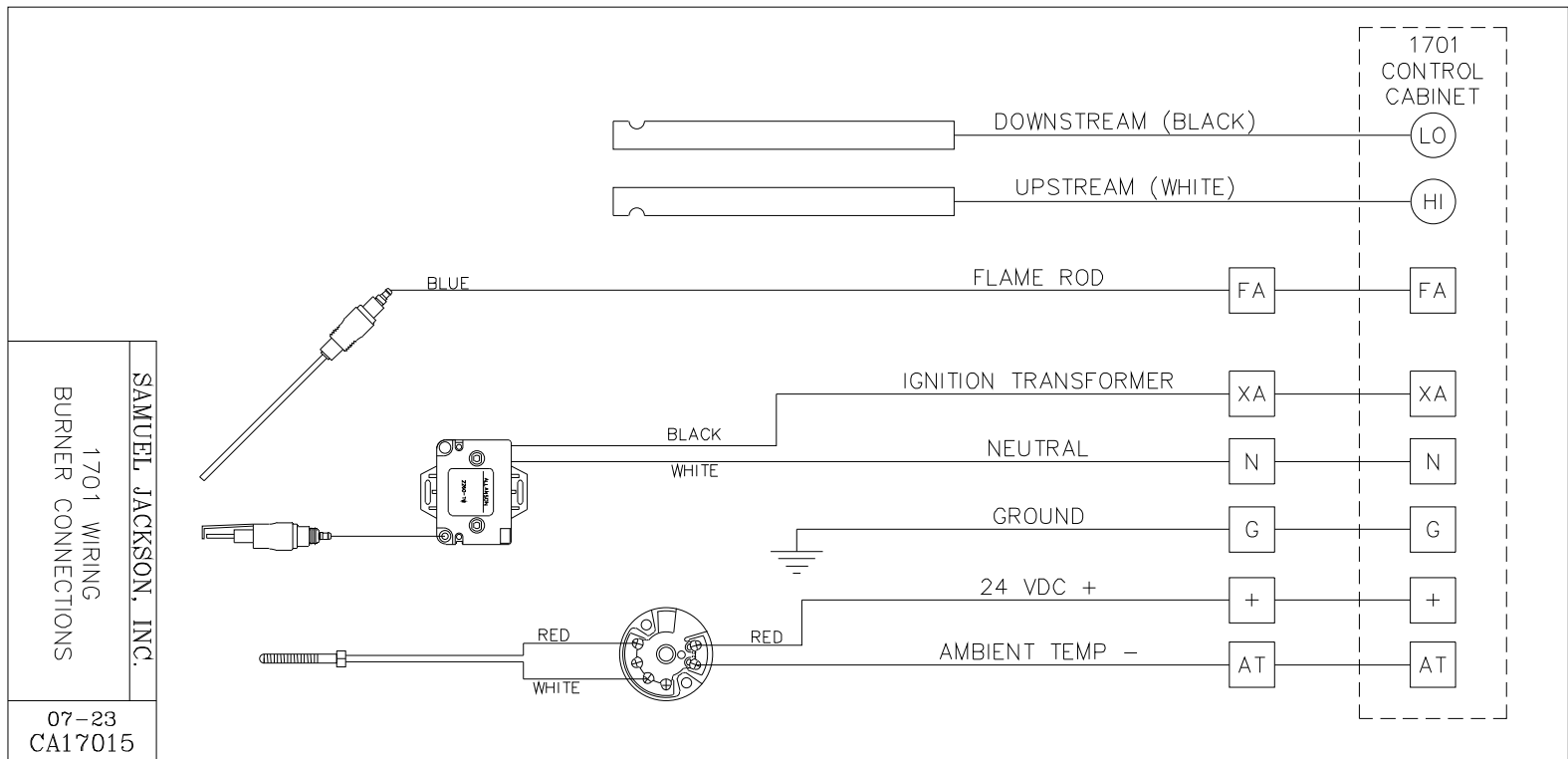


SAMUEL JACKSON, INC.
 ELECTRICAL SCHEMATIC
 WITH ANALOG PLC I/O
 FOR HG-1-1701
 1-MILLION BTU HEATER

CA17011D
 07-23



SAMUEL JACKSON, INC.
 1701 WIRING
 BURNER CONNECTIONS

07-23
 CA17015

EXTERNAL ELECTRICAL CONNECTIONS

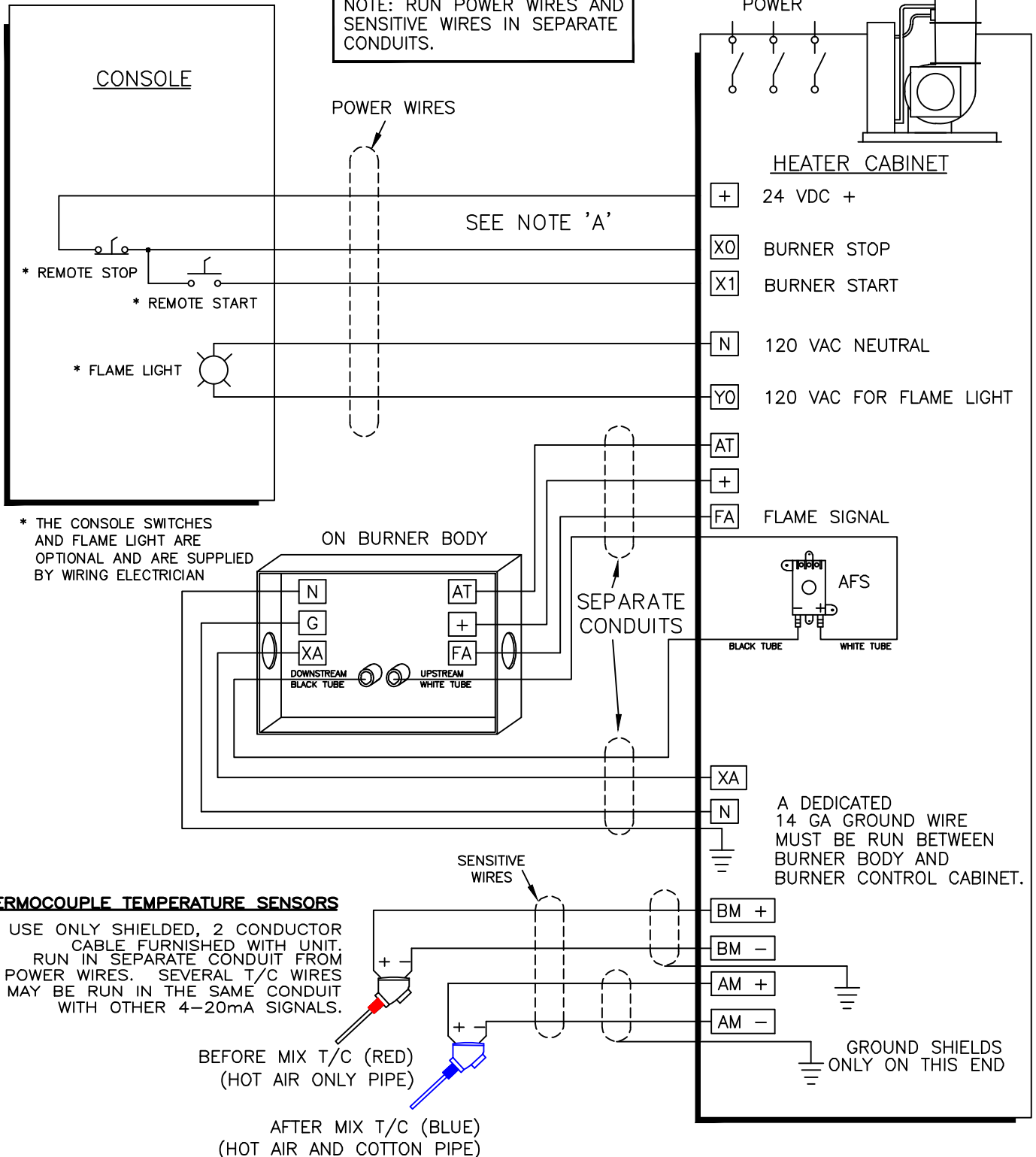
HG-1-1701

GAS FIRED HEATER

CA17012
12-21

* A REMOTE START/STOP CONTROL MAY BE PURCHASED FROM SAMUEL JACKSON, INC. OR SUPPLIED BY WIRING ELECTRICIAN

NOTE: RUN POWER WIRES AND SENSITIVE WIRES IN SEPARATE CONDUITS.



* THE CONSOLE SWITCHES AND FLAME LIGHT ARE OPTIONAL AND ARE SUPPLIED BY WIRING ELECTRICIAN

THEMOCOUPLE TEMPERATURE SENSORS

USE ONLY SHIELDED, 2 CONDUCTOR CABLE FURNISHED WITH UNIT. RUN IN SEPARATE CONDUIT FROM POWER WIRES. SEVERAL T/C WIRES MAY BE RUN IN THE SAME CONDUIT WITH OTHER 4-20mA SIGNALS.

BEFORE MIX T/C (RED)
(HOT AIR ONLY PIPE)

AFTER MIX T/C (BLUE)
(HOT AIR AND COTTON PIPE)

NOTE 'A': IF A REMOTE START-STOP SWITCH IS INSTALLED, THE JUMPER BETWEEN TERMINALS + & X0 MUST BE REMOVED