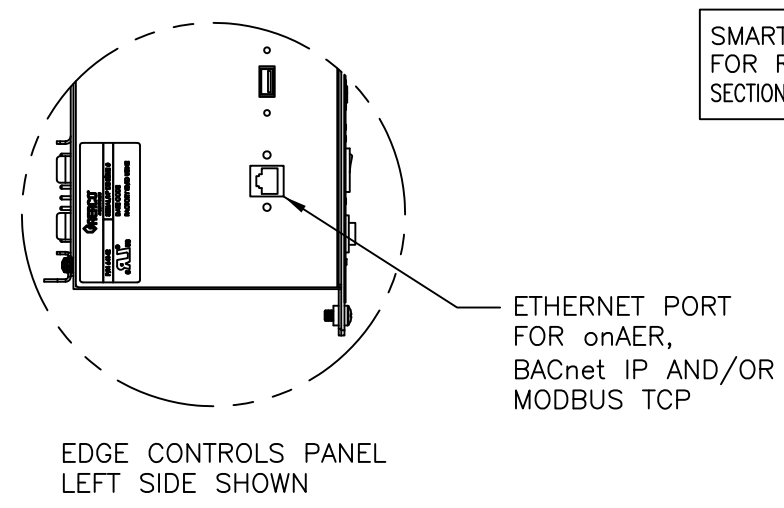


- NOTES:
- 1) RS485 WIRING TO USE SHIELDED TWISTED PAIR CABLE (BELDEN 9841 OR EQUIVALENT).
 - 2) BST BUS MUST BE TERMINATED ON BOTH ENDS. THE BENCHMARK BOILERS HAVE IN-BUILT TERMINATION RESISTOR AS PER SW3-2. SW3-2 = "ON" ON END OF LINE UNITS ONLY. WHEN WIRING SMART PLATE AS AN END OF LINE UNIT, 120 OHM TERMINATION RESISTOR 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. SECOND LWCO TO CONNECT TO J8 JUNCTION.
 - 6) FOR SYSTEM PIPING, SEE INSTALLATION DRAWING #SD-A-1204.
 - 7) SEE SECTION 4.6 OF TAG-0019 FOR FURTHER DETAILS.
 - 8) IF USING AN AQUASTAT (OPTIONAL), CONNECT TO TERMINALS 6 AND 7 OF J4 OF ADDRESSED BOILER.
 - 9) 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.



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DWN. BY <u>K.S.</u> DATE <u>042319</u>	SCALE _____ SIZE <u>B</u>	SD-A-1179	REV. <u>F</u>
CHKD. _____ APPD. _____			
REV. BY <u>K.S.</u> DATE <u>122022</u>			