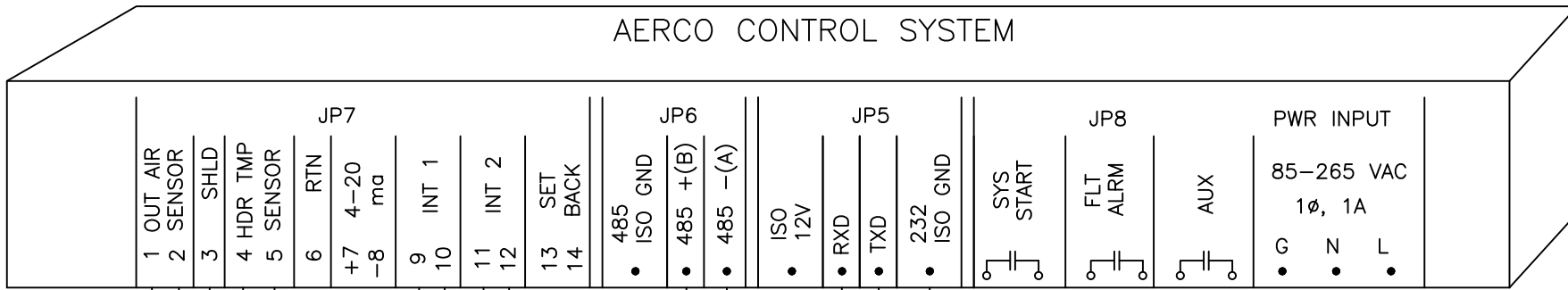


AERCO CONTROL SYSTEM



OUTSIDE AIR TEMP. SENSOR (NOTE 3)

HEADER TEMP. SENSOR

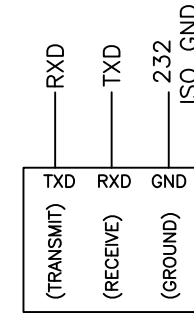
JPR JPR

SEE BAS WIRING

BUILDING AUTOMATION SYSTEM (BAS) WIRING

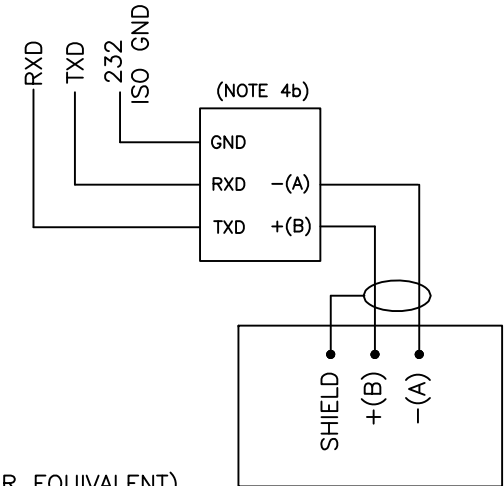
ACS JP5

ACS JP5



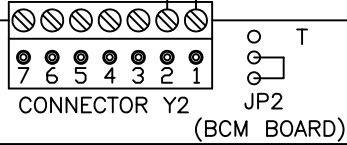
BAS RS232

(NOTE 4b)

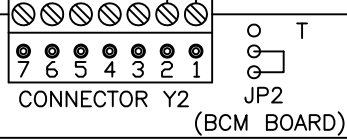


BAS RS485

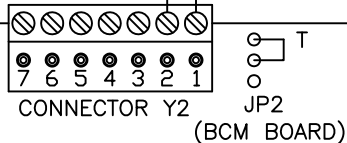
(NOTES 1, 2)



INPUT/OUTPUT BOX ON BOILER #1



INPUT/OUTPUT BOX ON BOILER #2



INPUT/OUTPUT BOX ON LAST BOILER - (SEE NOTE 6)

NOTES

1. WIRING TO BE SHIELDED TWISTED PAIR CABLE (BELDEN 9841 OR EQUIVALENT).
2. TERMINATE SHIELDS AT THE SOURCES ONLY, DO NOT CONNECT AT THE BOILERS.
3. OUTDOOR AIR SENSOR IS USED ONLY FOR INDOOR/OUTDOOR RESET APPLICATIONS.
4. ACS COMMUNICATES WITH BUILDING AUTOMATION SYSTEM (BAS) VIA RS232.
 - a. FOR BAS WITH RS232 COMMUNICATIONS, CONNECT THE BAS TRANSMIT (TXD) TO THE ACS RECEIVE (RXD) TERMINAL; CONNECT THE BAS RXD TERMINAL TO THE ACS TXD TERMINAL; CONNECT BAS GND TO ACS GND.
 - b. FOR BAS WITH RS485 COMMUNICATIONS, USE AN RS232/RS485 CONVERTER (AERCO P/N 124943) BETWEEN THE ACS AND BAS. FOLLOW WIRING INSTRUCTIONS SUPPLIED WITH P/N 124943.
5. ON THE BCM BOARD OF THE LAST BOILER ONLY, POSITION THE JUMPER ON JP2 AS SHOWN.
6. ACTIVATE BIAS SWITCHES ON ACS.



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ACS TO MODULEX
(WITH UFLY CONTROLLER)
WIRING DIAGRAM

DWN.BY K.S. DATE 112723
SCALE NTS
APPD. _____ DATE _____

SD-A-1337

REV.
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