



NOTES:

1. THIS IS A TYPICAL INSTALLATION PIPING DRAWING. 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. USE BALANCING VALVES TO BALANCE THE FLOW BETWEEN UNITS IF THE PIPING ARRANGEMENT IS NOT REVERSE RETURN.
11. THIS DRAWING SHOWS OPTIONAL VFD PUMPS FOR BOILER WATER CONTROL. CONTROL VALVES ARE ALSO AVAILABLE IN PLACE OF VFD PUMPS.

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		PIPING INSTALLATION DRAWING STP WATER HEATERS MULTIPLE UNIT INSTALLATION					
DRAWN BY	SS	DATE	08/22/19	DWG.#			
CHECKED BY	PR	DATE	08/22/19	REV	A		