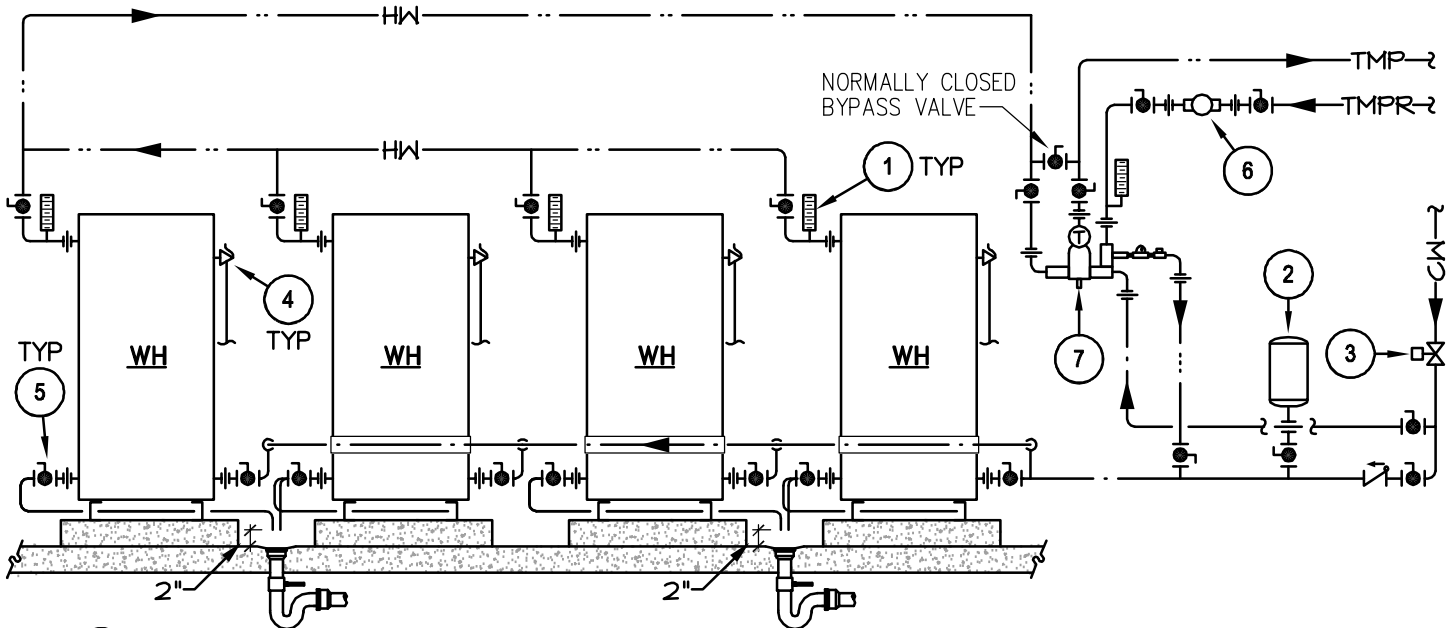
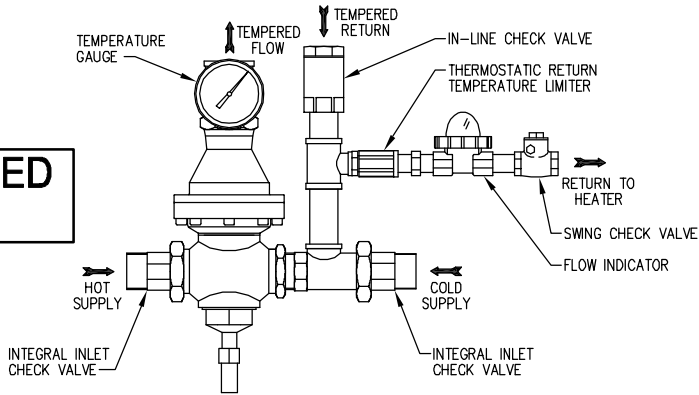



# FACTORY SUPPLIED TMV VALVE



- ① COMBINATION TEMPERATURE AND PRESSURE GAUGE – INSTALL WITHIN 12" OF HOT WATER OUTLET.
- ② ASME THERMAL EXPANSION TANK – SIZE ACCORDING TO MANUFACTURER'S RECOMMENDATION. DELETE IF THERE IS NO CHECK VALVE OR BACKFLOW PREVENTER BETWEEN WATER HEATER AND WATER SOURCE TO BUILDING.
- ③ PRESSURE REDUCING VALVE – INSTALL ONLY IF WATER SUPPLY PRESSURE EXCEEDS 75% OF WATER HEATING SYSTEM DESIGN PRESSURE.
- ④ ROUTE T&P RELIEF VALVE DISCHARGE FULL SIZE TO FLOOR DRAIN.
- ⑤ PROVIDE FULL-PORT DRAIN VALVE AND ROUTE TO FLOOR DRAIN.
- ⑥ RECIRCULATION PUMP. PROVIDE AQUASTAT ONLY IF REQUIRED BY CODE WITH LETTER TO OWNER REQUIRING RELEASE OF LIABILITY (NON-MOVING WATER PROMOTES LEGIONELLA).
- ⑦ THERMOSTATIC MIXING VALVE (TMV) TO BE FACTORY SUPPLIED, PIPING CONNECTIONS AND COMPONENTS AS DETAILED ABOVE. TMV TO INCLUDE INTEGRAL CHECK VALVES ON HOT AND COLD INLETS.

	<b>RAND ASSOCIATES INCORPORATED</b>		
	QUADRUPLE WATER HEATERS RECIRCULATING RETURN SINGLE TEMPERATURE		
PIPING DIAGRAM	Size: A	FSCM No: -	Version: 1
	Drawn By: BLW	Scale: NONE	Date: 08.25.11
			Sheet: 1 of 1