



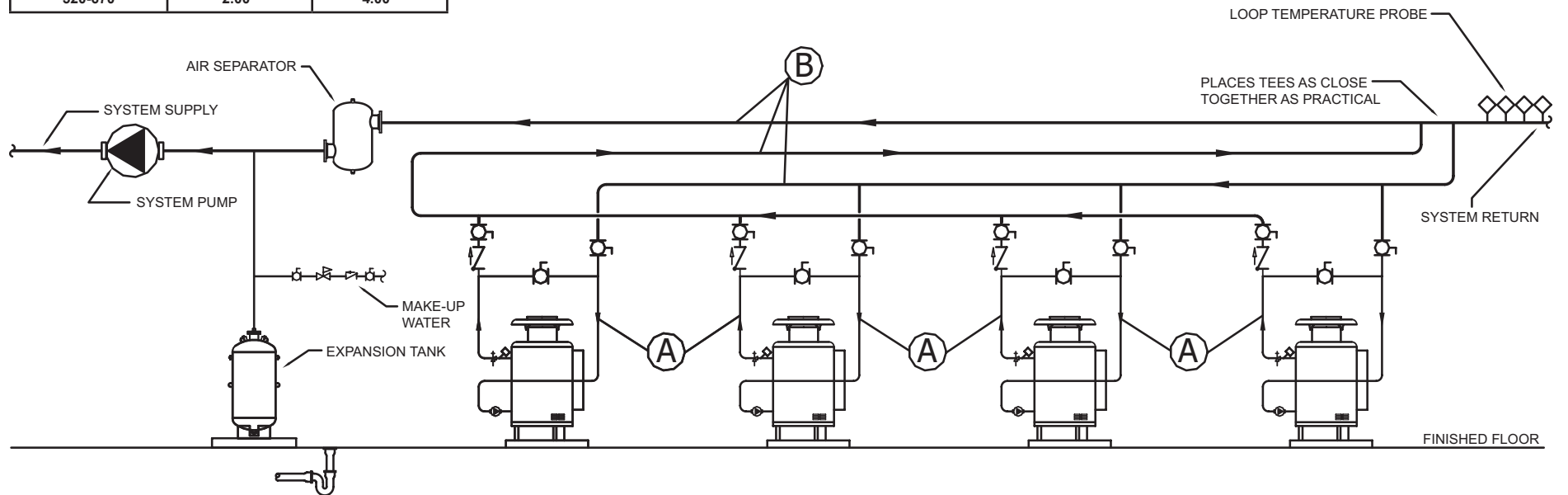
HW BURKAY BOILER (300-670) - FOUR BOILERS PRIMARY/SECONDARY HYDRONIC PIPING SYSTEM

CAUTION: THIS DRAWING SHOWS SUGGESTED PIPING CONFIGURATION AND OTHER DEVICES; CHECK WITH LOCAL CODES AND ORDINANCES FOR ADDITIONAL REQUIREMENTS.

HW BOILER	BOILER PIPING SIZE "A" (INCH)	MANIFOLD PIPING SIZE "B" (INCH)
300	1.25"	2.50"
399-420	1.50"	3.00"
520-670	2.00"	4.00"

LEGEND

	TEMPERATURE & PRESSURE RELIEF VALVE		FULL PORT BALL VALVE
	PRESSURE RELIEF VALVE		CHECK VALVE
	CIRCULATING PUMP		TEMPERATURE GAGE
	TEMPERATURE CONTROL PROBE		WATER FLOW SWITCH
	DRAIN		



NOTES:

1. Preferred piping layout.
2. The temperature and pressure relief valve setting shall not exceed pressure rating of any component in the system.
3. Service valves are shown for servicing boiler. However, local codes shall govern their usage.
4. A. O. Smith piping method is based on 50 equivalent feet of piping. Boiler placement shall be as close as practical to the heating loop. Applications in excess of these recommendations shall require a licensed engineer for design assistance.