



- NOTES:
1. THIS IS A TYPICAL INSTALLATION PIPING DRAWING. ALSO CONSULT LOCAL CODES AND AUTHORITIES.
 2. REFER TO APPROPRIATE DIMENSIONAL DRAWING OF UNIT FOR ACTUAL SIZE AND LOCATION DIMENSIONS OF PIPING AND OTHER CONNECTIONS.
 3. RELIEF VALVES AND DRAIN VALVES PIPING SHALL BE INSTALLED TO SAFE DRAIN ACCORDING TO APPROPRIATE PLUMBING CODES.
 4. PIPING CONNECTIONS TO THE UNIT SHALL BE PROVIDED WITH UNIONS OR FLANGES MAINTAINING ENOUGH CLEARANCES FOR SERVICE. DIELECTRIC FITTINGS ARE SUGGESTED TO MAKE CONNECTIONS BETWEEN DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.
 5. ALSO CONSULT BOILER MANUFACTURER FOR BOILER WATER SIDE PIPING DETAILS.
 6. A CHECK VALVE MAY BE UTILIZED IN PLACE OF BACKFLOW PREVENTER IF PERMITTED BY LOCAL CODES.
 7. PIPING INSTALLATION COMPONENTS ARE SUPPLIED BY OTHERS IN THE FIELD.
 8. MIXING VALVE SHOULD NOT BE INSTALLED WITHIN 20 FEET OF WATER HEATER OUTLET CONNECTION.
 9. EXPANSION TANK SHALL BE INSTALLED WHEN BUILDING RECIRCULATION PIPING IS EMPLOYED.
 10. THIS DRAWING SHOWS BOILER WATER CONTROL VALVES IN 2-WAY OPERATION. OPTIONAL VFD PUMPS ARE ALSO AVAILABLE IN PLACE OF CONTROL VALVES.

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PIPING INSTALLATION DRAWING			
STP WATER HEATER			
SINGLE UNIT INSTALLATION			
DRAWN BY	NAME	DATE	DWG.#
SS	SS	08/22/19	S-42
CHECKED BY	PR	08/22/19	REV
			B