**AWH - TWO AIR TO WATER HEAT PUMPS, VERTICAL STORAGE TANK WITH FORCED BUILDING RECIRCULATION (ONE TEMPERATURE)**

**WARNING:** THIS DRAWING SHOWS SUGGESTED PIPING CONFIGURATION AND OTHER DEVICES: CHECK WITH LOCAL CODES AND ORDINANCES FOR ADDITIONAL REQUIREMENTS.

**NOTES:**
1. Preferred piping method.
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 unit. However, local codes shall govern their usage.

**IMPORTANT INSTALLATION NOTES**
MULTIPLE HPWHS MUST BE PIPED IN REVERSE RETURN PIPING CONFIGURATION AS SHOWN IN THIS DIAGRAM.

**LEGEND**
- TEMPERATURE & PRESSURE RELIEF VALVE
- PRESSURE RELIEF VALVE
- CIRCULATING PUMP
- TANK OR LINE TEMPERATURE CONTROL
- CHECK VALVE
- TEMPERATURE GAGE
- FULL PORT BALL VALVE
- WYE STRAINER

**Diagram Notes:**
- SUPPLY WATER (OUTLET)
- PIPE TAP TO OPEN DRAIN
- PURGE VALVE
- PIPE T&P TO OPEN DRAIN
- HOT OUTLET TO FIXTURES OR INLET OF BACKUP WATER HEATER
- FIELD SUPPLIED PUMP FOR HPWH MODELS WITHOUT FACTORY PUMP
- TANK THERMOSTAT
- BUILDING RECIRCULATION LOOP RETURN
- CONNECT BUILDING RECIRC RETURN TO INLET OF BACKUP WATER HEATER WHEN PRESENT
- EXPANSION TANK
- COLD WATER SUPPLY
- FINISHED FLOOR