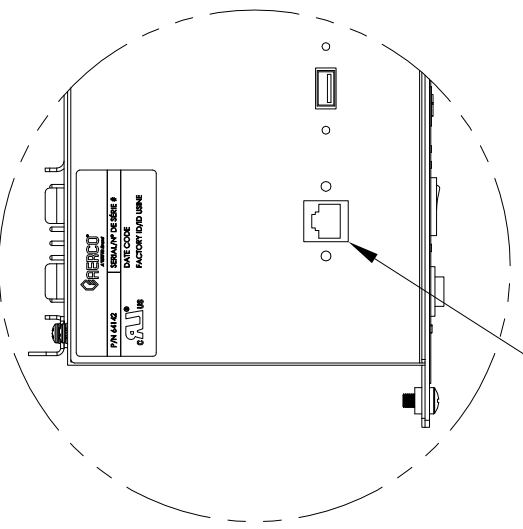


RS485 BAS:
BACNET MSTP,
MODBUS RTU,
PROTONODE (LONWORKS ONLY)

----- FACTORY WIRED
————— FIELD WIRED




EDGE CONTROLS PANEL
LEFT SIDE SHOWN

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

SMARTPLATE
FOR REFERENCE SEE
DWG.# SD-A-769
(SEE NOTE 4)

SMARTPLATE
FOR REFERENCE SEE
DWG.# SD-A-769
(SEE NOTE 4)

- 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.
 - 5) OPTIONAL 2ND LWCO.

		100 DRITANI DRIVE BLAUVELT, NY 10913 aerco.com	
EDGE CONTROLS ONBOARD BOILER SEQUENCING TECHNOLOGY COMBINATION PLANT W/ BST & SWING VALVES, BAS AND FIELD WIRING			
DWN.BY <u>K.S.</u> DATE <u>102918</u> SCALE _____ SIZE <u>B</u> CHKD. _____ APPD. _____ REV.DATE <u>K.S.-080519</u>		SD-A-1170	
			C