
Transaction Drawer Double Heater Kit Manual

E. F. Bavis & Associates, Inc.

201 Grandin Road
Maineville, Ohio 45039
(513) 677-0500

Transaction Drawer™ Heater Installation

Table of Contents

Installation Instructions.....	1
Operation Instructions.....	2
Figure #1.....	3
Figure #2.....	4
Figure #3.....	5
Wiring Schematic.....	6

Installation Instructions

Tools Needed:

5/16" Wrench or Nut Driver
Flat Blade Screwdriver
1/4" Wrench or Nut Driver
7/16" Wrench or Ratchet

Installation Procedure

Disconnect power from Transaction Drawer. Activate the "In" button and then the "Out" button to discharge the board capacitor. Remove back panel from drawer. There are (3) screws across the top of the panel and the (2) screws across the bottom.

With the drawer fully retracted, remove the (2) 1/4-20 nuts connecting the TD drive nut plate to the Red Bin Assembly. (Note: Use caution when removing drive nut plate as Red Bin will slide completely out of TD Shell)

Remove Red Bin Assembly from TD Shell at Customer end. Clean the bottom surface of the bin that the heater will be applied to. Windex or similar cleaners work best. Do not use lacquer thinner or other solvents. Mark the location of the heater as shown in Figure #1. Peel the protective paper from the back of the heater and press firmly on the bottom of the drawer with the leads orientated as shown in Figure #1.

Stick a wire tie block on the inside of the red bin as shown in Figure #2. Secure the heater lead with the wire tie provided.

Install the cable carrier in the bottom of the drawer as shown in Figure #2. Note that a stud is provided from the factory for this purpose. Remove the 1/4-20 nut from the stud. Place the bracket over the stud and secure with the nut.

Roll the free end of the cable carrier to the rear of the drawer. Reinstall the red bin. Secure the red bin with the nut plate. It is important to properly center the bin using the nut plate. With the plate slightly loose slide the bin all the way to the right and the plate all the way to the left. Mark with a Sharpie or pencil. Repeat to the opposite side. Center the nut plate between these marks and tighten the nuts. Place the bracket on the free end of the cable carrier over the studs against the nuts on the nut plate. Secure with the nuts provided. Secure the wiring with the wire ties in the holes provided as shown in Figure #2.

Run the heater wire outside the drawer.

Mount the heater power supply to the side of the drawer, drill holes if necessary with the bit provided, after checking that holes and screws will not damage or interfere with drawer operation, and secure with the #8x3/8" hex headed thread forming screws provided. (Note: the E.F. Bavis All-In-One series windows have studs provided, see Figure #3 for location)

Wire the heater power supply to a 120V circuit following NEC and all local codes. 6" 16ga leads are provided for the power connection.

Plug the heater wire into the back of the heater power supply.

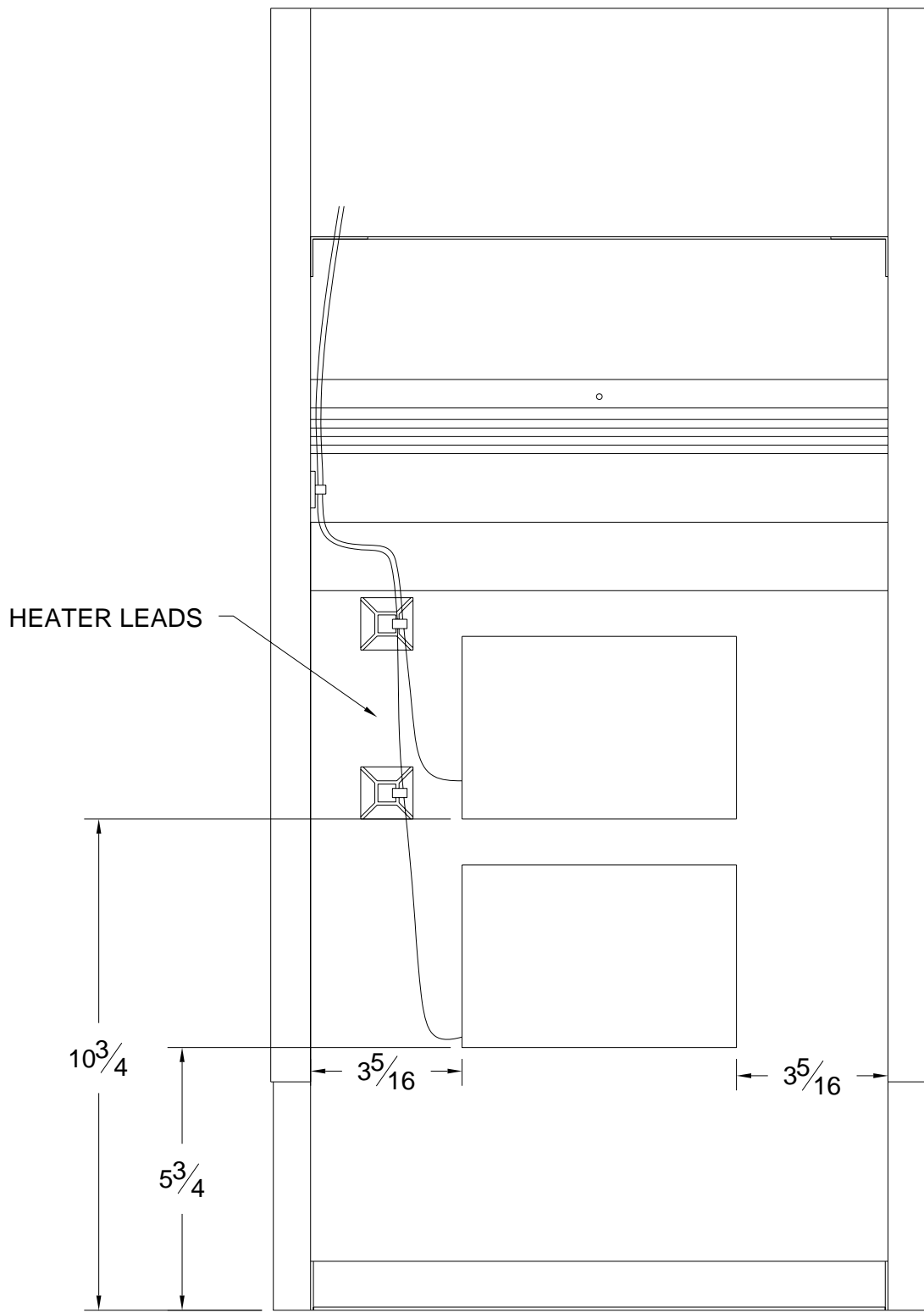
Heater Operation

Turn on with the rocker switch on the face of the heater power supply. The switch should illuminate.

The drawer will get warm to the touch. The heater is powered from low voltage and protected by a 4 amp *circuit breaker* in the heater power supply. The heater is controlled by a non-adjustable thermostat. A non replaceable over-temperature device is built in to the heater to protect against thermostat failure.

Parts Supplied:

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	TD Heater Kits	2
2	Wire Tie Blocks	4
3	Wire Ties	10
4	Cable Carrier Assembly	1
5	1/4 " nuts	2
6	#8 x 3/8 Thread Forming Screws	8



UNDERSIDE VIEW OF RED BIN

FIGURE #1

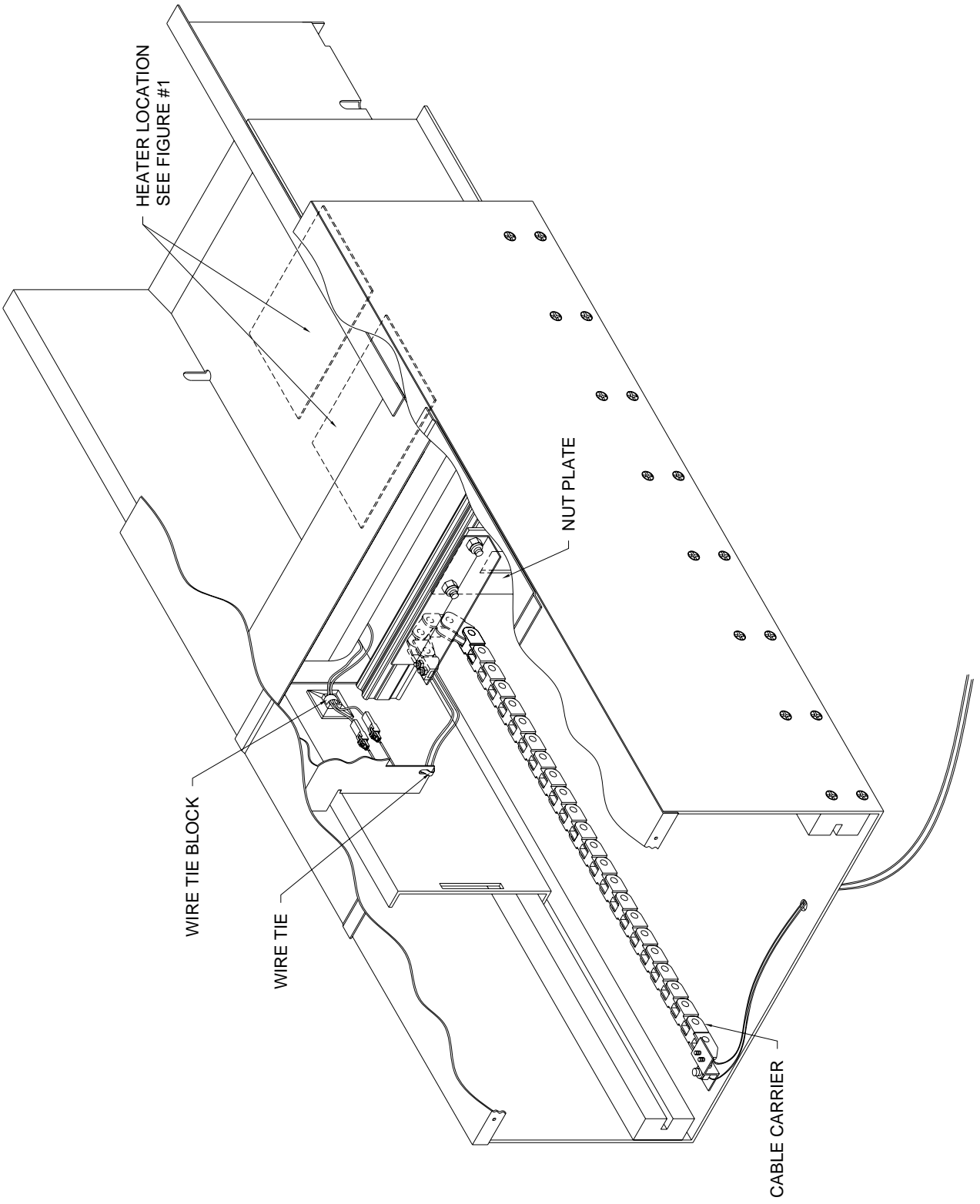


FIGURE #2

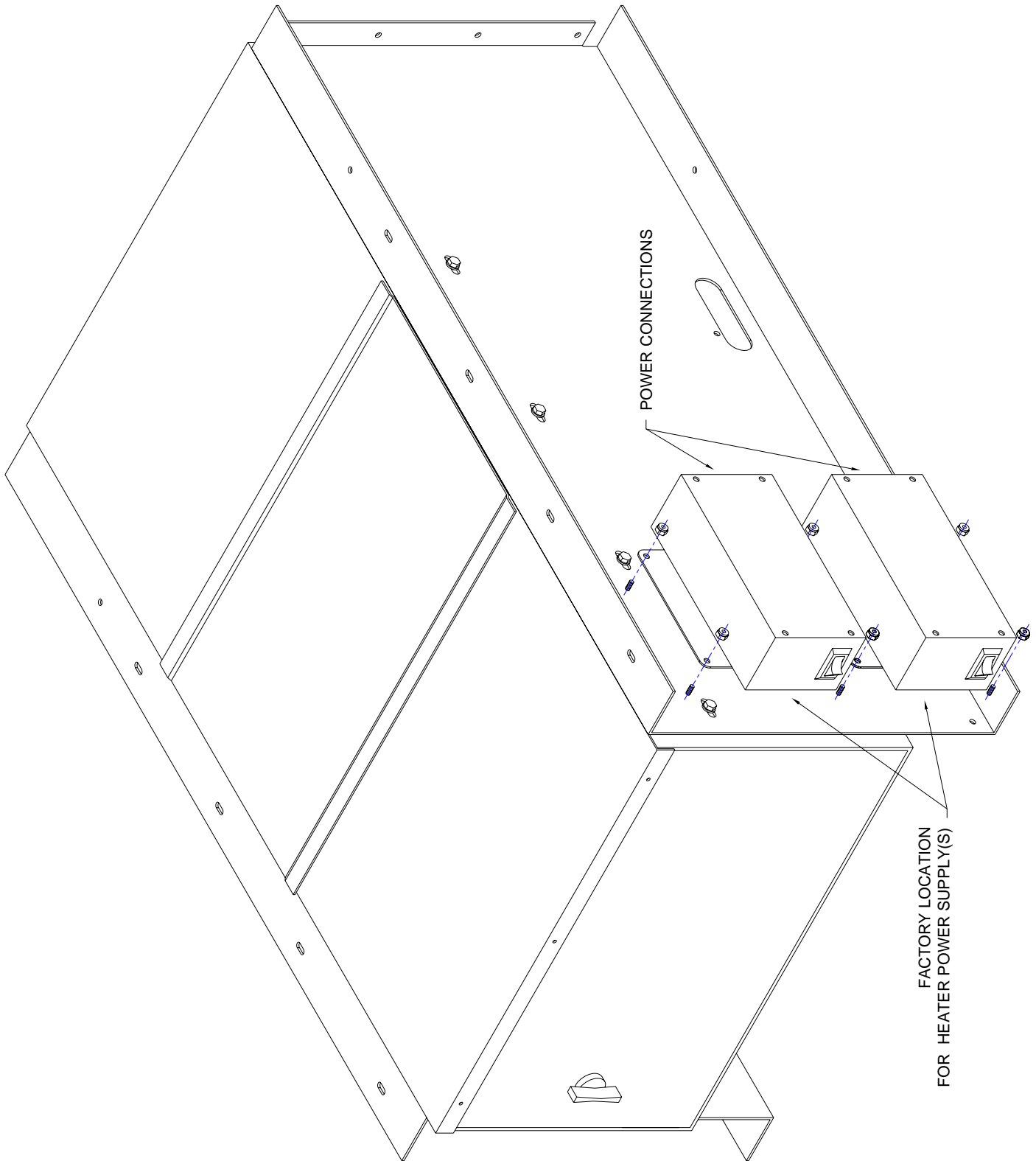
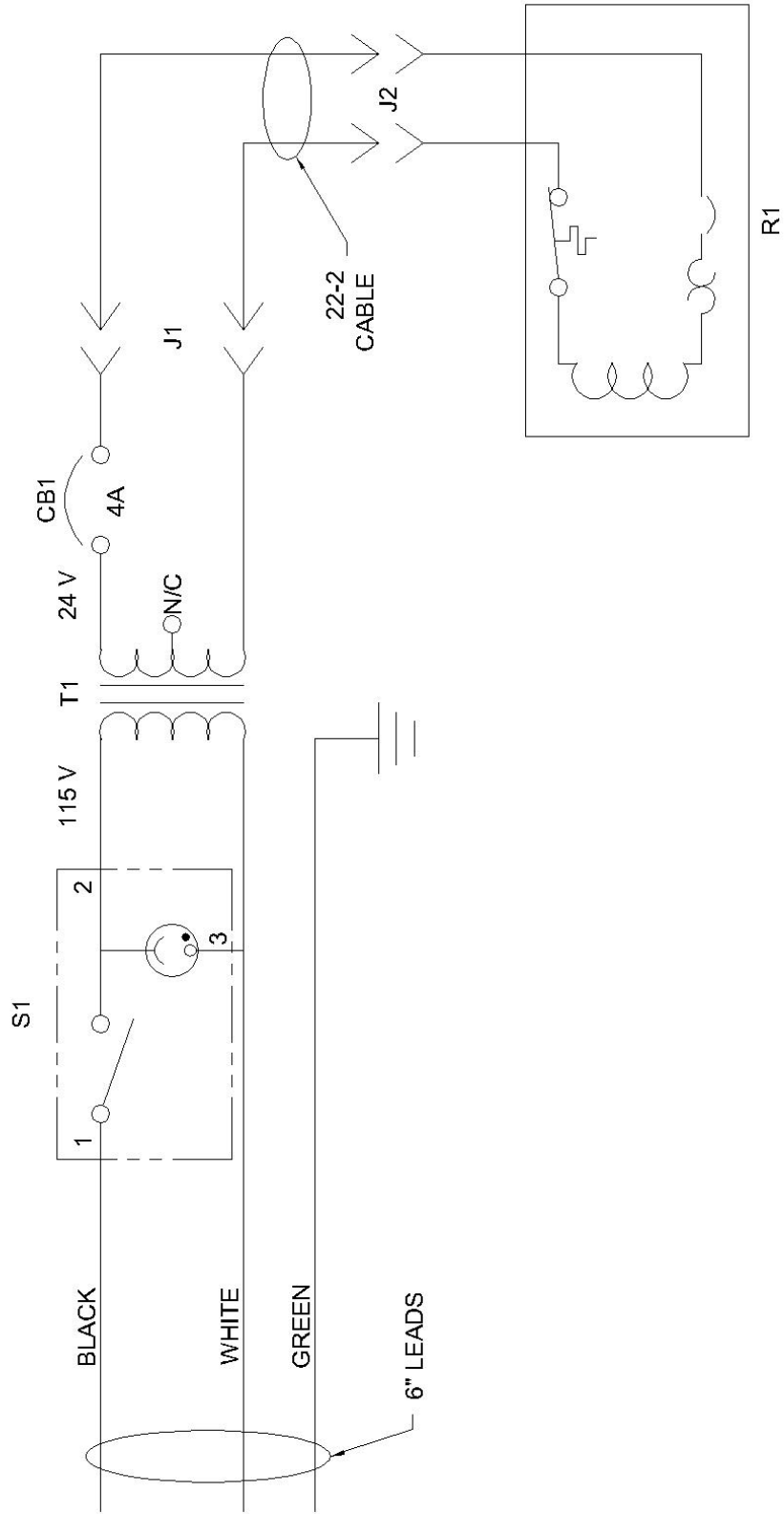


FIGURE #3



WIRING SCHEMATIC