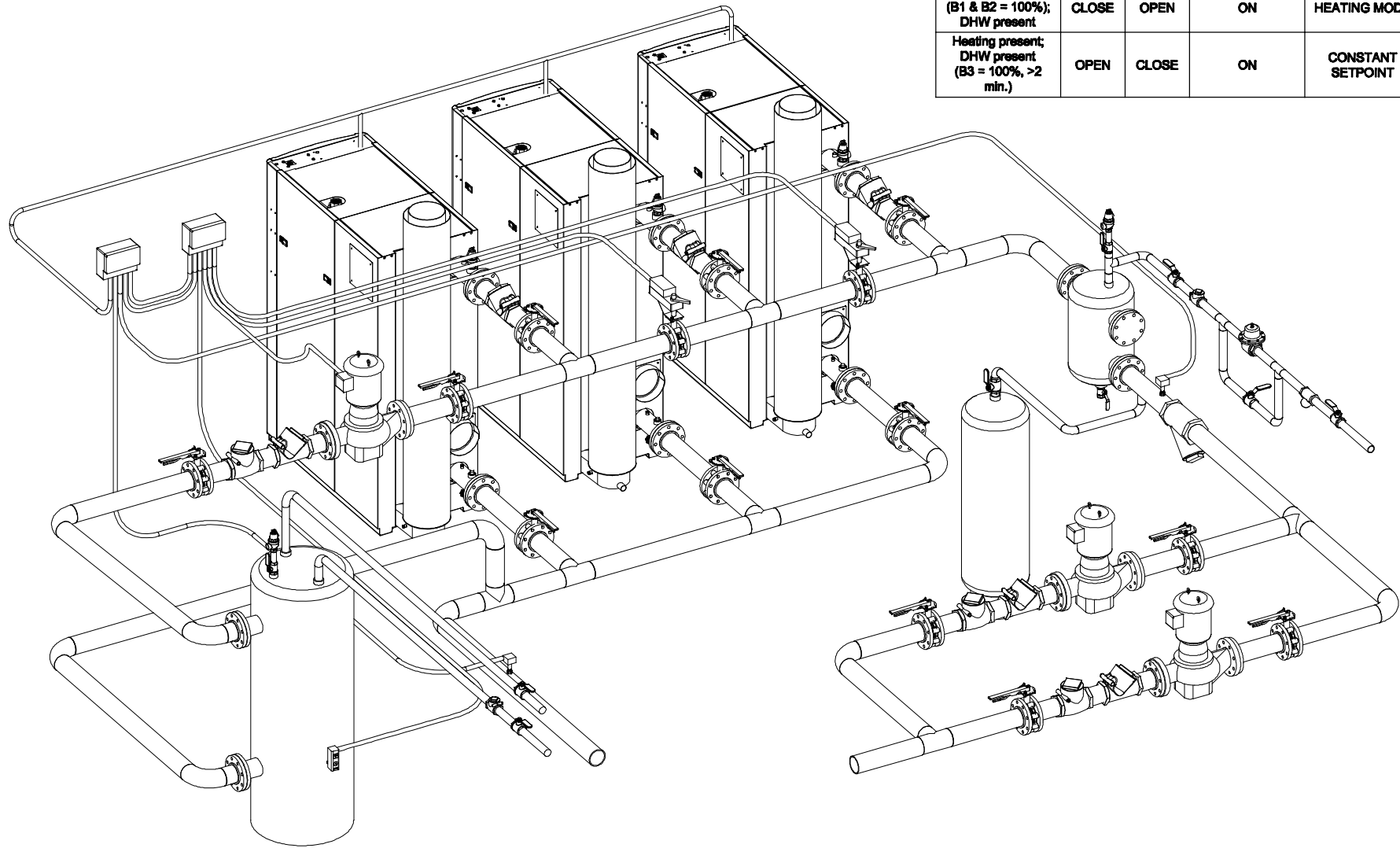


	V1	V2	COMBINATION SYSTEM PUMP	B2 - BLDG PRIORITY (SWING)	B3 - DHW PRIORITY
Heating + DHW loads present	CLOSE	OPEN	ON	HEATING MODE	CONSTANT SETPOINT
Heating load present (<100%); NO DHW	CLOSE	OPEN	OFF	HEATING MODE	STANDBY
Heating load present (B1 & B2 =100%); NO DHW	OPEN	OPEN	OFF	HEATING MODE	HEATING MODE
Heating load present (B1 & B2 = 100%); DHW present	CLOSE	OPEN	ON	HEATING MODE	CONSTANT SETPOINT
Heating present; DHW present (B3 = 100%, >2 min.)	OPEN	CLOSE	ON	CONSTANT SETPOINT	CONSTANT SETPOINT



- NOTES:
- SEE COMBINATION HEATING/DOMESTIC WATER HEATING APPLICATIONS GUIDE TAG-0050 AND WIRING DIAGRAM SD-A-885 FOR COMPLETE APPLICATION AND CONTROLS DETAILS.
 - THE ABOVE DIAGRAM DEPICTS THE COMBINATION HEATING/DOMESTIC WATER PIPING ONLY. FOR GAS PIPING AND THE REST OF THE WATER-SIDE PIPING DETAILS, SEE APPROPRIATE BENCHMARK BOILER PIPING SCHEMATIC.
 - FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE BOILER, SEE APPROPRIATE BENCHMARK BOILER DIMENSIONAL DRAWING.
 - THIS IS A TYPICAL INSTALLATION DRAWING. LOCAL CODES AND AUTHORITIES SHOULD BE CONSULTED.

AERCO INTERNATIONAL, INC. Blauvelt, NY 10913	
BENCHMARK BOILER – COMBINATION HEATING/DOMESTIC HOT WATER PIPING – DESIGNATED DHW BOILER(S) AND DESIGNATED BUILDING PRIORITY BOILER(S) APPLICATIONS	
DWN. BY <u> </u> PDR DATE <u>041612</u>	REV <u> </u>
SCALE <u>NTS</u>	SD-A-880 B
APPD. <u> </u> DATE <u> </u>	