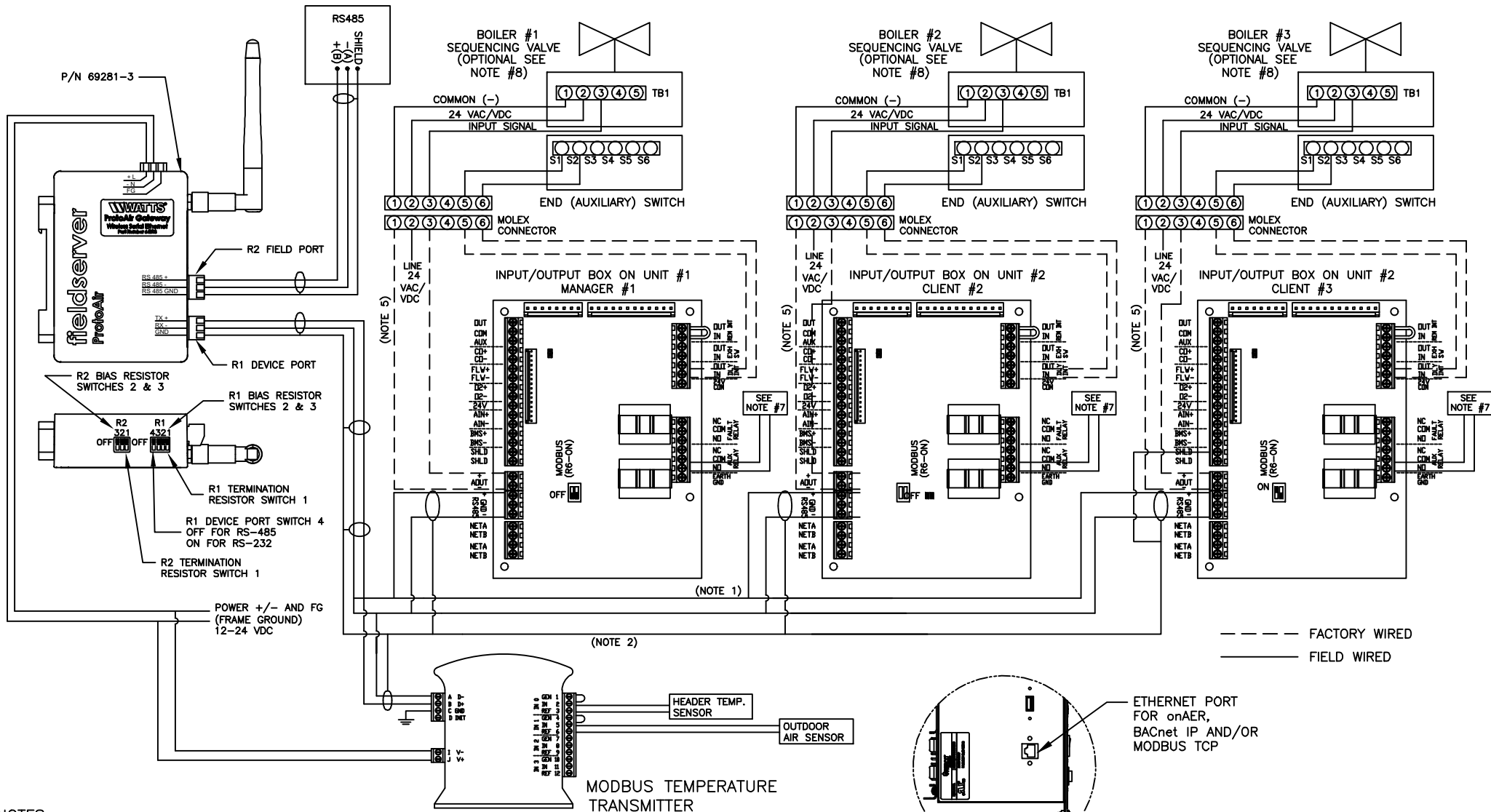
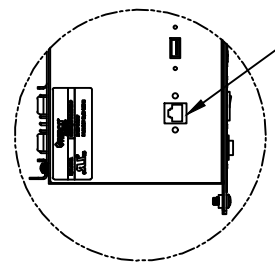


BUILDING AUTOMATION SYSTEM




NOTES:

- 1) WIRING TO BE SHIELDED TWISTED PAIR CABLE (BELDEN 9841 OR EQUIVALENT).
- 2) TERMINATE SHIELDS ON ONE I/O BOX ONLY (EITHER OF THE END UNITS OF THE CHAIN).
- 3) ON THE R1 DEVICE PORT SET SWITCH 4 TO "OFF" FOR RS485 COMMUNICATION AND SET THE R1 TERMINATION RESISTOR SWITCH 1 TO "ON" AND BOTH BIAS RESISTOR SWITCH 2 AND 3 TO "ON".
- 4) ON THE I/O BOARD INSIDE THE I/O BOX OF THE LAST UNIT ON THE CHAIN, TURN THE DIPSWITCH LABELED MODBUS (R6-ON) TO THE "ON" POSITION.
- 5) SEQUENCING VALVE POWER AND CONTROL WIRING IS SUPPLIED BY AERCO.
- 6) IF TERMINATION IS NEEDED AT R2 FIELD PORT CONNECTION TO THE BUILDING AUTOMATION SYSTEM (BAS), ACTIVATE THE R2 TERMINATION RESISTOR SWITCH 1. SEE OMM-0172 MANUAL FOR MORE DETAILED INFORMATION ON THE PROTOAIR.
- 7) USE AUX RELAY TERMINALS AS SHOWN TO ACTIVATE ANCILLARY DEVICES (E.G. COMBUSTION AIR DAMPER, EXHAUST DAMPER, ETC.). IF DEVICE HAS A PROVING/END SWITCH, END SWITCH WIRING MUST BE INSTALLED IN SERIES WITH BST VALVE'S END SWITCH WIRING.
- 8) IF SEQUENCING VALVE IS PURCHASED FROM AERCO, VALVE IS ALREADY FACTORY WIRED.
- 9) EDGE [i] NEEDS PROTOAIR TO COMMUNICATE WITH BAS FOR BACNET MSTP OR MODBUS RTU PROTOCOLS.



EDGE [i] CONTROL PANEL LEFT SIDE SHOWN

		100 ORITANI DRIVE BLAUVELT, NY 10913 aerco.com	
C-MORE/EDGE [i] CONTROLS ONBOARD BOILER SEQUENCING TECHNOLOGY WITH PROTOAIR AND BAS, FIELD WIRING DIAGRAM (24VAC) MODBUS CHANNEL DEVICE			
DWN.BY <u>K.S.</u> DATE <u>021825</u>		REV. <u>A</u>	
SCALE _____ SIZE <u>A</u>		SD-A-1356	
CHKD. _____ APPD. _____			
REV. DATE _____			