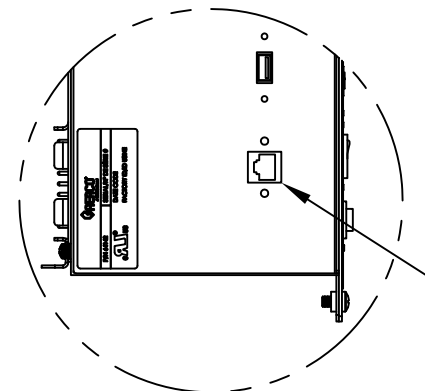



(SEE NOTE 4) SPACE HEATING RETURN HEADER TEMP SENSOR (DUAL BEAD)
 OUTDOOR TEMP SENSOR (DUAL BEAD)
 SPACE HEATING SUPPLY HEADER TEMP SENSOR (DUAL BEAD)
 DWH TEMP SENSOR (DUAL BEAD)
 (SEE NOTE 4) REMOTE ANALOG SPACE HEATING SIGNAL
 (SEE NOTE 4) (SWITCH #2 ON, SEE NOTE #2)
 (SWITCH #5 ON, SEE NOTE #3)
 (SEE NOTE 5) SECOND LWCO
 (SEE NOTE 2) SMARTPLATE FOR REFERENCE SEE SECTION 2.6.1 OF OMM-0147
 (SEE NOTE 5) SECOND LWCO
 (SEE NOTE 5) SECOND LWCO

- 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 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) OPTIONAL SECOND LWCO TO CONNECT TO J8 JUNCTION.
 - 6) FOR SYSTEM PIPING, SEE INSTALLATION DRAWING #SD-A-1205 OR SECTION 4.10 OF TAG-0019.



EDGE CONTROLS PANEL LEFT SIDE SHOWN

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

| | | |
|--|-----------|--|
|  | | 100 DRITANI DRIVE aerco.com BLAUVELT, NY 10913 |
| EDGE CONTROLS ONBOARD BOILER SEQUENCING TECHNOLOGY, BAS AND FIELD WIRING | | |
| DWN.BY <u>K.S.</u> DATE <u>102918</u> SCALE _____ SIZE <u>B</u> CHKD. _____ APPD. _____ REV.BY <u>K.S.</u> DATE <u>062122</u> | SD-A-1174 | REV. <u>E</u> |