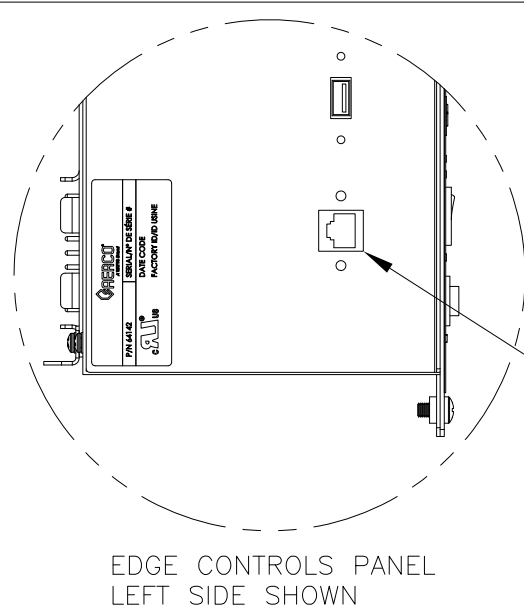


- NOTES:
- 1) RS485 WIRING TO USE SHIELDED TWISTED PAIR CABLE (BELDEN 9841 OR EQUIVALENT).
 - 2) BST BUS MUST BE TERMINATED ON BOTH ENDS. THE BENCHMARK BOILERS HAVE IN-BUILT TERMINATION RESISTOR AS PER SW2-2. SW2-2 = "ON" ON END OF LINE UNITS ONLY. WHEN WIRING SMART PLATE AS AN END OF LINE UNIT, 120 OHM TERMINATION RESISTOR MUST BE PLACED ACROSS THE SMART PLATE MODBUS 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 FOR REMOTE TEMPERATURE SIGNAL CONTROL.
 - 5) RETURN HEADER TEMP SENSOR AND SECOND LWCO ARE OPTIONAL.
 - 6) WIRING SHOWN IS FOR CONSTANT SPEED PUMP. VARIABLE SPEED PUMP VOLTAGE ANALOG SIGNAL TO BE WIRED TO J3: +/-AOUT TERMINALS.
 - 7) FOR SYSTEM PIPING, SEE INSTALLATION DRAWING #SD-A-1188.



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

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DWN.BY <u>K.S.</u> DATE <u>042319</u>		REV. <u>B</u>	
SCALE <u> </u> SIZE <u>B</u>		SD-A-1179	
CHKD. <u> </u> APPD. <u> </u>			
REV. DATE <u>K.S.-090919</u>			