NOTES:
1) RS485 wiring to use shielded twisted pair cable (beltron 9514 or equivalent).
2) Cabling must be terminated at both ends. The Benchmark Boilers have a built-in termination resistor of 120 ohms on the end of each unit. When wiring smart plate as an end of line unit, 120 ohm termination resistor must be placed across the smart plate module terminals.
3) RS485 bus; termination of end units required, use SW2-5 = "On" on end of line units only.
4) Only if used on applications.
5) Wiring shown is for constant speed boiler pumps; variable speed pumps voltage analog signal to be wired to L3, +/-30V terminals of each boiler.
6) Optional 2nd EACD.