

**#ATL034**  
**CONYERS, GA**

**Krystal**



3/22/18

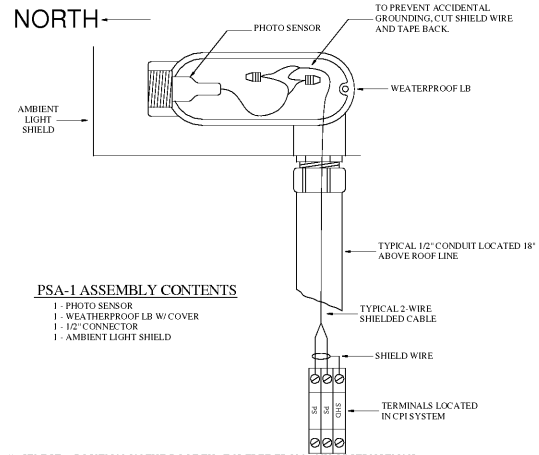
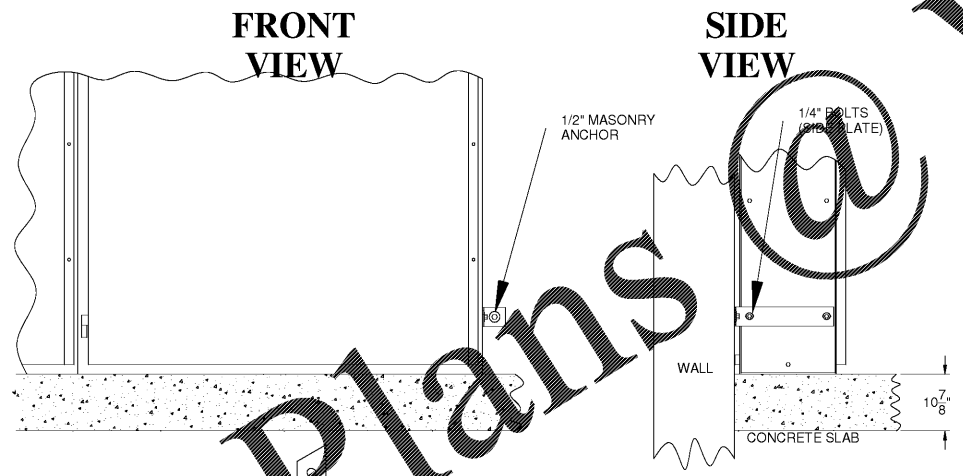
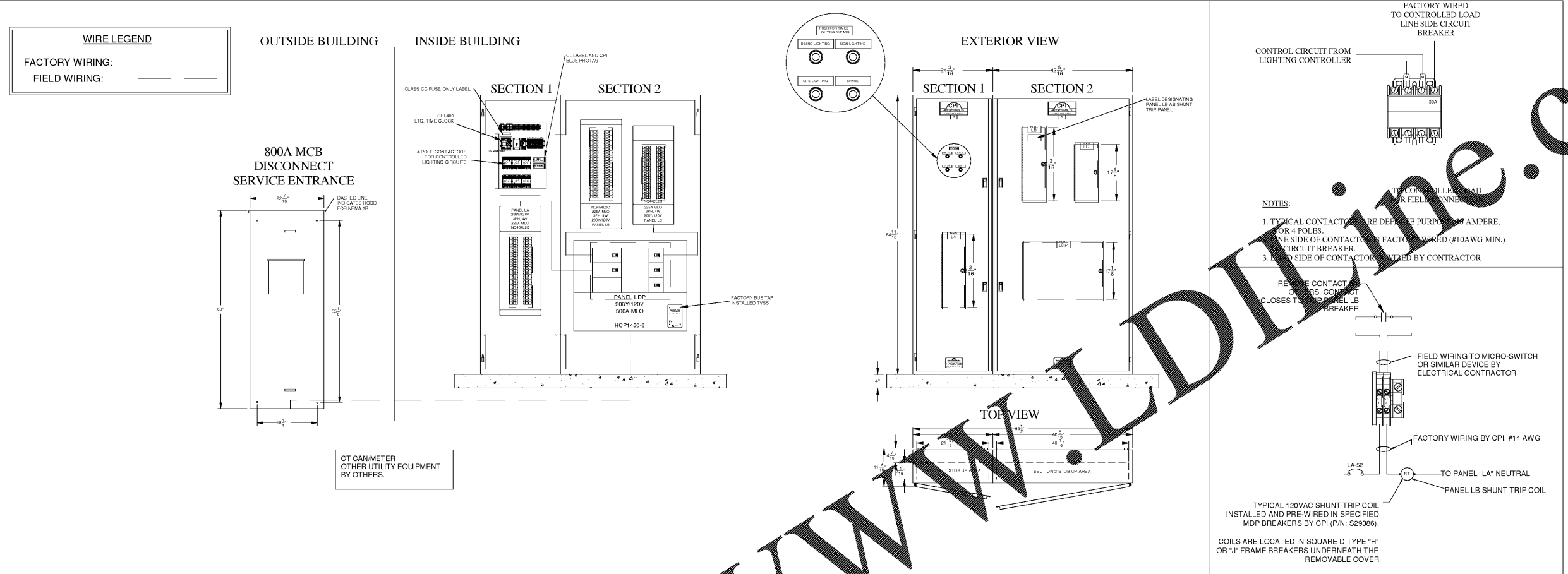
**ISSUED FOR CONSTRUCTION**  
 1447 Highway 138  
 Conyers, Georgia 30012  
 Rockdale County, Georgia

Revisions		
#	Date	Description

Project Number: 18028  
 Issued for: CONSTRUCTION  
 Issue Date: 03/22/18

DRAWING TITLE  
**CPI ELECTRICAL DETAILS**

SHEET NUMBER  
**E401**



- PSA-1 ASSEMBLY CONTENTS**  
 1 - PHOTO SENSOR  
 1 - WEATHERPROOF LB W/ COVER  
 1 - 1/2" CONNECTOR  
 1 - AMBIENT LIGHT SHIELD
- 1) SELECT A POSITION ON THE ROOF THAT IS FREE FROM ANY OBSTRUCTIONS.
  - 2) STUB A 1/2" CONDUIT A MINIMUM OF 18" ABOVE ROOF LINE.
  - 3) ATTACH THE ASSEMBLY TO THE CONDUIT USING THE 1/2" CONNECTOR PROVIDED WITH THE PSA-1.
  - 4) TO ENSURE PROPER OPERATION, THE PHOTO SENSOR MUST FACE NORTH.
  - 5) PULL A 2-WIRE SHIELDED CABLE FROM THE CPI SYSTEM TO THE PSA-1 ASSEMBLY.
  - 6) CONNECT LIKE COLOR WIRES. IT IS IMPORTANT THAT THE SHIELD WIRE IS CUT AND TAPED BACK AT THE SENSOR TO PREVENT ACCIDENTAL GROUNDING. IF ACCIDENTAL GROUNDING OCCURS, THE SENSOR MAY NOT PERFORM PROPERLY.
  - 7) AFTER ALL WIRING CONNECTIONS HAVE BEEN MADE, ATTACH GASKET AND COVER TO WEATHERPROOF LB.
  - 8) IF SENSOR IS EXPOSED TO A BRIGHT LIGHT SOURCE, SUCH AS PARKING LOT LIGHTS, ADJUST THE AMBIENT LIGHT SHIELD TO LIMIT THE EFFECTS OF THIS LIGHT SOURCE.
  - 9) CONNECT THE OTHER END OF THE 2-WIRE SHIELDED CABLE TO THE TERMINALS IN THE CPI SYSTEM AS SHOWN ABOVE.
  - 10) INSTALLATION IS COMPLETE.

GALVANIZED STEEL MOUNTING BRACKET (1/2")  
 USE (2) GALVANIZED STEEL BRACKETS FOR EACH SIDE OF UNITIZED SWITCHGEAR SYSTEM.  
 SYSTEMS CONSISTING OF MORE THAN 3 CABINETS MAY REQUIRE 1 OR MORE BRACKETS AFFIXED TO THE TOP OF THE CABINET GROUP.