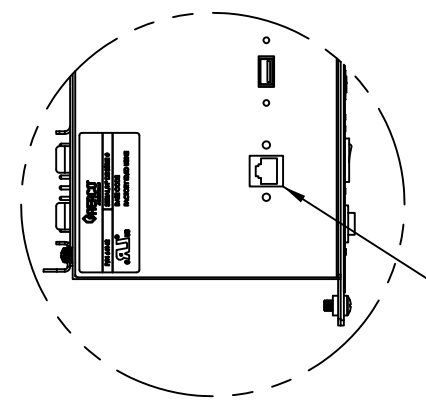


- NOTES:
- 1) RS485 WIRING TO USE SHIELDED TWISTED PAIR CABLE (BELDEN 9841 OR EQUIVALENT).
 - 2) BST BUS MUST BE TERMINATED ON BOTH ENDS. THE BENCHMARK BOILERS HAVE IN-BUILT TERMINATION RESISTOR AS PER SW3-2. SW3-2 = "ON" ON END OF LINE UNITS ONLY. WHEN WIRING SMART PLATE AS AN END OF LINE UNIT, 120 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-1188.
 - 7) SEE SECTION 4.6 OF TAG-0019 FOR FURTHER DETAILS.



EDGE CONTROLS PANEL
LEFT SIDE SHOWN

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

SMARTPLATE
FOR REFERENCE SEE
SECTION 2.6.1 OF OMM-0147

SMARTPLATE
FOR REFERENCE SEE
SECTION 2.6.1 OF OMM-0147

	100 DRITANI DRIVE BLAUVELT, NY 10913 aerco.com	
	BENCHMARK® PLATINUM W/ EDGE & BOILER/SMARTPLATE COMBINATION PLANT, SWING VALVES, PRIMARY VARIABLE, BAS AND FIELD WIRING	
DWN.BY K.S. DATE 042319 SCALE _____ SIZE B CHKD. _____ APPD. _____ REV.DATE K.S.-062022	SD-A-1179	REV. D