

MECHANICAL SCHEMATICS

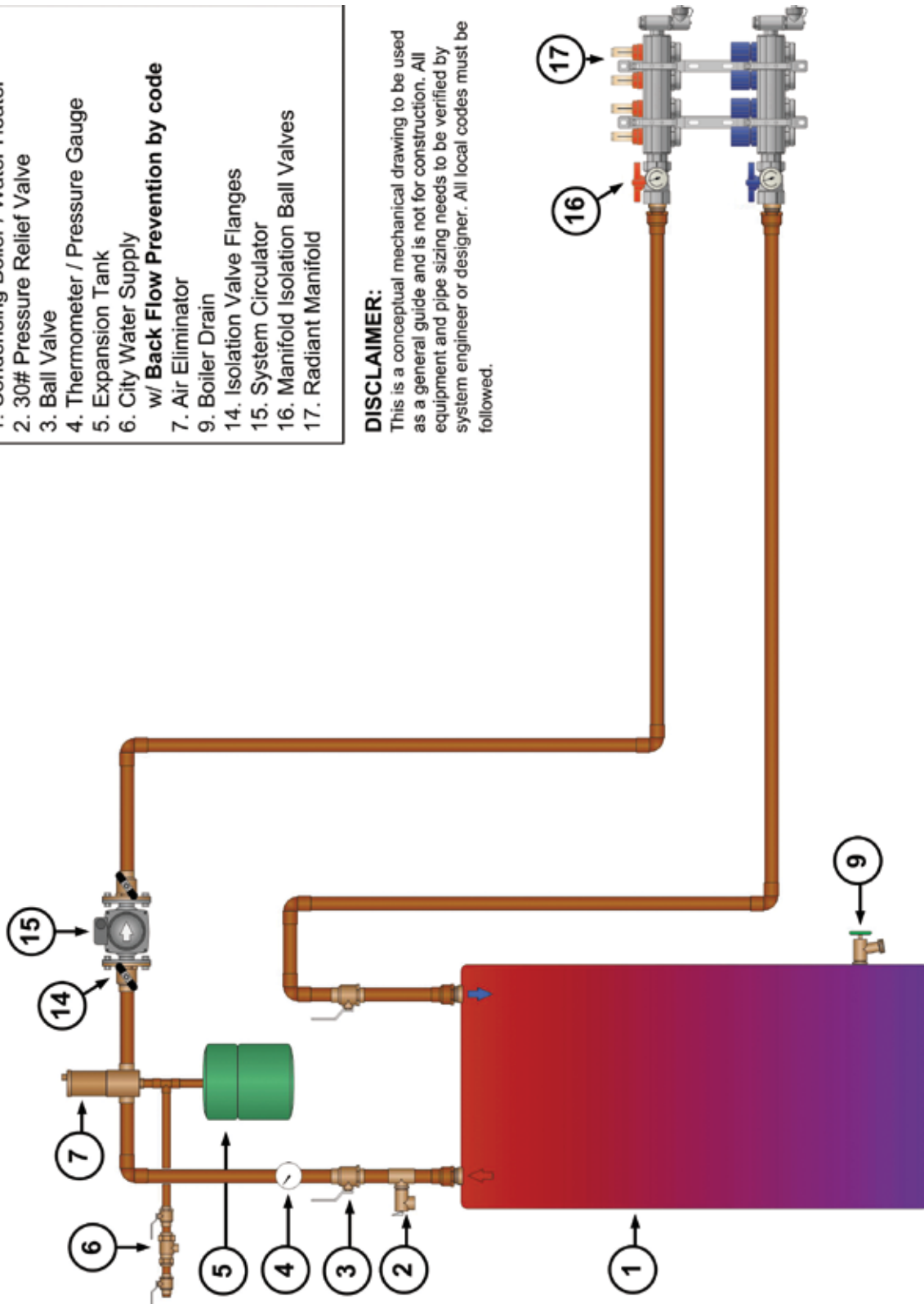
CONDENSING BOILER OR WATER HEATER – NO MIXING

Component Overview

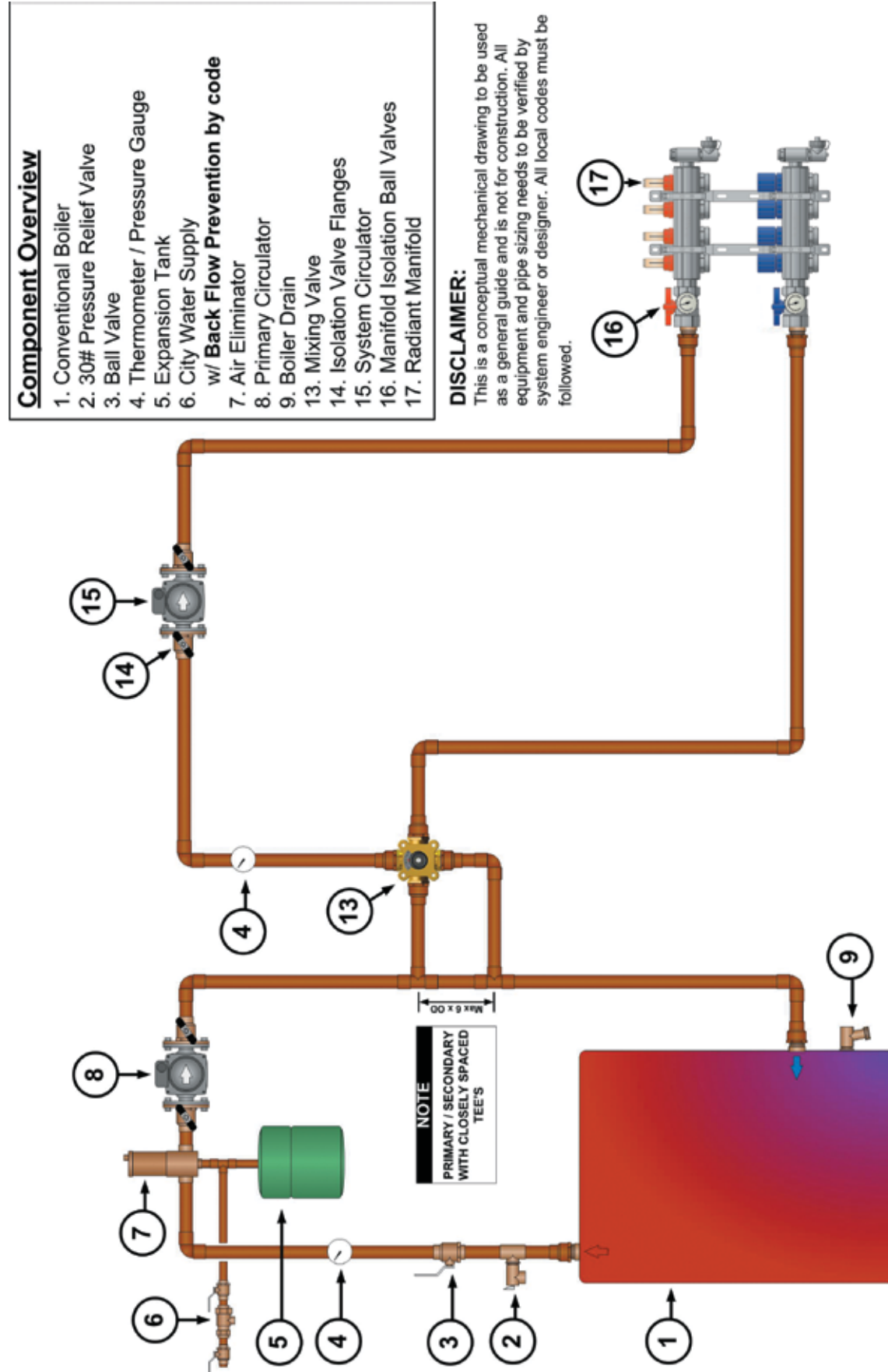
1. Condensing Boiler / Water Heater
2. 30# Pressure Relief Valve
3. Ball Valve
4. Thermometer / Pressure Gauge
5. Expansion Tank
6. City Water Supply w/ Back Flow Prevention by code
7. Air Eliminator
9. Boiler Drain
14. Isolation Valve Flanges
15. System Circulator
16. Manifold Isolation Ball Valves
17. Radiant Manifold

DISCLAIMER:

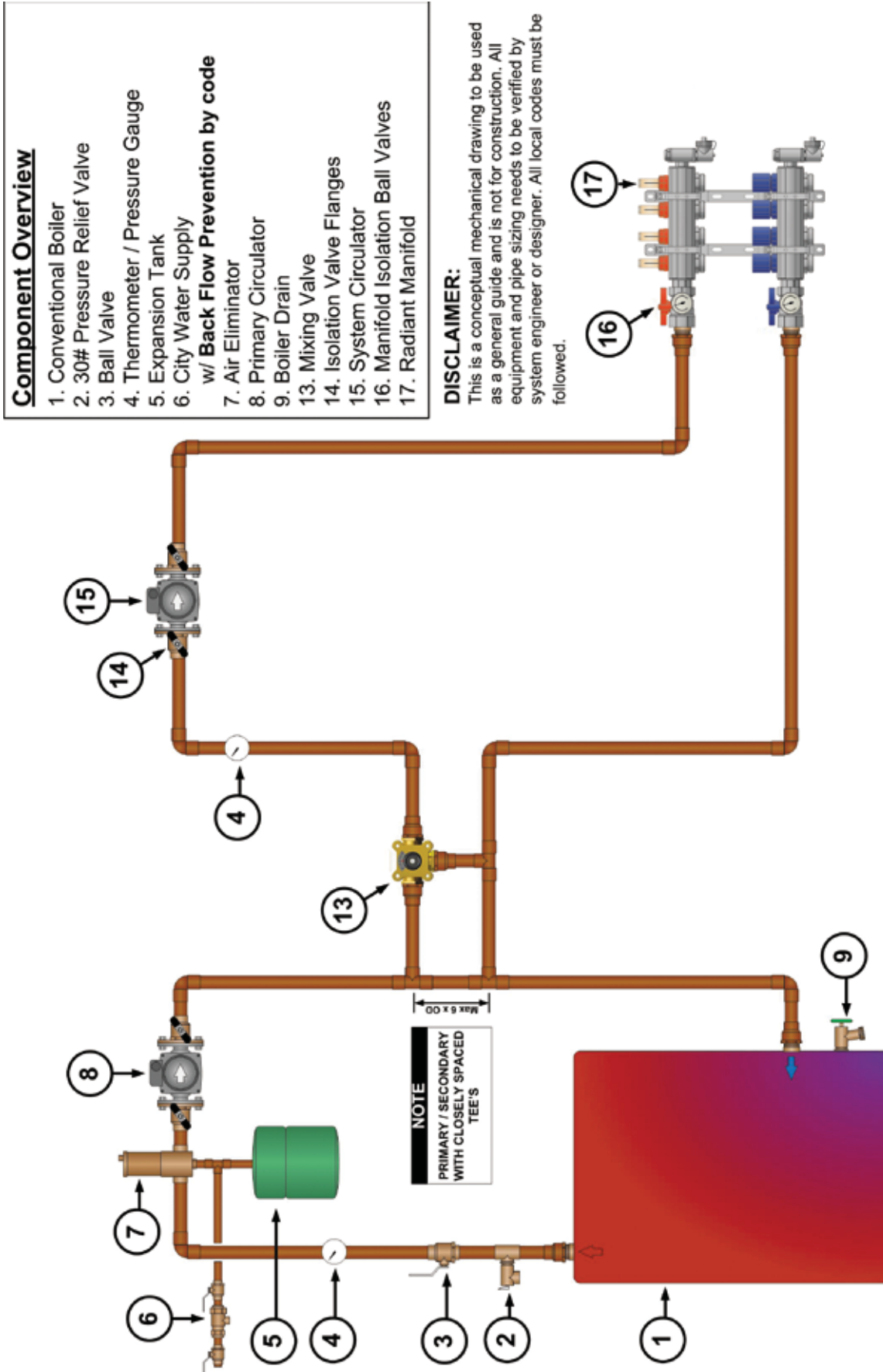
This is a conceptual mechanical drawing to be used as a general guide and is not for construction. All equipment and pipe sizing needs to be verified by system engineer or designer. All local codes must be followed.



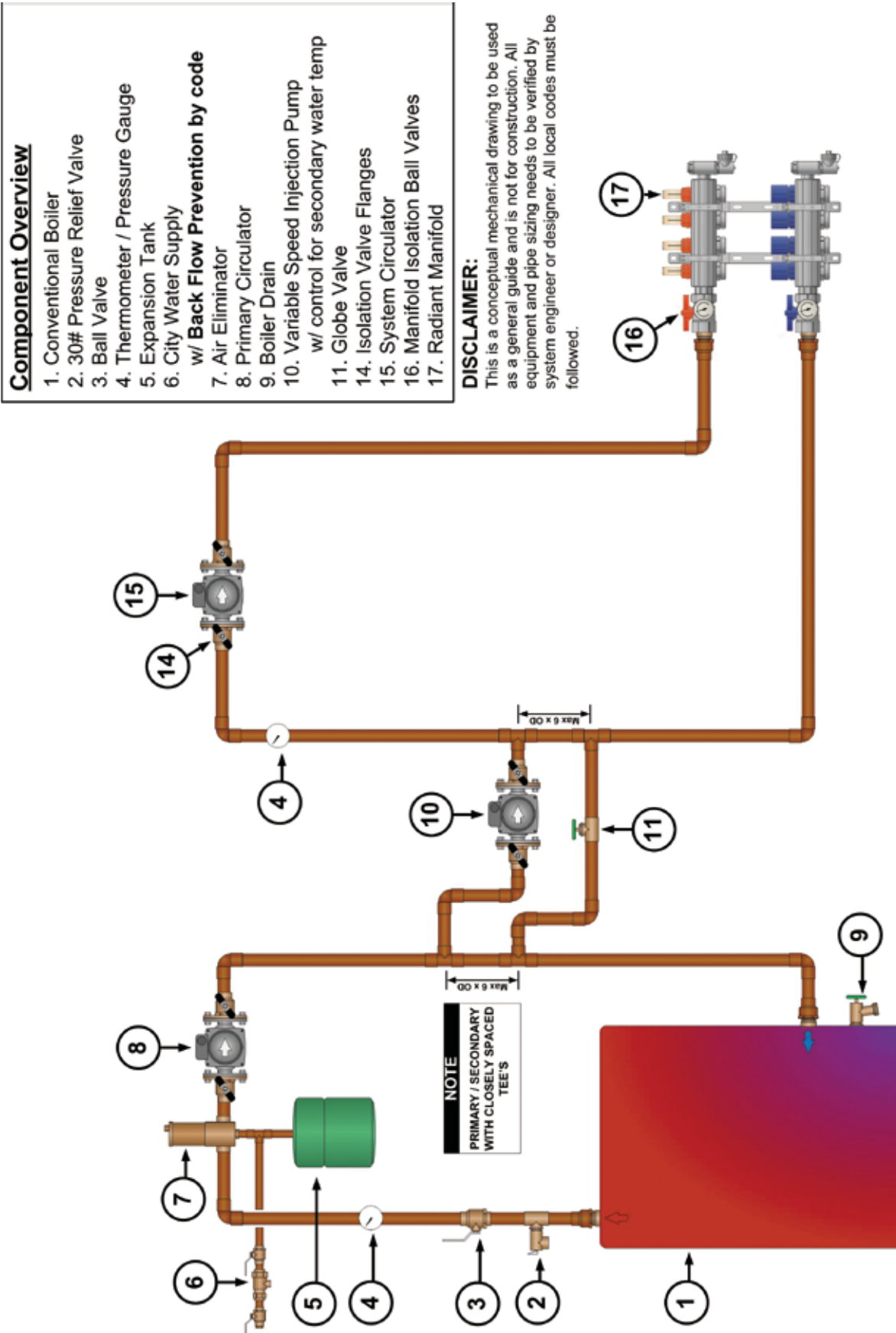
CONVENTIONAL BOILER WITH 4-WAY MIXING VALVE



CONVENTIONAL BOILER WITH 3-WAY MIXING VALVE



CONVENTIONAL BOILER WITH VARIABLE SPEED INJECTION PUMP



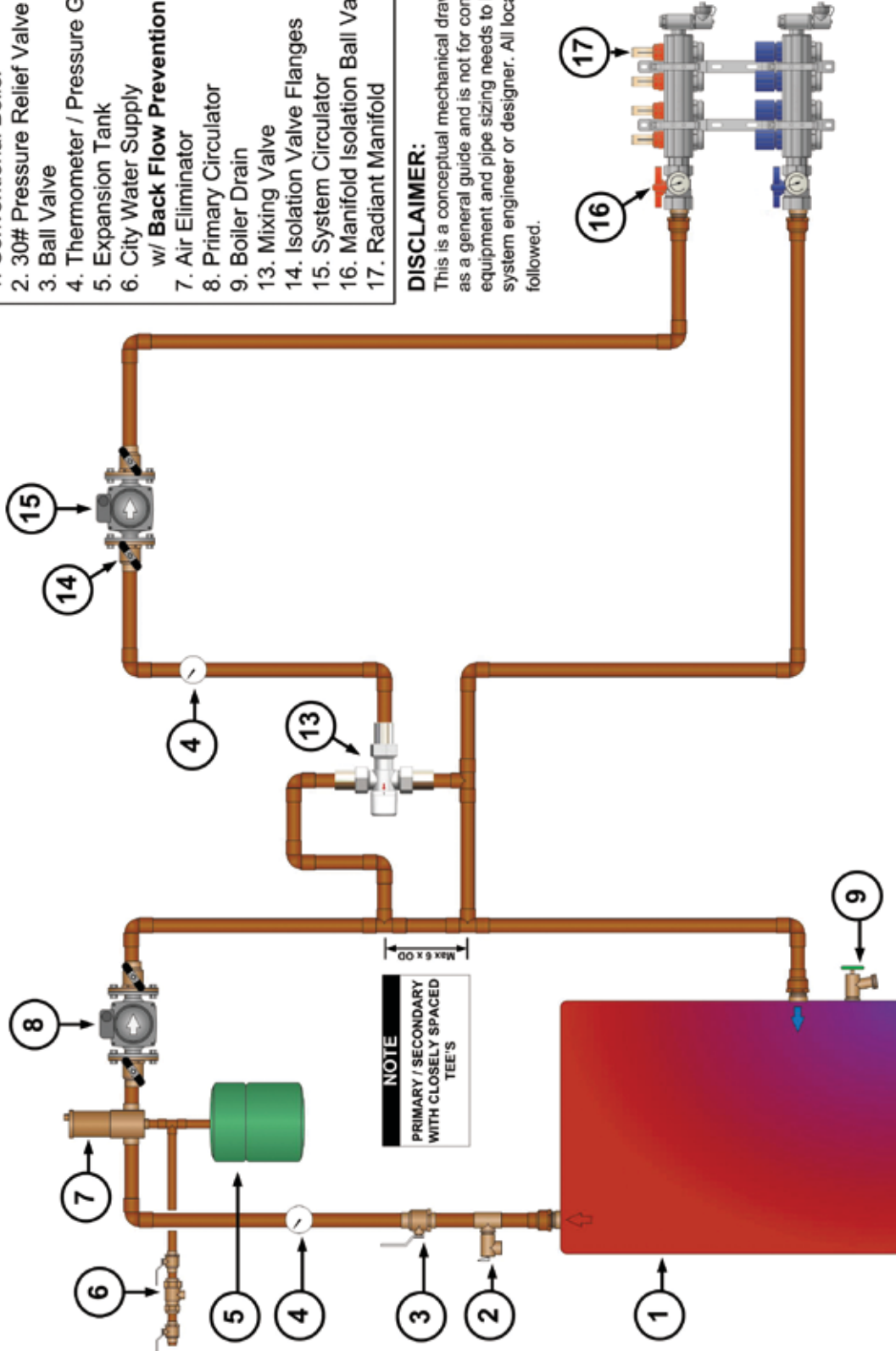
CONVENTIONAL BOILER WITH 3-WAY TEMPERING VALVE

Component Overview

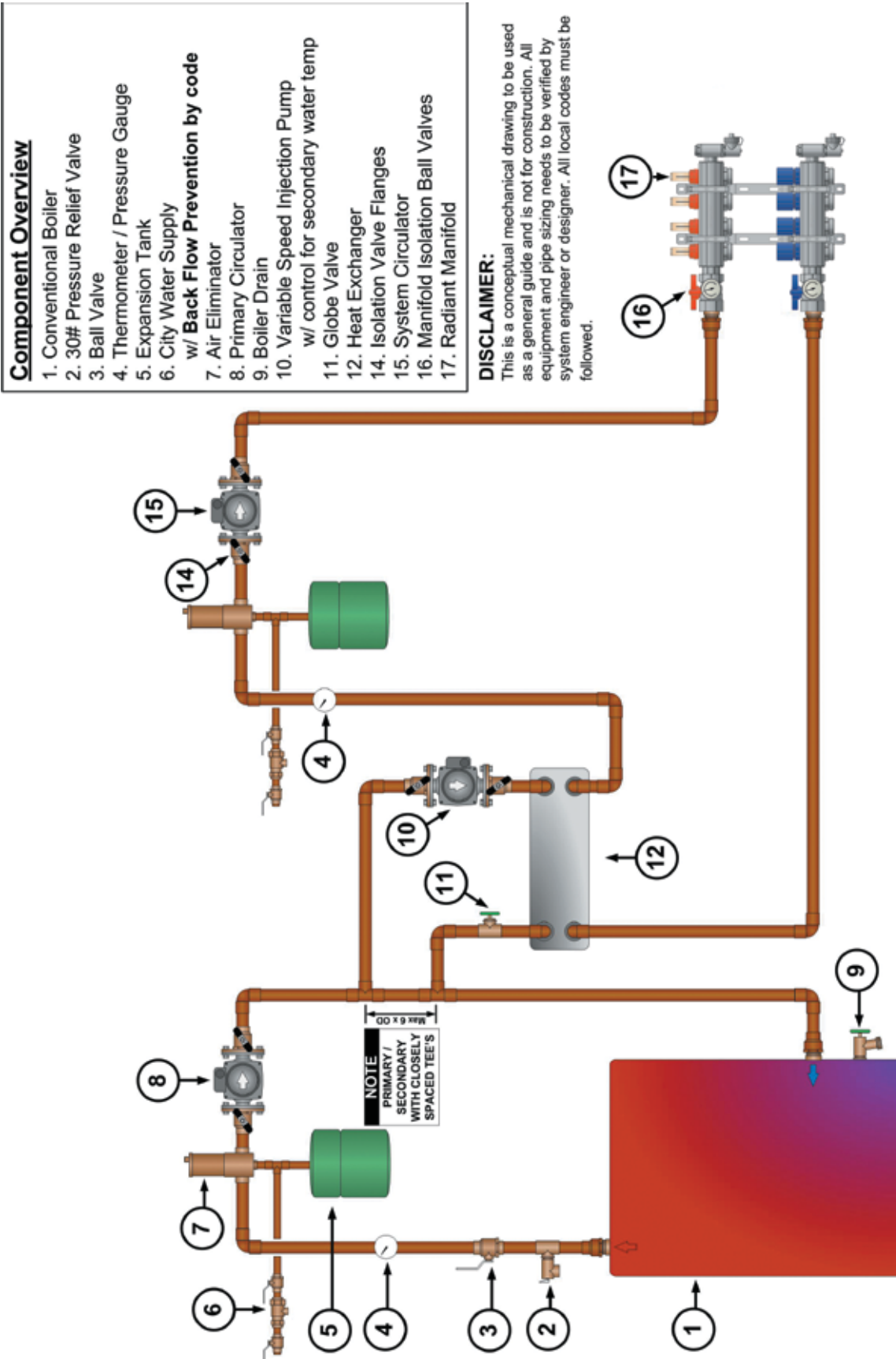
1. Conventional Boiler
2. 30# Pressure Relief Valve
3. Ball Valve
4. Thermometer / Pressure Gauge
5. Expansion Tank
6. City Water Supply w/ Back Flow Prevention by code
7. Air Eliminator
8. Primary Circulator
9. Boiler Drain
13. Mixing Valve
14. Isolation Valve Flanges
15. System Circulator
16. Manifold Isolation Ball Valves
17. Radiant Manifold

DISCLAIMER:

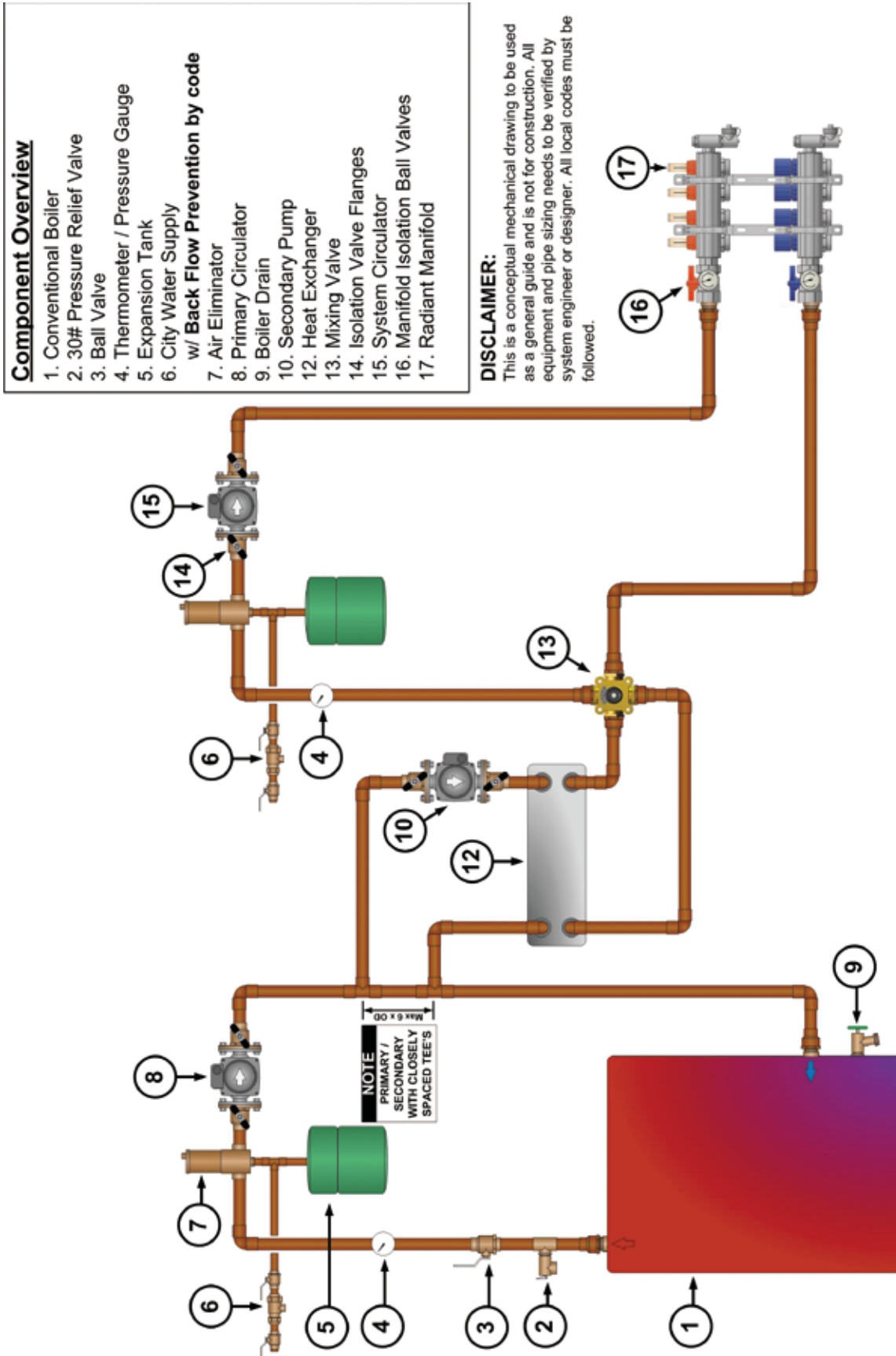
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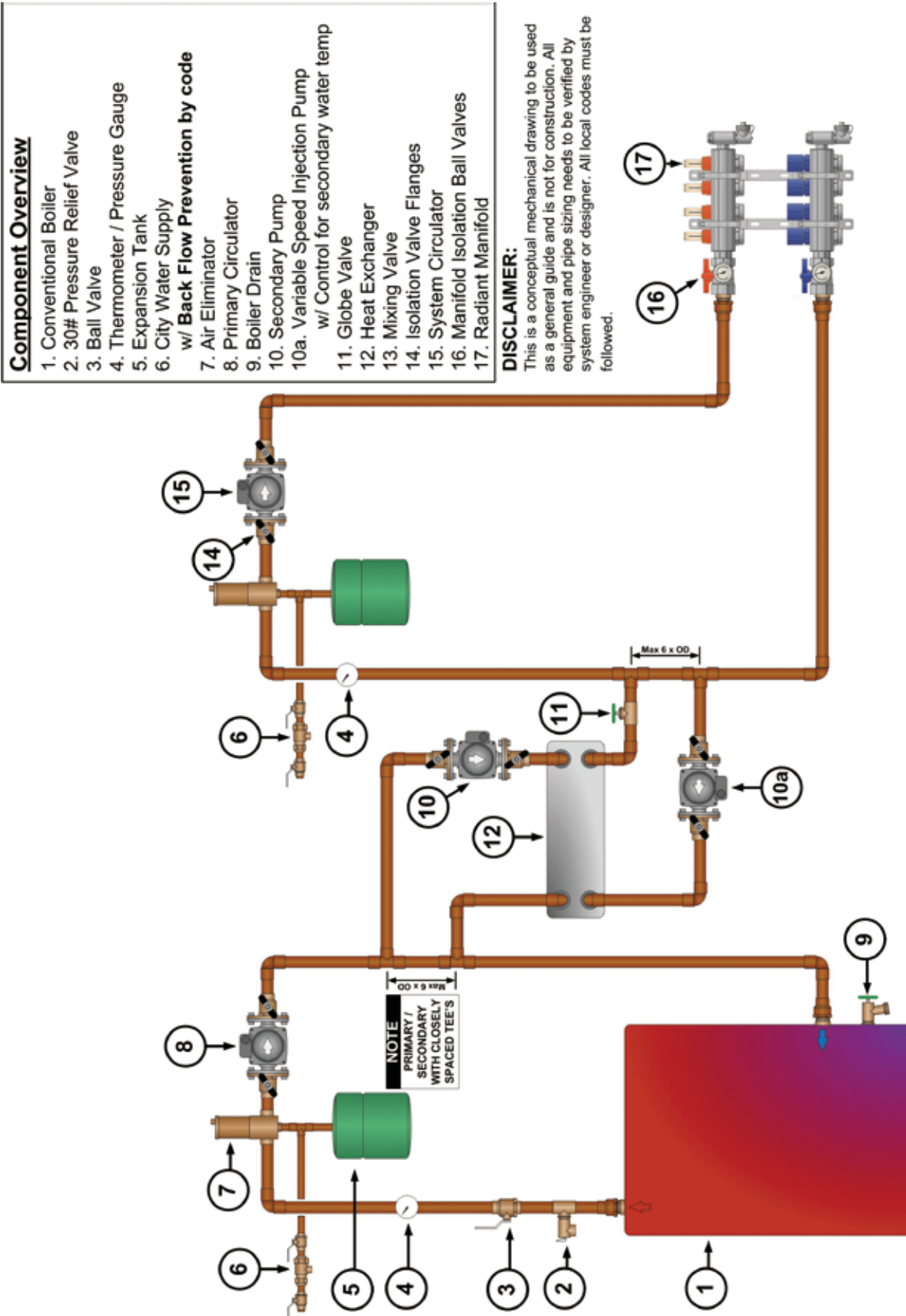
CONVENTIONAL BOILER WITH HEAT EXCHANGER 1



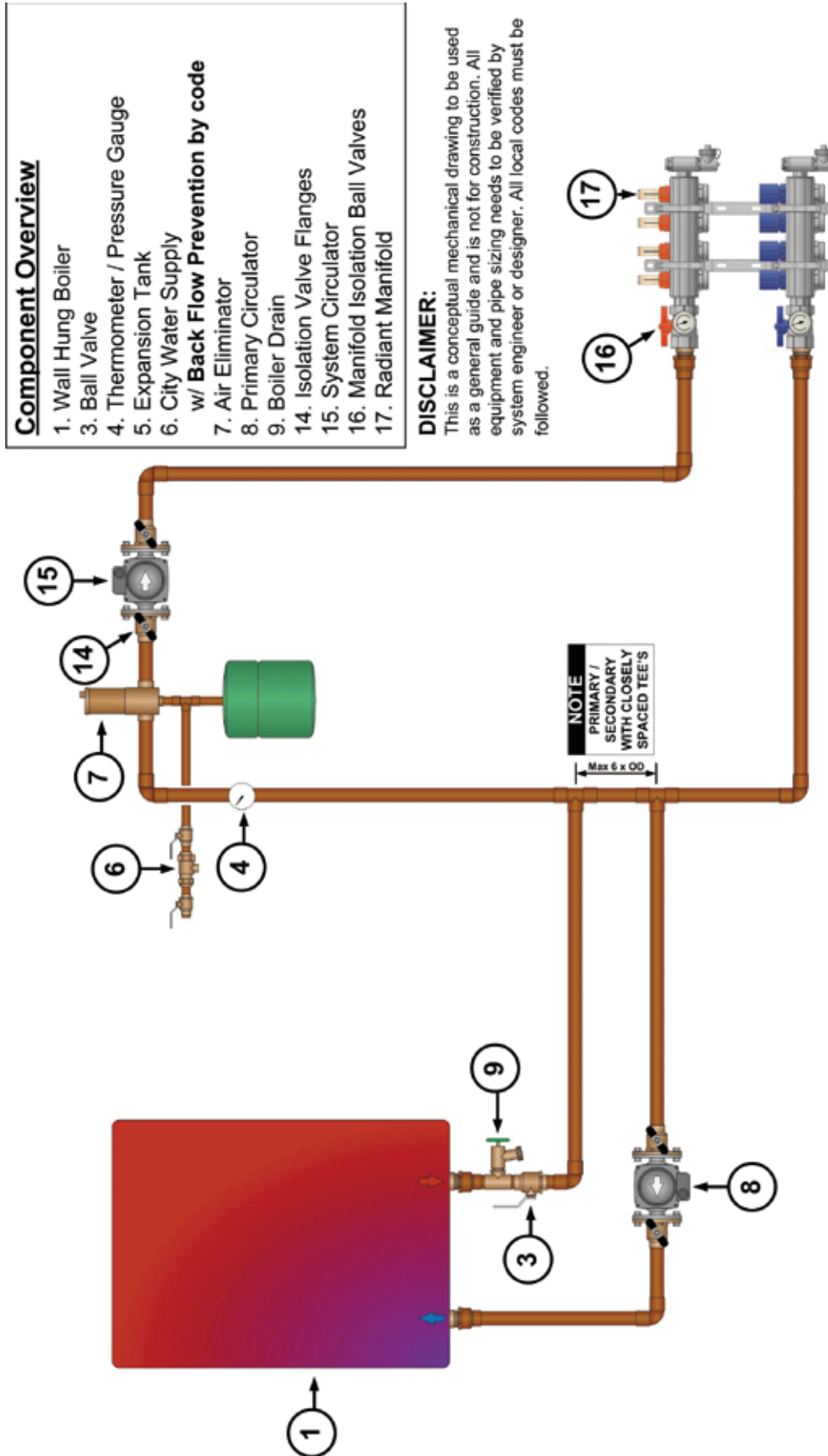
CONVENTIONAL BOILER WITH HEAT EXCHANGER 2



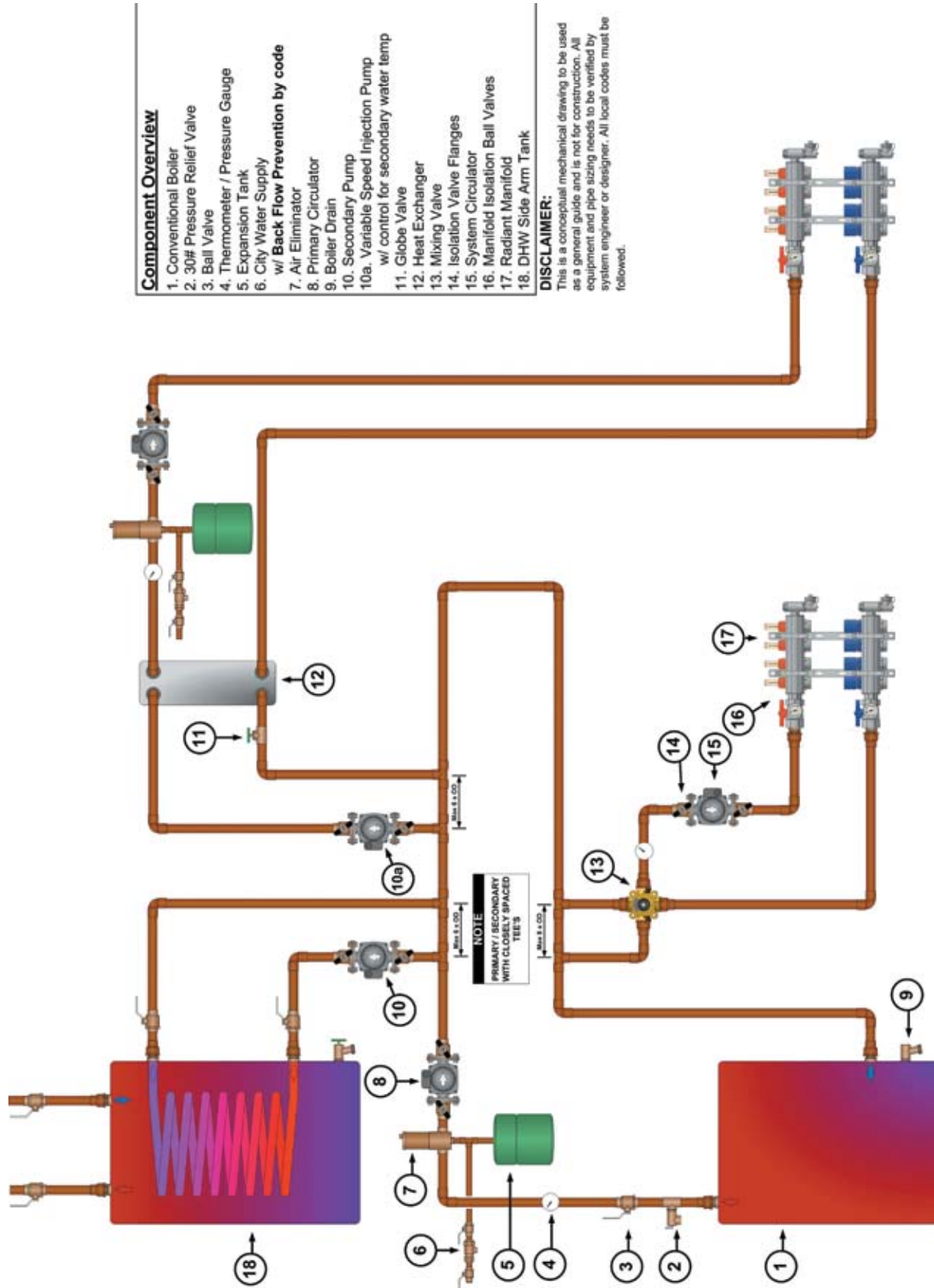
CONVENTIONAL BOILER WITH HEAT EXCHANGER 3



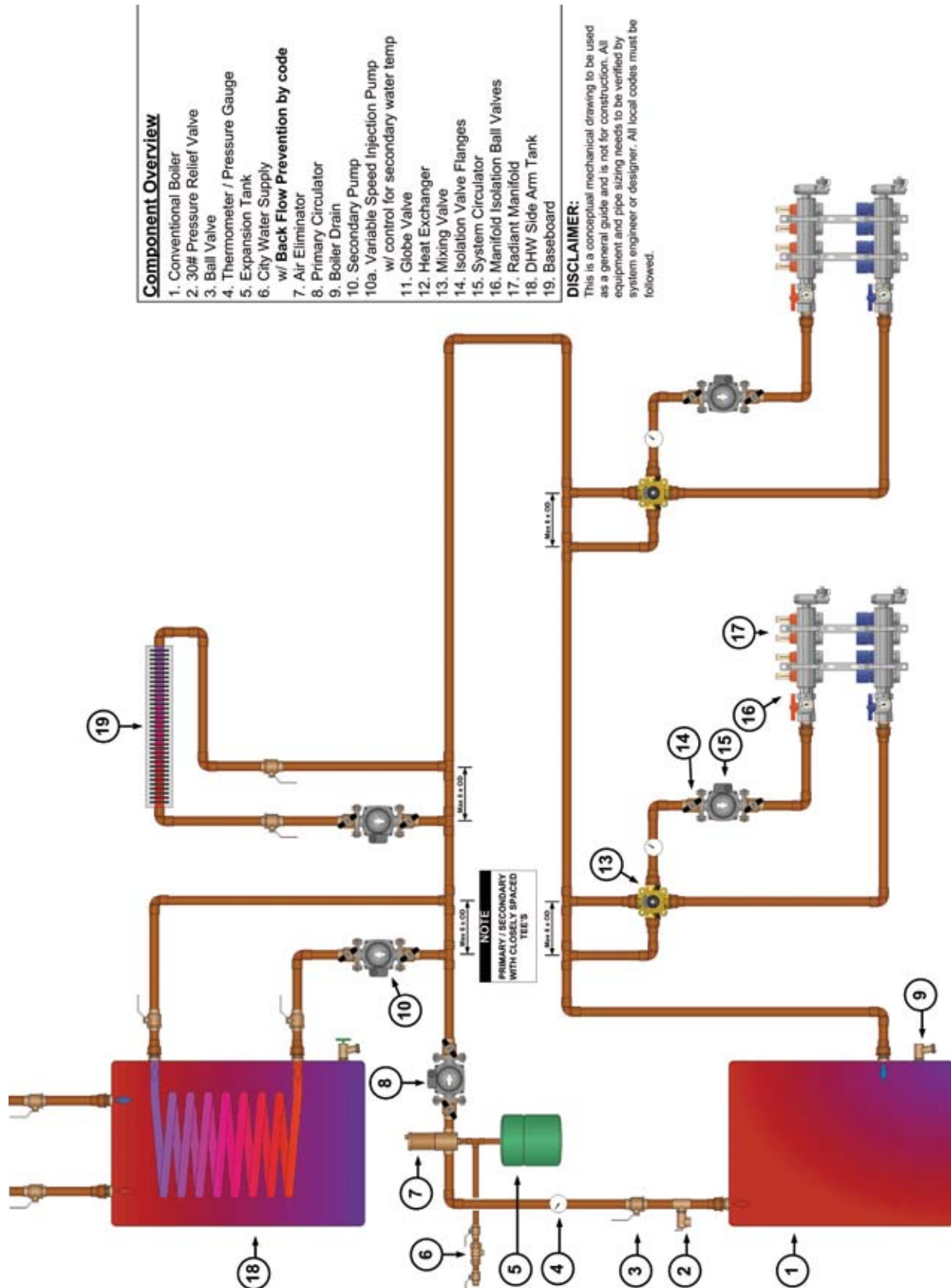
WALL HUNG BOILER – NO MIXING



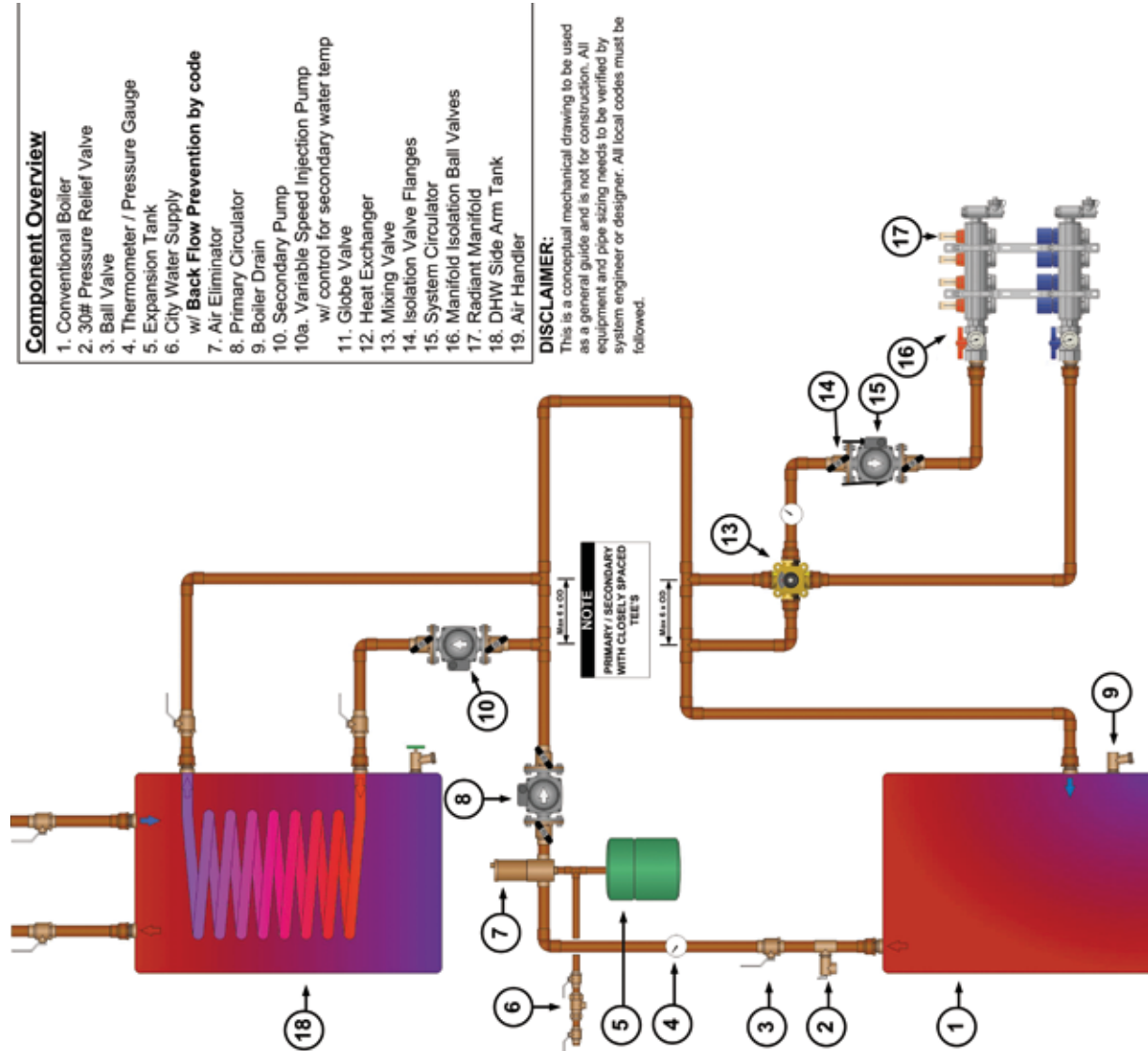
CONVENTIONAL BOILER WITH DHW, HEAT EXCHANGER, 1 TEMP MIXING



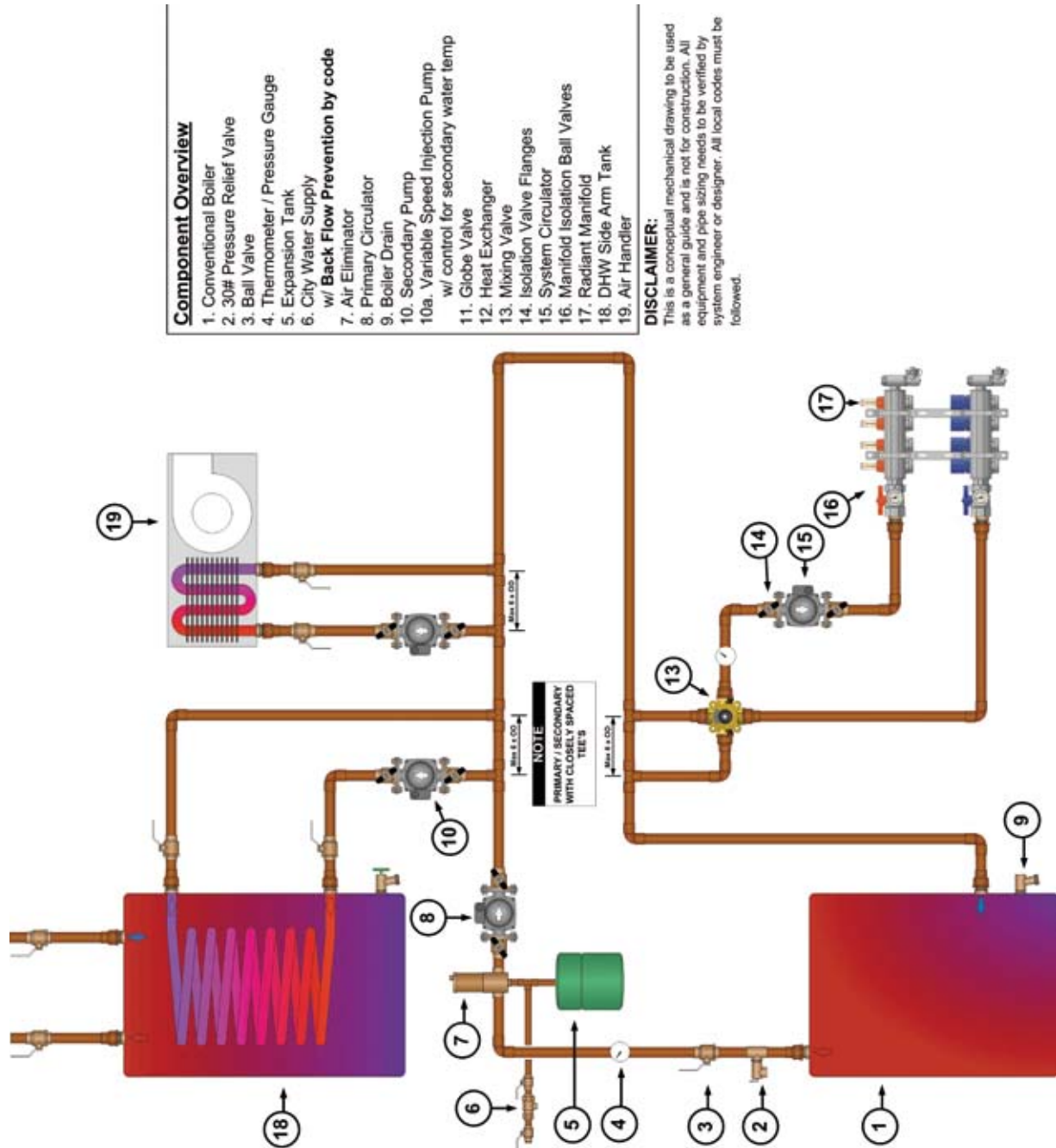
CONVENTIONAL BOILER WITH DHW, BASEBOARD, 2 TEMP MIXING



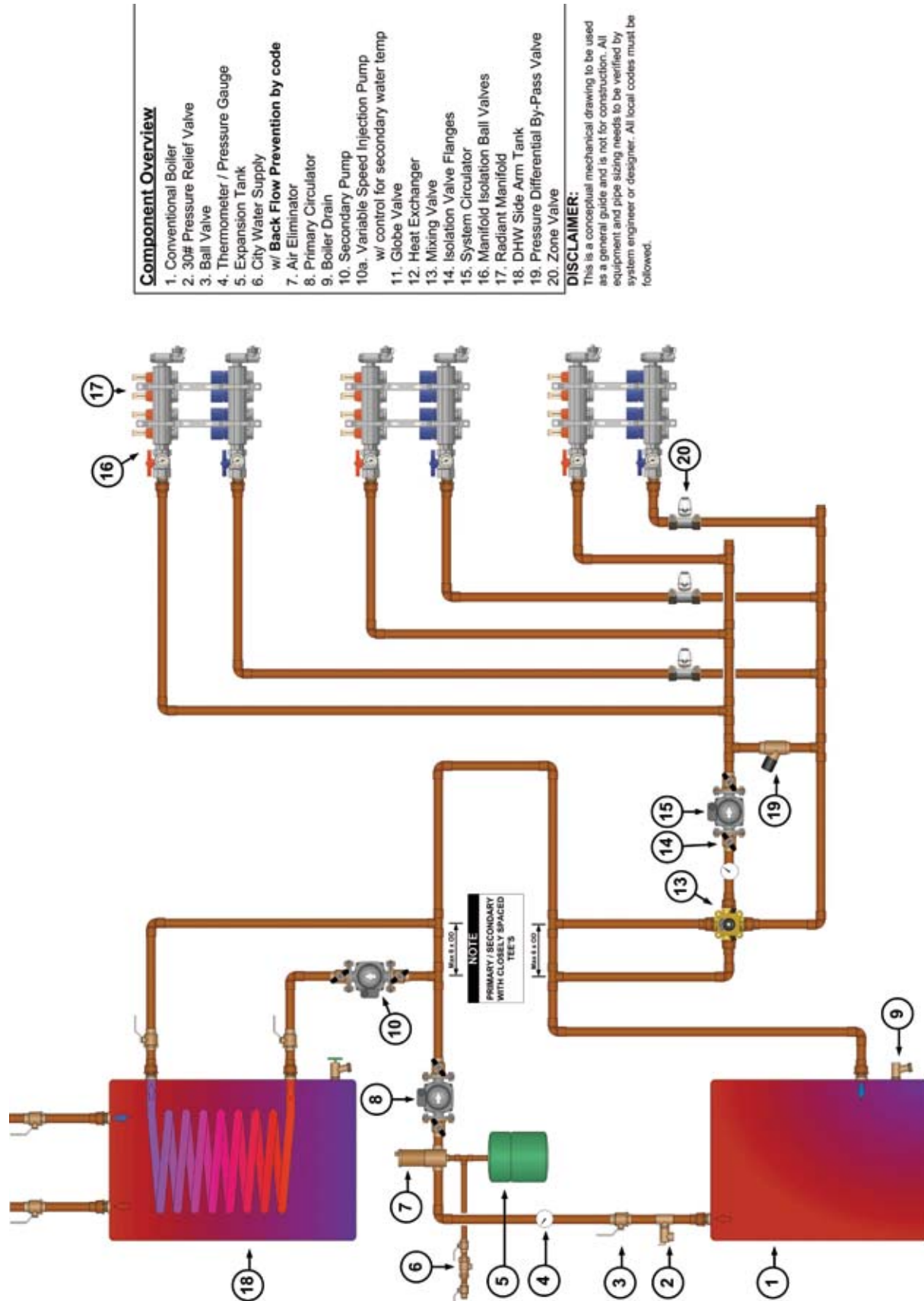
CONVENTIONAL BOILER WITH DHW, 1 TEMP MIXING



CONVENTIONAL BOILER WITH DHW, AIR HANDLER, 1 TEMP MIXING



CONVENTIONAL BOILER WITH DHW, 1 TEMP MIXING, ZONE VALVES



2 CONVENTIONAL BOILERS WITH DHW, AIR HANDLER, 1 TEMP MIXING

