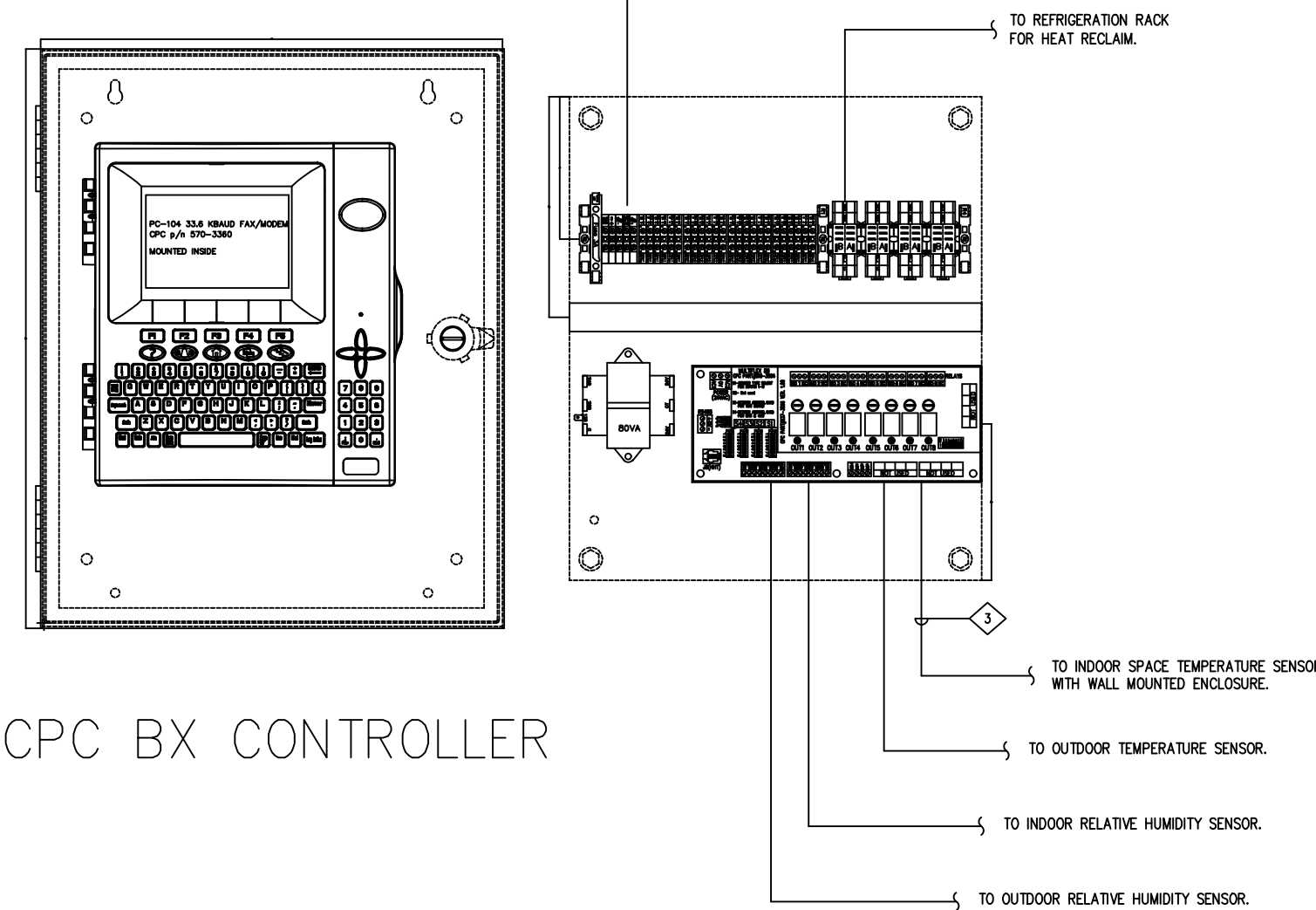


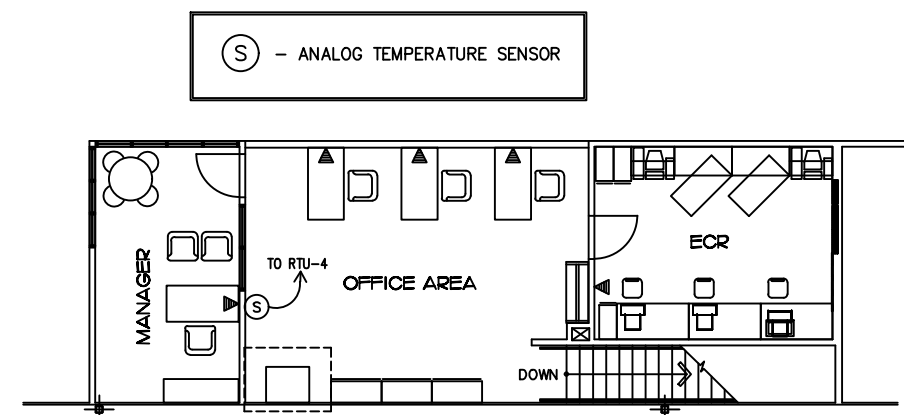
NOTICE:
* - CONTROL BOARD INSTALLED BY RTU OEM.

HVAC ROOF TOP UNITS typical Installation

NOTICE:
SEE SHEET EM-1 FOR KEY NOTE
NOTE LEGEND: DESCRIPTION



CPC BX CONTROLLER



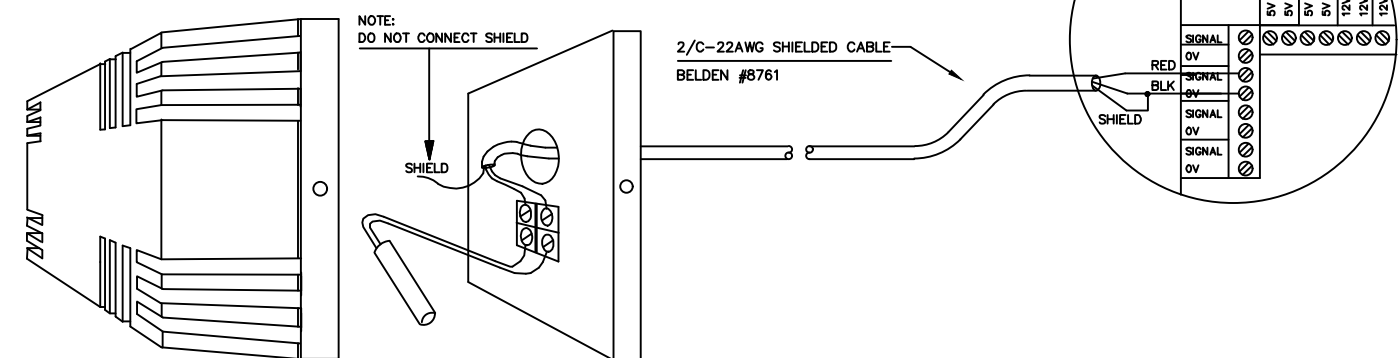
ENERGY MANAGEMENT TERMINATION PLAN - MEZZANINE

NOTES:

1. EMERSON RETAIL TECHNOLOGIES TO SPECIFY LOCATION OF ZONE TEMPERATURE SENSOR.
2. CONTRACTOR TO PROVIDE AND MOUNT WIRE BOX FOR ZONE TEMPERATURE SENSOR AND TO PROVIDE ANY NECESSARY CONDUIT FROM WIRE BOX TO TYPICAL ZONE TEMPERATURE SENSOR FOR THE AREA WHICH IT SERVES.
3. CONTRACTOR TO SUPPLY AND MOUNT ZONE TEMPERATURE SENSOR ON HANGY BOX AND TERMINATE CABLE AT ZONE TEMPERATURE SENSOR AND AT RTU BOARD.
4. MOUNT AT A LOCATION THAT WILL ACCURATELY REPRESENT THE AREA TO BE CONTROLLED. SEE ESD-46.
5. MOUNT 7'-11" ABOVE FINISHED FLOOR ON A COLUMN THAT WILL GIVE TRUE AMBIENT TEMPERATURE MEASUREMENT FOR THE AREA SERVED.
6. DO NOT USE THE LOCATION OF AN EXISTING THERMISTAT AS A GUIDE, AS IT MAY NOT BE IN A GOOD LOCATION.
7. DO NOT SOLDER OR USE WIRE NUTS FOR JUNCTIONS. USE BUTT CONNECTOR (PIN WELD) FOR SPACES.
8. KEEP SPACES TO A MINIMUM AND ALWAYS MAINTAIN COLOR CODING.
9. CABLES SHOULD BE PERMANENTLY NUMBERED AT BOTH ENDS WITH STANDARD NUMBERED WIRE MARKERS BY ELECTRICAL CONTRACTOR.
10. CABLES MAY BE RUN EXPOSED (CODE PERMITTING) WHERE THEY WILL NOT BE SUBJECT TO DAMAGE, USE CONDUIT WHERE DAMAGE MAY OCCUR.
11. DO NOT RUN ANALOG SENSOR WIRING WITHIN CONDUIT CONTAINING LINE VOLTAGE OR CONTROL WIRING.

ZONE (INDOOR) TEMPERATURE SENSOR

TYPICAL AI TERMINATION ON 16AI BOARD



2 EINSTEIN CONTROL SYSTEM -- MEZZANINE (TYPICAL)

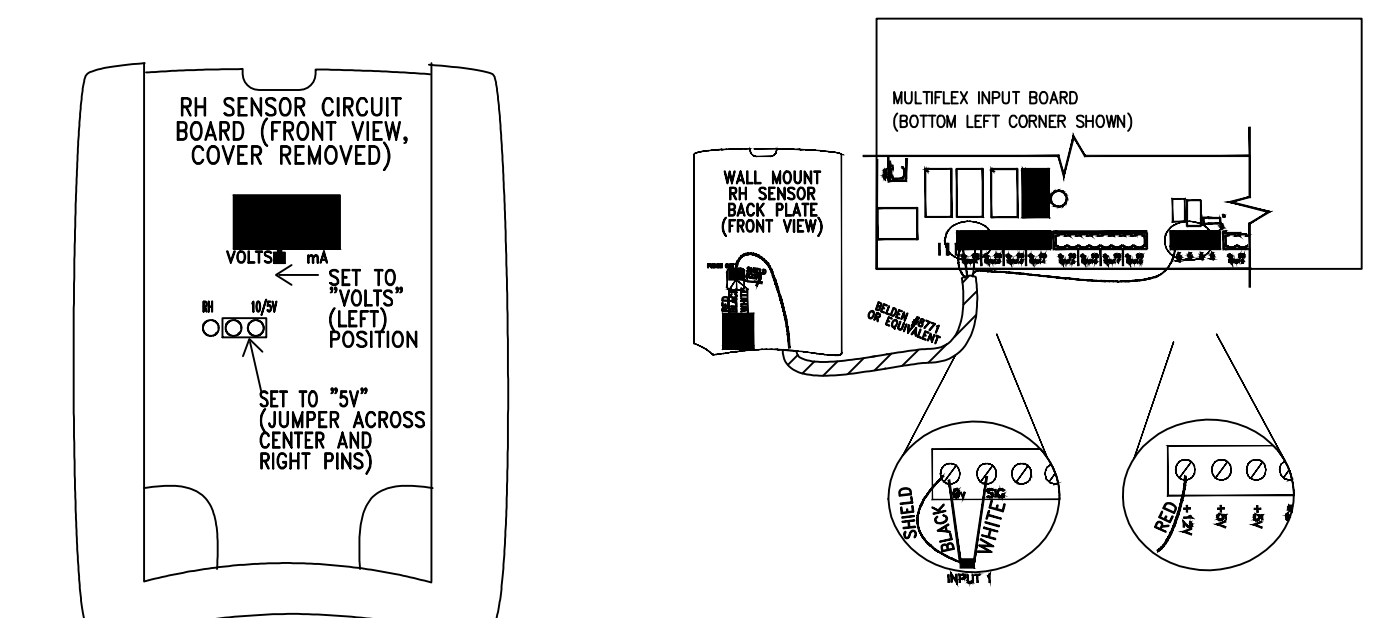
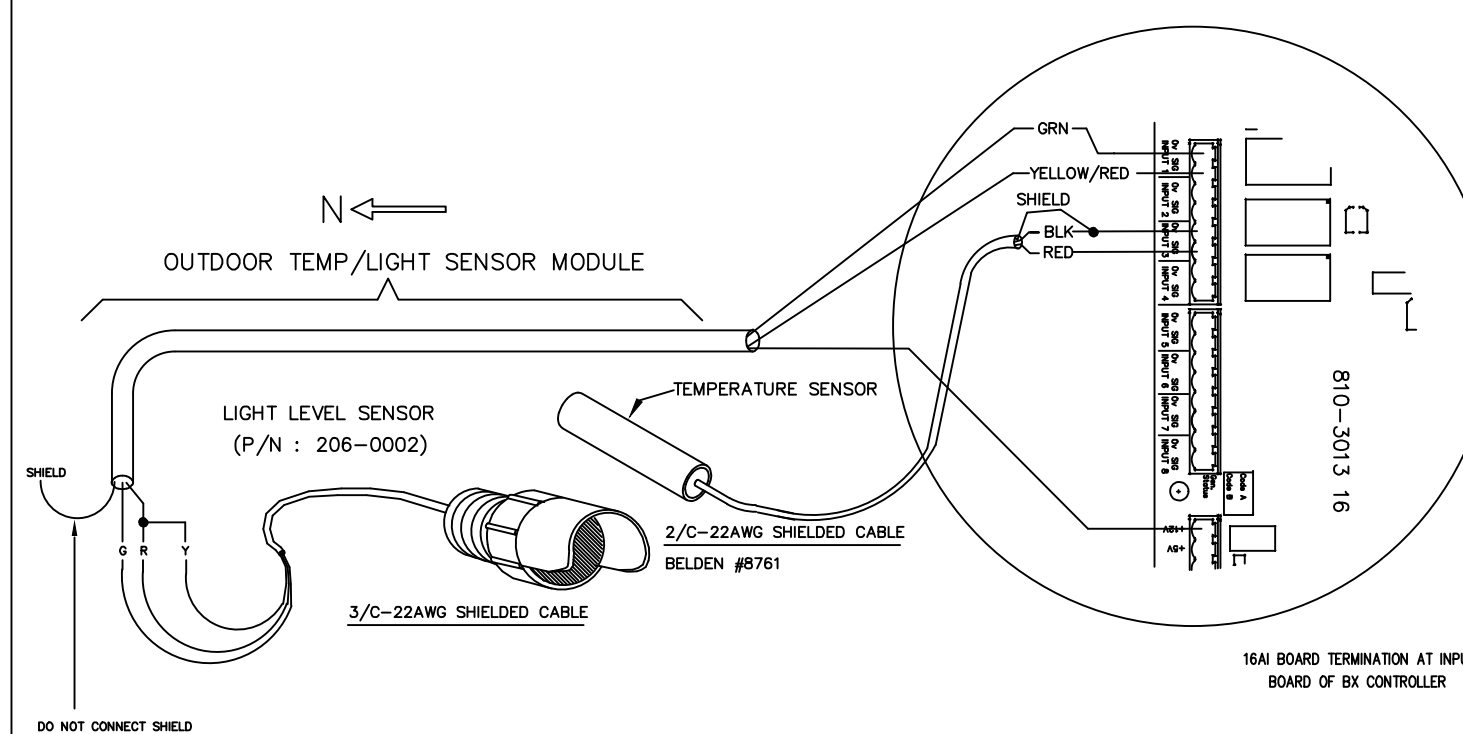
SCALE: NONE

3 EINSTEIN CONTROL SYSTEM -- SPACE TEMPERATURE SENSOR TERMINATION

SCALE: NONE

NOTES:

1. CONTRACTOR TO MOUNT RH SENSOR MODULE.
2. CONTRACTOR TO INSTALL AND TERMINATE CABLE FOR RH SENSOR MODULE.
3. SENSOR MODULE TO BE MOUNTED AS SHOWN - TERMINAL STRIP UP.
4. MOUNT AT A LOCATION THAT WILL ACCURATELY REPRESENT THE AREA TO BE CONTROLLED.
5. AVOID DRAFTS FROM HVAC REGISTERS/GRILLS, DOOR OPENINGS, AND LOW TEMPERATURE REFRIGERATION.
6. MOUNT OUT FOR HEAT FROM LIGHTING/FIXTURES, IN-BUILDING CHANGES OR UNEXPECTED REFRIGERATION FIXTURES.
7. DO NOT MOUNT DIRECTLY ABOVE OTHER SENSING DEVICES THAT MAY GENERATE HEAT AS THIS COULD PRODUCE INCORRECT READINGS.
8. MOUNT AT 7'-11" ABOVE FINISHED FLOOR ON A COLUMN THAT WILL GIVE TRUE AMBIENT MEASUREMENT FOR THE AREA SERVED.
9. DO NOT USE THE LOCATION OF AN EXISTING THERMISTAT AS A GUIDE, AS IT MAY NOT BE IN A GOOD LOCATION.
10. KEEP SPACES TO A MINIMUM AND ALWAYS MAINTAIN COLOR CODING.
11. CABLES SHOULD BE PERMANENTLY NUMBERED AT BOTH ENDS WITH STANDARD NUMBERED WIRE MARKERS.
12. CABLES MAY BE RUN EXPOSED (CODE PERMITTING) WHERE THEY WILL NOT BE SUBJECT TO DAMAGE.
13. USE CONDUIT WHERE DAMAGE MAY OCCUR.
14. DO NOT RUN RH SENSOR WIRING WITHIN CONDUIT CONTAINING LINE VOLTAGE OR CONTROL WIRING.



6 EINSTEIN CONTROL SYSTEM -- LIGHT SENSOR/OUTDOOR TEMP SENSOR WIRING

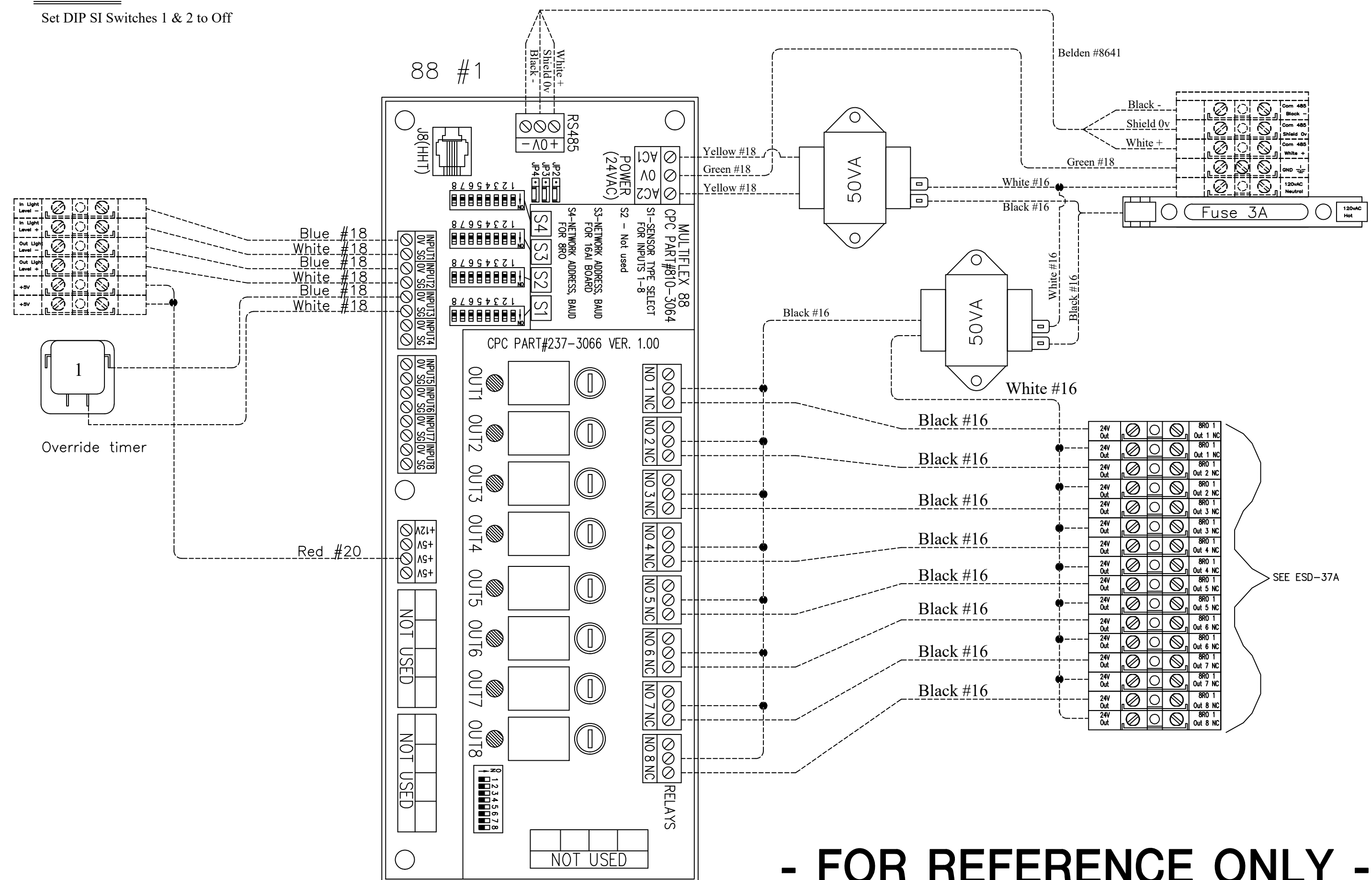
SCALE: NONE

4 EINSTEIN CONTROL SYSTEM -- RH SENSOR TERMINATION

SCALE: NONE

Note:

Set DIP SI Switches 1 & 2 to Off



- FOR REFERENCE ONLY -
CONSTRUCTION GUIDELINES

1 EINSTEIN CONTROL SYSTEM -- TYPICAL STORE RTU WIRING

SCALE: NONE

7 EINSTEIN CONTROL SYSTEM -- LIGHTING CONTROL PANEL

SCALE: NONE

ATTENTION DESIGN ENGINEERS:

THIS VENDOR SUPPLIED DRAWING IS PROVIDED FOR REFERENCE ONLY,
AND MAY SHOW COMPONENTS THAT ARE NOT USED IN ALL STORES.

BIDS AND PERMITS
Issued for: 00% OWNER REVIEW 10/23/2023

PROPOSED MINOR INTERIOR
REMODEL FOR:

Kroger

STORE NO. D-409
12731 S SAGINAW ST
GRAND BLANC, MI 48439

THE KROGER CO. OF MICHIGAN

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CPC DETAILS

project no. 23042 sheet no. EM-4

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