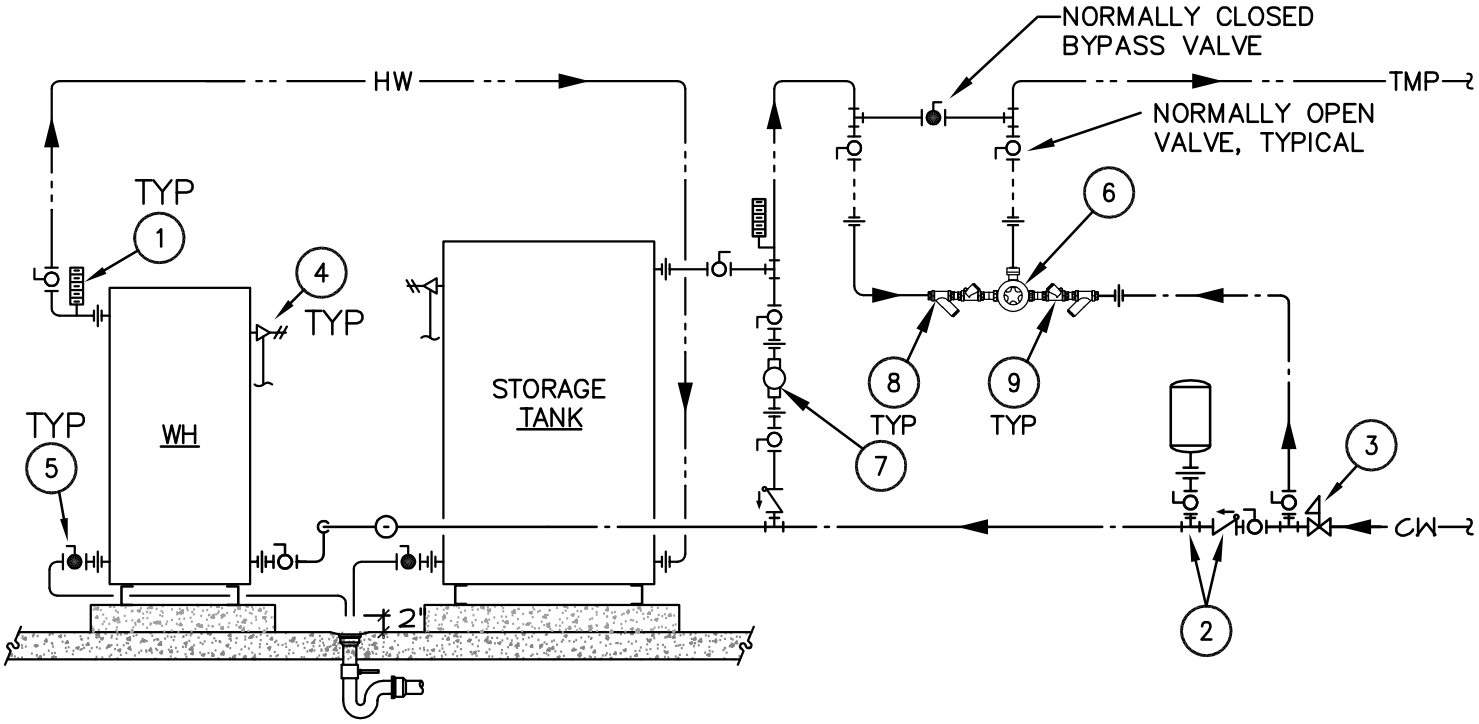

GENERAL NOTES

1. ADD ISOLATION VALVES AND UNIONS AS NEEDED.
2. LEAD–FREE CONSTRUCTION THROUGHOUT.

KEYED NOTES

(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) THERMOSTATIC MIXING VALVE (TMV), LEAD–FREE, PIPING CONNECTIONS AND COMPONENTS AS DETAILED ABOVE.

(7) SIZE RECIRCULATION PUMP TO MATCH RECOVERY RATE OF WATER HEATER.

(8) STRAINER, TYPICAL.

(9) CHECK VALVE, TYPICAL.

	RAND ASSOCIATES INCORPORATED			
	WATER HEATER & STORAGE TANK SINGLE TEMPERATURE THERMOSTATIC MIXING VALVE			
PIPING DIAGRAM	Size: A	FSCM No: –	Drawing No: DHW06	Version: 1
	Drawn By: BLW	Scale: NONE	Date: 03.29.14	Sheet: 1 of 1