



Pipe Temp.	Line Type
CW	
HW	
Recirc	
Tempered	

	Ball Valve
	Check Valve
	Drain Valve
	Strainer
	Pump
	Temperature Switch
	Temperature Indicator
	Thermometer
	Backflow Preventer
	Balancing Valve Circuit Setter
	T&P Relief Valve
	Floor Drain

- NOTES:
1. FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE HEATER, SEE DIMENSIONAL DRAWING.
 2. THIS IS A TYPICAL INSTALLATION DRAWING. LOCAL CODES AND AUTHORITIES SHOULD BE CONSULTED.
 3. IF PERMITTED BY LOCAL CODES, A CHECK VALVE MAY BE USED IN PLACE OF A BACKFLOW PREVENTER.
 4. STRAINER ON WATER HEATER INLET MUST USE FINER MESH THAN STRAINERS ON COLD WATER MAIN.
 5. PIPE T&P VALVE TO WITHIN 6" OF DRAIN WITH NO SHUTOFF VALVES OR RESTRICTION IN THE LINE; OR PER LOCAL CODE REQUIREMENTS. CONDENSATE DRAIN LINE WITH NEUTRALIZER PIPED TO FLOOR DRAIN NOT SHOWN. DUPLICATE REQUIRED PIPING FOR HEATER(S) AND STORAGE TANK(S).
 6. FOR UNITS WITH RECIRC. CONNECTION OF 1", PUMPS SHOULD BE SIZED FOR THE QUANTITY OF HEATERS TIMES UP TO 10 GPM. FOR UNITS WITH RECIRC. CONNECTION OF 2", PUMPS SHOULD BE SIZED FOR THE QUANTITY OF HEATERS TIMES UP TO 30 GPM.
 7. RECIRC PUMP DETERMINED BY PLUMBING ENGINEER AND MINIMUM FLOW VARIES BY DIGITEMP MODEL.
 8. N.C. BYPASS PIPING ALLOWS HEATER TO CONTINUE OPERATION WITH THE STORAGE TANK REMOVED FROM THE SYSTEM.
 9. REFER TO VALVE MANUFACTURER PIPING INSTRUCTIONS.
 10. DO NOT EXCEED 160° F STORED WATER TEMPERATURE IN THE SIDEARM TANK.
 11. ENSURE ALL PIPE DIAMETERS ARE SIZED ADEQUATELY TO HANDLE THE FLOW VOLUME (GPM) AT A MAXIMUM WATER VELOCITY OF 6 FEET PER SECOND.
 12. DURING INITIAL STARTUP OF THE HEATER AND TANK, THE HEATER MAY CYCLE OCCASIONALLY.
 13. ALL (*) COMPONENTS ARE OPTIONAL FOR INSTALLATION UNLESS OTHERWISE STATED PER LOCAL CODE REQUIREMENTS.
 14. THE FOLLOWING COMPONENTS SHALL BE FIELD SOURCED: CHECK VALVES, STRAINERS, BALL VALVES, BALANCING VALVES, PUMPS, TEMPERATURE SENSORS, EXPANSION TANK, BACKFLOW PREVENTER.
 15. HEATERS SHOULD BE PIPED REVERSE RETURN AS SHOWN OR BALANCING DEVICES ON THE OUTLETS OF THE HEATERS SHOULD BE EMPLOYED.

PVI A WATTS Brand		Fort Worth, TX 76134	
CONQUEST – MULTI UNIT, MULTI SIDEARM STORAGE TANKS			
DRWN BY. AK	DATE 071723	DWG. NO: PV 8857	REV. A
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