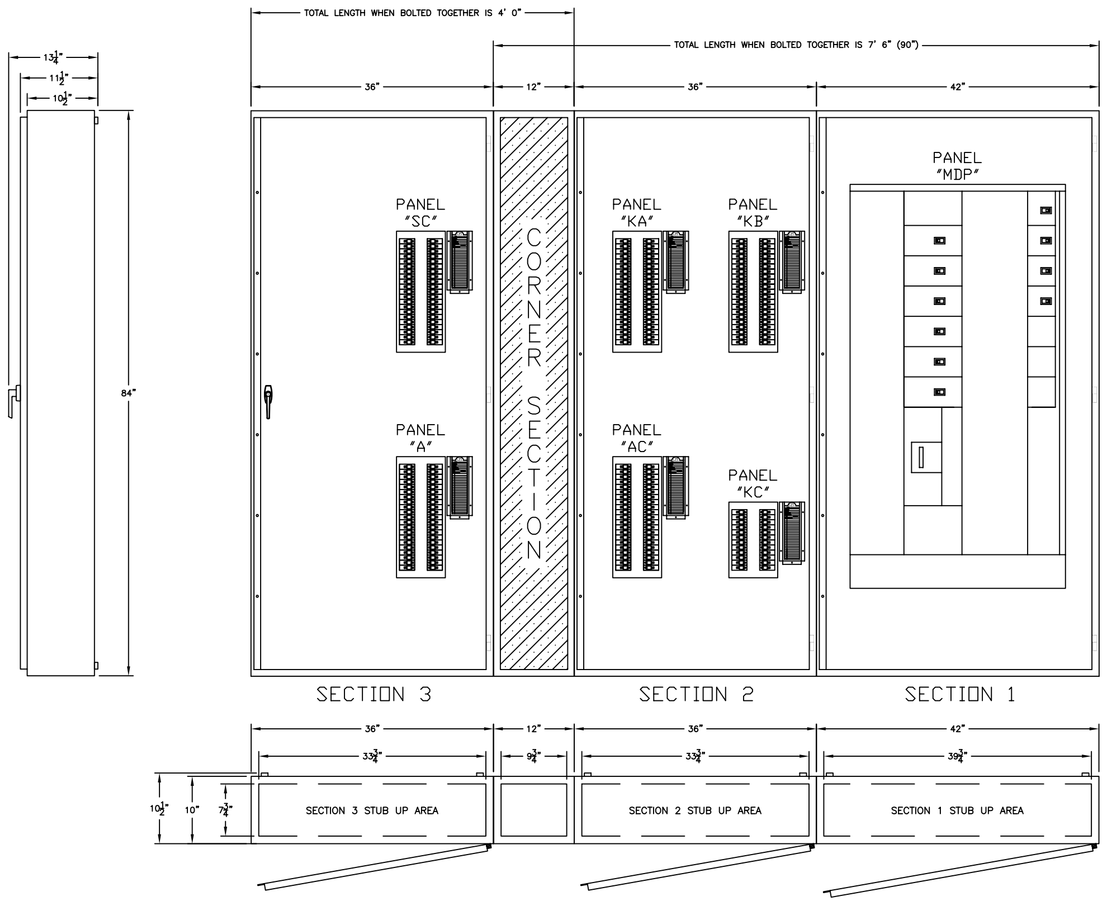
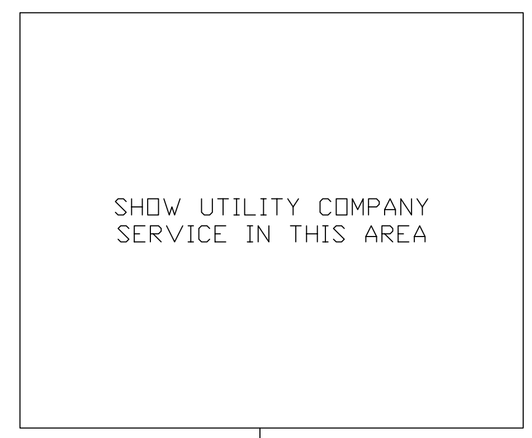
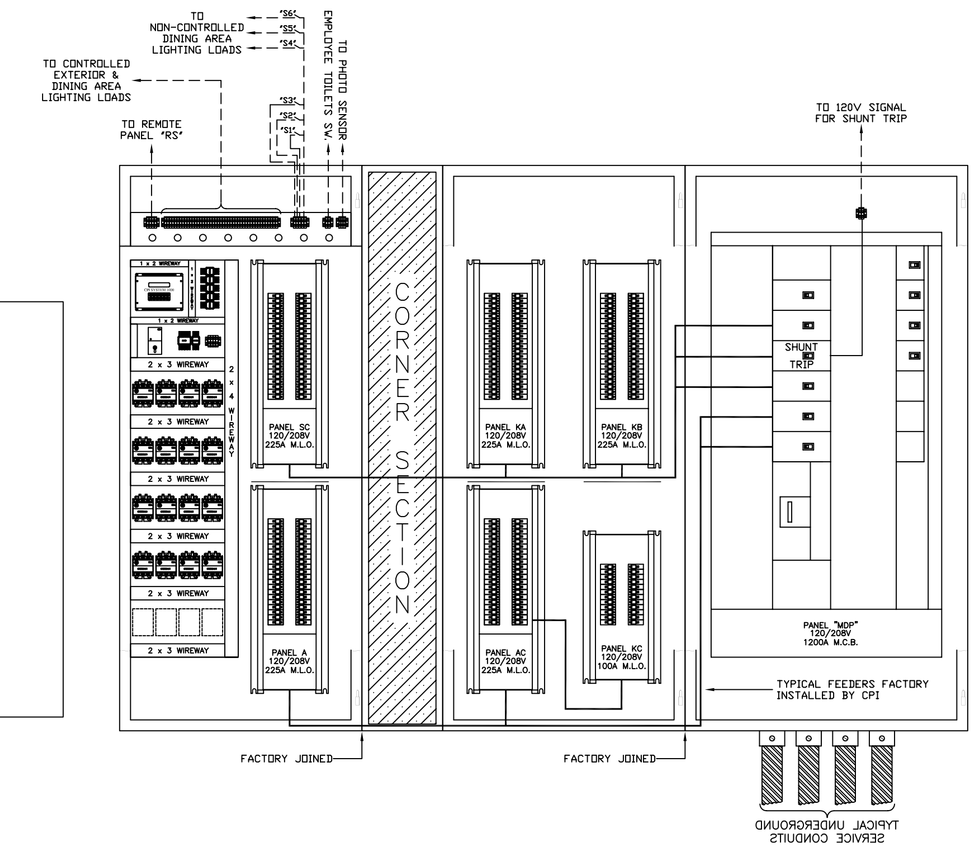
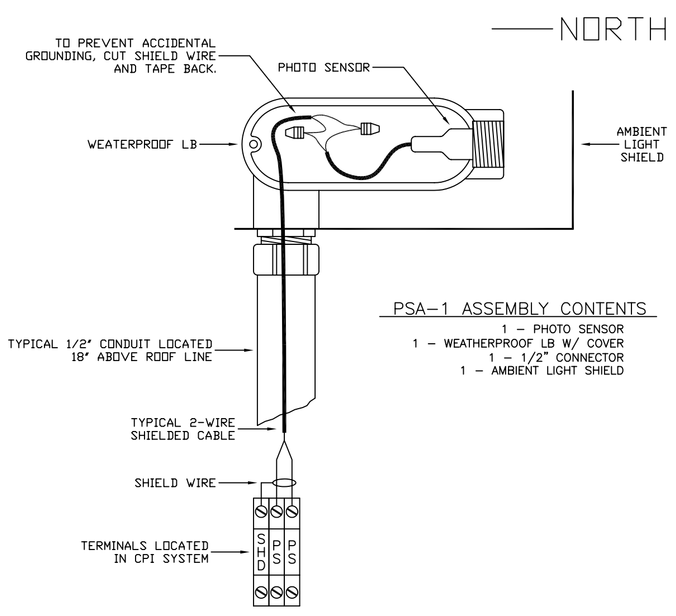








PSA-1 ASSEMBLY CONTENTS

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) ATTATCH 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.

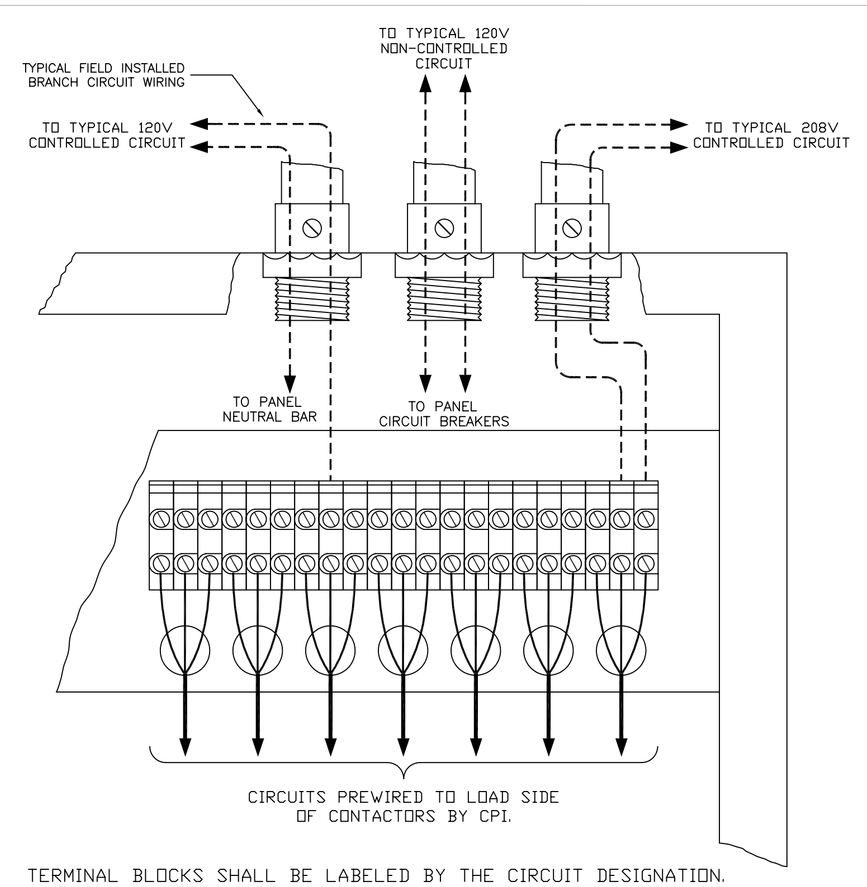
6) CONNECT LIKE COLOR WIRES. IT IS IMPORTANT THAT THE SHIELD WIRE IS CUT AND TAPED BACK AT THE SENSOR TO PREVENT ACCIDENTAL GROUNDING. IF ACCIDENTAL GROUNDING OCCURS, THE SENSOR MAY NOT PERFORM PROPERLY.

7) AFTER ALL WIRING CONNECTIONS HAVE BEEN MADE, ATTATCH GASKET AND COVER TO WEATHERPROOF LB.

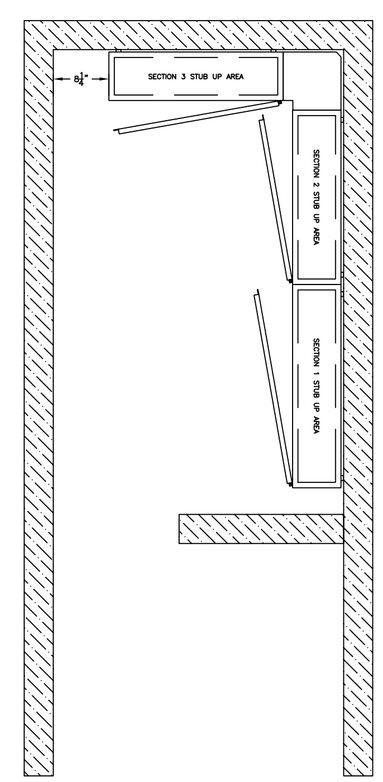
8) IF SENSOR IS EXPOSED TO A BRIGHT LIGHT SOURCE, SUCH AS PARKING LOT LIGHTS, ADJUST THE AMBIENT LIGHT SHIELD TO LIMIT THE EFFECTS OF THIS LIGHT SOURCE.

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. IF THE CPI SYSTEM 1000 IS POWERED ON, A CURRENT LIGHT LEVEL WILL BE DISPLAYED. REFER TO CPI SYSTEM 1000 PROGRAMMING MANUAL FOR MORE INFORMATION.



TERMINAL BLOCKS SHALL BE LABELED BY THE CIRCUIT DESIGNATION.



ELECTRICAL ROOM DETAIL

GENERAL INFORMATION

The CPI System shown is a UL Listed product and shall be used as the base bid for this project. The system will include the following components:

1) Panels MDP, KA, KB, KC, AC, A and SC.
2) All panel feeders from Panel MDP to the enclosed sub-panels are factory installed by Carolina Products, Inc.
3) The controls section includes the CPI System 1000 building controller, control relays and all contactors for exterior lighting and the controlled interior lighting circuits. All components are installed and wired by Carolina Products, Inc. The line side of the contactors are factory wired to the appropriate circuit breakers. The load side of the contactors a factory wired to a terminal strip for field connection. The coil wires of remotely switched contactors will be factory wired to a terminal strip for field connection.
4) The CPI System 1000 will be programmed to the customer's requirements prior to shipment.
5) Panels DR and RS are shipped loose and installed by contractor as specified on drawings.

The contractor shall coordinate delivery of the CPI System with Carolina Products, Inc. Contractor will receive and install the CPI System in accordance with the NEC and manufacturer's requirements.

The CPI System will ship in (2) sections. The contractor shall bolt these sections together with hardware provided by Carolina Products, Inc. Contractor shall also reconnect any panel feeders that were taken loose for shipping purposes.

Contractor will be responsible for installing service entrance and branch circuit conduits and conductors as specified on drawings.

A remote photo sensor shall be provided by Carolina Products, Inc. and installed per manufacturer's instructions.

For pricing and additional information, please contact Tommy Fulton of Carolina Products, Inc. at (800) 736-4455.

CPI
CAROLINA PRODUCTS, INC.
Unitized Switchgear & Controls
1132 PROAM DRIVE
CHARLOTTE, NC 28211
PHONE - (704) 364-9029
FAX - (704) 367-1216

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GENERAL NOTES :

REVISIONS

REV.	DESCRIPTION	DATE	BY
A			R.A.D.

RYAN'S FAMILY STEAK HOUSES, INC.
199 HUNT STREET - GREEN, S.C. 29650 - (864) 879-1000

Ryan's® FAMILY STEAK HOUSE

UNITIZED SWITCH GEAR

DESIGNED: R.A.D.
DATE: 07-09-98
STORE TYPE: PT9L
DRAWING NO.: E-6