



NOTES:

- 1. BOILER VALVE CONTROLLER: AERCO P/N 64097
- MAXIMUM VALVE LOAD = 1 AMP PER VALVE; 30 AMP INRUSH PER VALVE
- 2. CONTROL PANEL CONTACTS RATED FOR MAXIMUM OF 2 AMPS.
- 3. WIRES TO BE 16 AWG.
- 4. MOTORIZED VALVES ELECTRICAL REQUIREMENTS: 24VAC
- 5. BLR RELAY TERMINALS ON THE BOILER VALVE CONTROLLER ARE POWERED (24VDC).
- 6. MOV TERMINALS ON THE BOILER VALVE CONTROLLER ARE POWERED (24VAC).
- 7. DLY INT TERMINALS ON THE BOILER I/O BOX ARE DRY CONTACTS.
- 8. PREFERRED MOTORIZED VALVES SHALL BE FAIL OPEN, POWER CLOSED.
- 9. MOTORIZED VALVES MUST HAVE A PROOF OF OPEN END SWITCH
- 9.1. END SWITCH MAKES WHEN VALVE PHYSICALLY OPENS. THIS WILL CLOSE THE DELAYED INTERLOCK IN THE I/O BOX AND ALLOW THE BOILER TO FIRE.
- 9.2. END SWITCH BREAKS WHEN VALVE PHYSICALLY CLOSES. THIS WILL OPEN THE DELAYED INTERLOCK AND PROHIBIT THE BOILER FROM FIRING.
- 10. THE AUX START ON DELAY MUST BE PROGRAMMED IN THE C-MORE. THE DELAYED INTERLOCK MUST BE CLOSED BEFORE THIS TIME LAPSES, OTHERWISE, THE BOILER WILL LOCKOUT AND GO TO A FAULT.

AERCO INTERNATIONAL, INC. 07647

AERCO MOTORIZED ISOLATION VALVE 24V 4-BOILER CONTROL PANEL WIRING DIAGRAM

DWN.BY <u>CZ</u> DATE 111411		REV.
SCALE <u>NTS</u> APPD DATE	SD-A-876	В