE)**

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**LEGEND**

- **TEMPERATURE & PRESSURE RELIEF VALVE**
- **PRESSURE RELIEF VALVE**
- **CIRCULATING PUMP**
- **TEMPERATURE CONTROL PROBE**
- **DRAIN**
- **FULL PORT BALL VALVE**
- **CHECK VALVE**
- **TEMPERATURE GAGE**
- **WATER FLOW SWITCH**

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**GENESIS BOILER MODEL (GW)**

<table>
<thead>
<tr>
<th>GENESIS BOILER MODEL (GW)</th>
<th>BOILER PIPING SIZE “A” (INCH)</th>
<th>MANIFOLD PIPING SIZE “B” (INCH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300-400</td>
<td>1 1/2</td>
<td>3</td>
</tr>
<tr>
<td>500-750</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>1000-2500</td>
<td>2 1/2</td>
<td>6</td>
</tr>
</tbody>
</table>

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**FINISHED FLOOR**

- **HOT WATER TO FIXTURES**
- **SYSTEM RETURN**
- **COLD WATER SUPPLY**
- **EXPANSION TANK**
- **ALTERNATE COLD WATER CONNECTION**

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