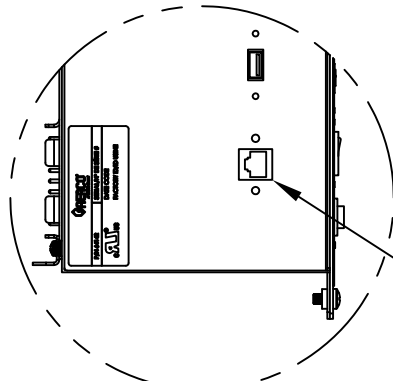



- NOTES:
- 1) RS485 WIRING TO USE SHIELDED TWISTED PAIR CABLE (BELDEN 9841 OR EQUIVALENT).
 - 2) BST BUS MUST BE TERMINATED ON BOTH ENDS. THE BENCHMARK BOILERS HAVE IN-BUILT TERMINATION RESISTOR AS PER SW3-2. SW3-2 = "ON" ON END OF LINE UNITS ONLY. WHEN WIRING SMART PLATE AS AN END OF LINE UNIT, 120 OHM TERMINATION RESISTOR MAY BE PLACED ACROSS THE END OF LINE SMARTPLATE TERMINALS.
 - 3) RS485 BAS: TERMINATION OF END UNITS REQUIRED. USE SW3-5 = "ON" ON END OF LINE UNITS ONLY.
 - 4) ONLY IF USED ON APPLICATIONS.
 - 5) WIRING SHOWN IS FOR VARIABLE SPEED PUMPS VOLTAGE ANALOG SIGNAL. TO BE WIRED TO J3: +/-AOUT TERMINALS OF BOILERS SHOWN.
 - 6) TO ENERGIZE A PUMP, USE SPARE 2 RELAY ON J7 OR PUMP RELAY ON SECONDARY POWER PANEL.
 - 7) OPTIONAL SECOND LWCO TO CONNECT TO J8 JUNCTION.
 - 8) FOR APPLICATION WITH 4-PORT BUFFER TANKS ONLY. SEE SECTION 4.8 OF TAG-0019 FOR FURTHER DETAILS
 - 9) SYSTEM REQUIRES A DHW TEMP SENSOR, AQUASTAT, OR BOTH. IF USING AN AQUASTAT (OPTIONAL), CONNECT TO TERMINALS 6 AND 7 OF J4 OF ADDRESSED BOILER.
 - 10) FOR REMOTE INTERLOCK PLANT SHUTDOWN, CONNECT TO TERMINALS 5 AND 6 OF J4 OF THE MANAGER BOILER. REMOTE INTERLOCK USE MUST BE SET TO "SYSTEM SHUTDOWN" OR "SH SHUTDOWN" AND ENABLED FOR REMOTE INTERLOCK PLANT SHUTDOWN TO FUNCTION.



EDGE CONTROLS PANEL LEFT SIDE SHOWN

ETHERNET PORT FOR onAER, BACnet IP AND/OR MODBUS TCP

		100 DRITANI DRIVE BLAUVELT, NY 10913 aerco.com	
BENCHMARK® PLATINUM W/ EDGE & BOILER/SMARTPLATE COMBINATION PLANT WITH VARIABLE SPEED BOILER PUMPS, SWING VALVES & BAS AND FIELD WIRING			
DWN.BY <u>K.S.</u> DATE <u>080619</u> SCALE _____ SIZE <u>B</u> CHKD. _____ APPD. _____ REV.BY <u>K.S.</u> DATE <u>122022</u>		SD-A-1189	
		REV. <u>F</u>	