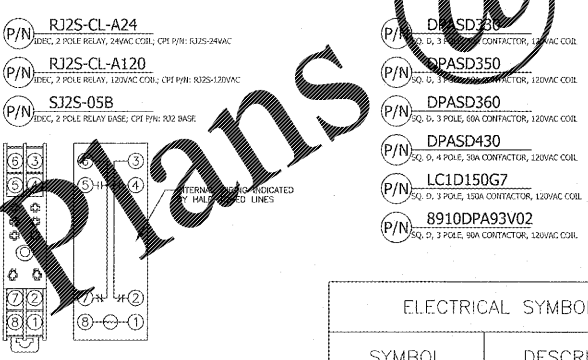


GRIDPOINT CONTROLLED OUTPUTS (SHEET 2.1)	
OUTPUT #	LOAD CONTROLLED
IOM-6160 RELAY #1	DRIVE-THRU
IOM-6160 RELAY #2	SIGNS / BUILDING LIGHTS
IOM-6160 RELAY #3	PARKING LIGHTS
IOM-6160 RELAY #4	CHAIN BROILER
IOM-6160 RELAY #5	GRIDDLE (EQUIPMENT ONLY)
IOM-6160 RELAY #6	FRYERS/GRIDDLE & OVENS EXH.

CONTACTOR SCHEDULE (SHEET 2.1 & 2.2)			
CONTACTOR NAME	# OF POLES	AMPERE RATING	COIL VOLTAGE
LC1	4	30A	120 VAC
LC2	4	30A	120 VAC
LC3	4	30A	120 VAC
LC4	4	30A	120 VAC
LC5A	3	30A	120 VAC
LC5B	3	30A	120 VAC
C1	4	30A	120 VAC
C2	3	30A	120 VAC
C3	3	30A	120 VAC
C4	3	30A	120 VAC
C5	3	60A	120 VAC
C6	3	60A	120 VAC
C7	3	60A	120 VAC
C8	3	60A	120 VAC
C9	3	50A	120 VAC
C10	3	90A	120 VAC
C11	3	30A	120 VAC
C12	3	30A	120 VAC
C13	3	30A	120 VAC
C14	3	30A	120 VAC
C15	3	30A	120 VAC
C16	3	150A	120 VAC

RELAY SCHEDULE (SHEET 2.0, 2.1 & 2.2)		
RELAY NAME	CONTACTS	COIL VOLTAGE
R1	2 POLE	24 VAC
R2	2 POLE	24 VAC
R3	2 POLE	24 VAC
R4	2 POLE	24 VAC
R5	2 POLE	24 VAC
R6	2 POLE	24 VAC
R9	2 POLE	120 VAC
R10	2 POLE	120 VAC
R11	2 POLE	120 VAC
R12	2 POLE	120 VAC
R13	2 POLE	120 VAC
R14	2 POLE	120 VAC
R15	2 POLE	120 VAC
R16	2 POLE	120 VAC
R17	2 POLE	120 VAC
R18	2 POLE	24 VAC
R19	2 POLE	24 VAC
R20	2 POLE	24 VAC
R21	2 POLE	24 VAC
CSR1	1 POLE	CURRENT SENSING RELAY
CSR2	1 POLE	CURRENT SENSING RELAY
CSR3	1 POLE	CURRENT SENSING RELAY
MEN'S RESTROOM TIME DELAY	2 POLE	TIME DELAY RELAY
WOMEN'S RESTROOM TIME DELAY	2 POLE	TIME DELAY RELAY

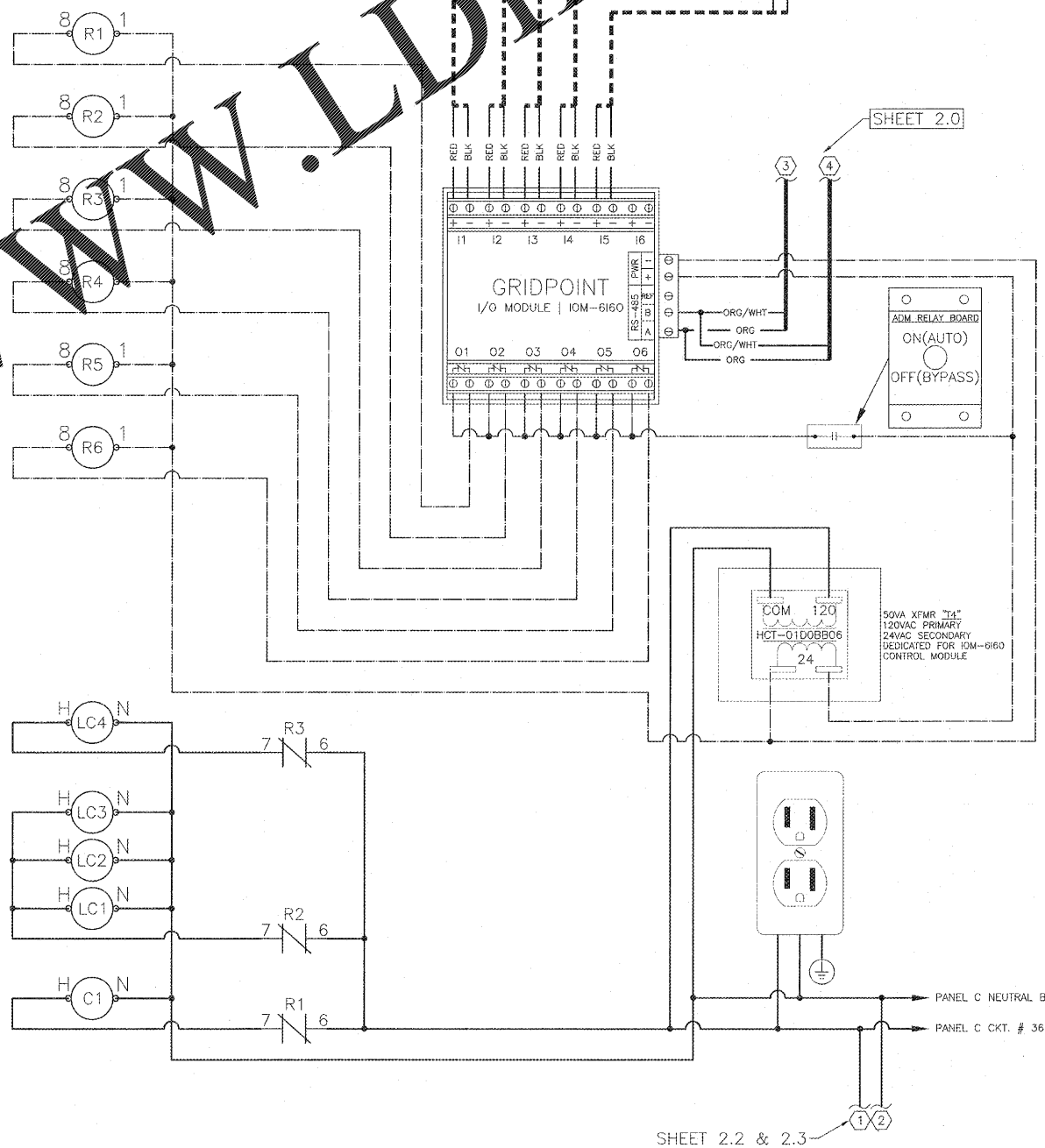
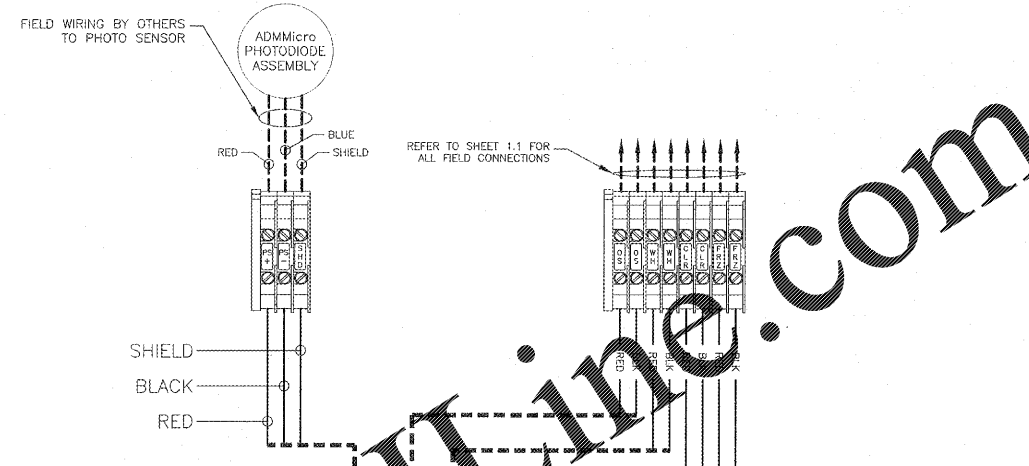


ELECTRICAL SYMBOLS	
SYMBOL	DESCRIPTION
	RELAY COIL
	NORMALLY OPEN RELAY CONTACT
	NORMALLY CLOSED RELAY CONTACT
	CONTACTOR COIL

**\*\*VERY IMPORTANT NOTE\*\***  
ALL CT, CAT-5e & SENSOR WIRING TO BE SEPARATED FROM LINE VOLTAGE ON CONTROL SCREEN AND AT THE ADM-1204. NO EXCEPTIONS!

WIRE LEGEND:	
DASHED	FIELD
SOLID	14AWG
DASHED-DOT	18AWG
THICK-SOLID	CAT-5
DASHED THICK	2-WIRE SHIELDED

208Y/120V COLOR CODING	
•	A PHASE-BLACK
•	B PHASE-RED
•	C PHASE-BLUE
•	NEUTRAL-WHITE



CAROLINA PRODUCTS, INC.  
1132 PRO AM DR.  
CHARLOTTE, NC 28211  
PH.(704)364-9029 , FX.(704)367-1215

CPI  
CAROLINA PRODUCTS, INC.  
CONTROL AND POWER INTEGRATION

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REVISION NO. DATE DESCRIPTION

HARDEE'S: BODDIE NOELL ENTERPRISES  
DISPUTANTA, VA (PRINCE GEORGE)  
WIRING SCHEMATICS

CPI PROJECT # 24588A  
CPI DRAWING # BNE-24588A  
SHEET: 2.1  
DATE: 8/16/19  
DRAWN BY: AJW

FOR REFERENCE ONLY

**Hardee's**  
BNE WOOD PROTOTYPE REVERSE  
LARGE DINING ROOM-BN2016 LDR  
DISPUTANTA, VA 23042

OWNER: **BNE**  
BODDIE NOELL ENTERPRISES, INC.  
P.O. BOX 1808  
ROCKY MOUNT, NC 27802-9808  
(252) 867-2800

NO.	DATE	DESCRIPTION

WIRING SCHEMATICS

DATE: 9-4-2019

SHEET NUMBER: **CPI-2.1**

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