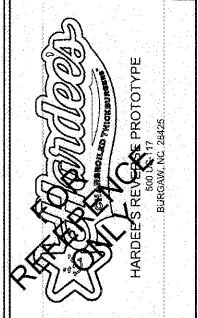


CAROLINA PRODUCTS, INC.
1132 PRO AM DR.
CHARLOTTE, NC 28211
PH: (704) 364-9029, FX: (704) 364-4121

CPI
CAROLINA PRODUCTS, INC.
CONTROL AND POWER INTEGRATION



BODDIE-NOELL ENTERPRISES, INC.
P.O. BOX 1908
ROCKY MOUNT, NC
27802-1908
(252) 937-2800



| NO. | REVISIONS | DESCRIPTION | DATE |
|-----|-----------|-------------|------|
| | | | |
| | | | |
| | | | |

ELEVATIONS, DETAILS & PANELS

CPI PROJECT # 21932A
CPI DRAWING # BNE-21932A
SHEET: 1.0
DATE: 7/18/17
DRAWN BY: AJW

DATE: 6-23-17
SHEET NUMBER: CPI-1.0

WIRE LEGEND

FACTORY WIRING: _____
FIELD WIRING: _____

FACTORY WIRED FEEDER SCHEDULE

| # | (# OF CONDUCTORS) | SIZE |
|---|-------------------|----------|
| 1 | (4) | #3/0 AWG |
| 2 | (8) | #3/0 AWG |

PANEL MDP 4W
PHASE: 3PH, 4W
VOLTAGE: 208Y/120
COPPER BUS SIZE: 800A
CONNECTION SIZE/TYPE: 300A MCB (100% RATED)
AIC RATING: 65K FULLY RATED

NOTES:
L- LOCK ATTACHMENT FOR BREAKER
WH- WH BREAKER
GFCI- GROUND FAULT CIRCUIT INTERRUPTER (50mA)
EPD- EQUIPMENT PROTECTION DEVICE (30mA)
HD- HIGH INTENSITY DISCHARGE BREAKER
HM- HIGH MAGNETIC BREAKER
IG- ISOLATED GROUND CIRCUIT
ST- SHUNT TRIP BREAKER
SWN- SWITCHED NEUTRAL BREAKER
** CIRCUIT CONTROLLED IN CPi GEAR

| SPACE | DESCRIPTION | NOTES | BKR. SIZE | CKT. # | PHASE | PHASE | CKT. # | BKR. SIZE | NOTES | DESCRIPTION |
|--------------------------|-------------|-------|-----------|--------|-------|-------|--------|-----------|-------|-------------|
| SPACE | | | | | | | | | | |
| SPACE | | | | | | | | | | |
| PANEL C | | | 200/3 | 5 | A | C | 4 | 200/3 | | PANEL B |
| | | | | | | | | | | |
| PANEL D | | | 400/5 | 7 | A | C | 6 | 400/5 | | RTU-1 |
| | | | | | | | | | | |
| PANEL MDP 100% RATED MCB | | | 800/3 | 4 | A | B | 10 | 800/3 | | RTU-2 |
| | | | | | | | | | | |
| | | | | | | | | | | RTU-3 |
| | | | | | | | | | | |

PANEL A 4W
PHASE: 3PH, 4W
VOLTAGE: 208Y/120
COPPER BUS SIZE: 225A
CONNECTION SIZE/TYPE: 200A MLO
AIC RATING: 65K SERIES RATED

NOTES:
L- LOCK ATTACHMENT FOR BREAKER
WH- WH BREAKER
GFCI- GROUND FAULT CIRCUIT INTERRUPTER (50mA)
EPD- EQUIPMENT PROTECTION DEVICE (30mA)
HD- HIGH INTENSITY DISCHARGE BREAKER
HM- HIGH MAGNETIC BREAKER
IG- ISOLATED GROUND CIRCUIT
ST- SHUNT TRIP BREAKER
SWN- SWITCHED NEUTRAL BREAKER
** CIRCUIT CONTROLLED IN CPi GEAR

| DESCRIPTION | NOTES | BKR. SIZE | CKT. # | PHASE | CKT. # | BKR. SIZE | NOTES | DESCRIPTION |
|----------------------------|-------|-----------|--------|-------|--------|-----------|-------|----------------------------|
| ICE CREAM I | GFCI | 201/1 | 1 | A | 2 | 201/1 | | ICE CREAM I |
| FRENCH FRY WARMER | GFCI | 201/1 | 3 | B | 4 | 201/1 | | FRENCH FRY WARMER |
| SODA SYSTEM | GFCI | 201/1 | 5 | C | 6 | 201/1 | | SODA SYSTEM |
| CONVENIENCE RECEPTACLE | GFCI | 201/1 | 7 | A | 8 | 201/1 | | CONVENIENCE RECEPTACLE |
| ICE / SODA DISPENSER | GFCI | 201/1 | 9 | B | 10 | 201/1 | | ICE / SODA DISPENSER |
| ICE / SODA DISPENSER | GFCI | 201/1 | 11 | C | 12 | 201/1 | | ICE / SODA DISPENSER |
| TIMERS | GFCI | 201/1 | 13 | A | 14 | 201/1 | | TIMERS |
| TRANSFER TABLE POWER PANEL | | | 15 | B | 16 | 201/1 | | TRANSFER TABLE POWER PANEL |
| MAKE UP TABLE POWER PANEL | | | 17 | A | 18 | 201/1 | | MAKE UP TABLE POWER PANEL |
| HOOD LIGHTS | | | 23 | B | 24 | 201/1 | | HOOD LIGHTS |
| SLIDE TOP FREEZER (BKR) | | | 25 | A | 26 | 201/1 | | SLIDE TOP FREEZER (BKR) |
| SPARE | | | 27 | B | 28 | 201/1 | | SPARE |
| SPARE | | | 29 | C | 30 | 201/1 | | SPARE |
| HOT WATER DISPENSER | | | 31 | A | 32 | 201/1 | | HOT WATER DISPENSER |
| UNDERCOUNTER COOLER | | | 33 | B | 34 | 201/1 | | UNDERCOUNTER COOLER |
| FRIGIDAY REFRIGERATOR | | | 35 | C | 36 | 301/2 | | FRIGIDAY REFRIGERATOR |
| SHOW WINDOW RECEPTACLE | | | 37 | A | 38 | 301/2 | | SHOW WINDOW RECEPTACLE |
| TIMERS - FRY @ KITCHEN | GFCI | 201/1 | 39 | B | 40 | 301/2 | | TIMERS - FRY @ KITCHEN |
| | | | 41 | C | 42 | 301/2 | | |

PANEL B 4W
PHASE: 3PH, 4W
VOLTAGE: 208Y/120
COPPER BUS SIZE: 225A
CONNECTION SIZE/TYPE: 200A MLO
AIC RATING: 65K SERIES RATED

NOTES:
L- LOCK ATTACHMENT FOR BREAKER
WH- WH BREAKER
GFCI- GROUND FAULT CIRCUIT INTERRUPTER (50mA)
EPD- EQUIPMENT PROTECTION DEVICE (30mA)
HD- HIGH INTENSITY DISCHARGE BREAKER
HM- HIGH MAGNETIC BREAKER
IG- ISOLATED GROUND CIRCUIT
ST- SHUNT TRIP BREAKER
SWN- SWITCHED NEUTRAL BREAKER
** CIRCUIT CONTROLLED IN CPi GEAR

| DESCRIPTION | NOTES | BKR. SIZE | CKT. # | PHASE | CKT. # | BKR. SIZE | NOTES | DESCRIPTION |
|----------------------------------|-------|-----------|--------|-------|--------|-----------|-------|--------------------------------------------|
| EF-1 - OVEN EXHAUST FAN | | 150/3 | 1 | A | 2 | 301/2 | | CONNECTION OVEN |
| EF-2 - BROILER EXHAUST FAN | | 150/3 | 7 | A | 8 | 301/2 | | CONNECTION OVEN |
| EF-3 - FRYER GRIDDLE EXHAUST FAN | | 150/3 | 13 | A | 14 | 301/2 | | CONNECTION OVEN |
| WALK-IN FREEZER COMPRESSOR | | 201/3 | 19 | B | 20 | 301/2 | | GRIDDLE |
| WALK-IN COOLER COMPRESSOR | | 201/3 | 25 | A | 26 | 201/1 | | SPARE |
| SPARE | | | 27 | B | 28 | 201/1 | | SPARE |
| SPARE | | | 29 | C | 30 | 201/1 | | SPARE |
| INSECT CONTROL FAN | | 201/1 | 31 | A | 32 | 301/2 | | EW-1 |
| REC - DRIVE THRU AUDIO SYSTEM | | 201/1 | 33 | B | 34 | 301/2 | | |
| REC - DRIVE THRU OUTLET | | 201/1 | 35 | C | 36 | 301/2 | | |
| REC - DRIVE THRU AUDIO SYSTEM | | 201/1 | 37 | A | 38 | 150/3 | | QO1PFL ADM-120V VOLTAGE HEADNG FOR KW DATA |
| SPARE | | | 39 | B | 40 | | | |
| UNDERCOUNTER COOLER | | | 41 | C | 42 | | | |

PANEL C 4W
PHASE: 3PH, 4W
VOLTAGE: 208Y/120
COPPER BUS SIZE: 225A
CONNECTION SIZE/TYPE: 200A MLO
AIC RATING: 65K SERIES RATED

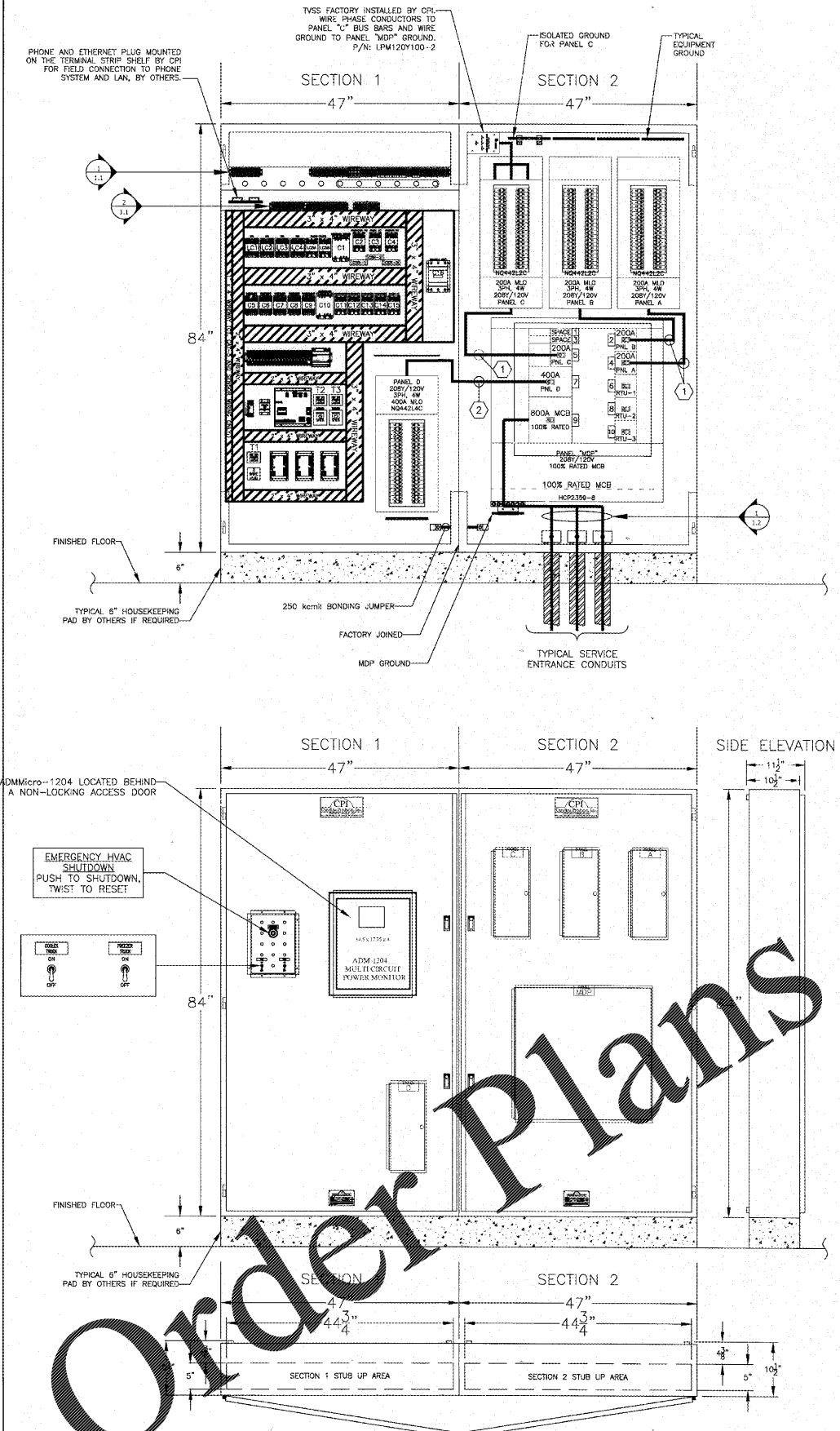
NOTES:
L- LOCK ATTACHMENT FOR BREAKER
WH- WH BREAKER
GFCI- GROUND FAULT CIRCUIT INTERRUPTER (50mA)
EPD- EQUIPMENT PROTECTION DEVICE (30mA)
HD- HIGH INTENSITY DISCHARGE BREAKER
HM- HIGH MAGNETIC BREAKER
IG- ISOLATED GROUND CIRCUIT
ST- SHUNT TRIP BREAKER
SWN- SWITCHED NEUTRAL BREAKER
** CIRCUIT CONTROLLED IN CPi GEAR

| DESCRIPTION | NOTES | BKR. SIZE | CKT. # | PHASE | CKT. # | BKR. SIZE | NOTES | DESCRIPTION |
|----------------------------------|---------|-----------|--------|-------|--------|-----------|-------|---------------------------------------|
| LTO - KITCHEN / STORAGE | | 201/1 | 1 | A | 2 | 201/1 | | REC - INTERIOR MENU SIGN |
| LTO - KITCHEN / OFFICE | | 201/1 | 3 | B | 4 | 201/1 | | QO1PFL SPEAKER POST / DRIVE THRU MENU |
| LTO - DINING PENDANTS | | 201/1 | 5 | C | 6 | 201/1 | | QO1PFL TO - DIRECTIONAL SIGN |
| LTO - DINING DOWNLIGHTS | | 201/1 | 7 | A | 8 | 201/1 | | QO1PFL TO - ROAD SIGN |
| LTO - DINING DOWNLIGHTS | | 201/1 | 9 | B | 10 | 201/2 | | LTO - EXTERIOR SITE |
| LTO - DINING (LARGE) PENDANTS | | 201/1 | 11 | C | 12 | 201/1 | | |
| LTO - ORDER AREA | | 201/1 | 13 | A | 14 | 201/2 | | LTO - EXTERIOR SITE |
| LTO - RESTROOMS & FAN | | 201/1 | 15 | B | 16 | 201/1 | | |
| SIDE BUILDING SIGNAGE | QO1PFL | 201/1 | 17 | C | 18 | 201/1 | | GREASE TANK |
| SIDE BUILDING SIGNAGE | QO1PFL | 201/1 | 19 | A | 20 | 201/1 | | SPARE |
| FRONT BUILDING SIGNAGE | QO1PFL | 201/1 | 21 | B | 22 | 201/1 | | P.O.S. SYSTEM |
| LTO - AWNING / CANOPY | | 201/1 | 23 | C | 24 | 201/1 | | REC - DINING |
| LTO - AWNING / CANOPY | | 201/1 | 25 | A | 26 | 201/1 | | QO1LO SECURITY / AUDIO |
| ORDER INFO BOARD | QO1PFL | 201/1 | 27 | B | 28 | 201/1 | | QO1LO REC - SECURITY / CAMERA |
| TV AND BREAK | QO1PFL | 201/1 | 29 | C | 30 | 201/1 | | REC - OFFICE |
| IRRADIATION SYSTEM (QO1PFL LOCK) | GFI / L | 201/1 | 31 | A | 32 | 201/1 | | REC - CEILING @ KITCHEN |
| WALK-IN HEAT TAPE (LIGHTS) | GFI / L | 201/1 | 33 | B | 34 | 151/1 | | QO1LO HVAC CONTROLS |
| DOOR BUZZER | | 201/1 | 35 | C | 36 | 151/1 | | QO1LO LIGHTING & HOOD CONTROLS |
| REC - OUTLETS AT TRASH | GFI | 201/1 | 37 | A | 38 | 201/1 | | SPARE |
| REC - DRIVE THRU | | 201/1 | 39 | B | 40 | 201/1 | | SPARE |
| REC - OFFICE | | 201/1 | 41 | C | 42 | 301/2 | | SPARE |

PANEL D 4W
PHASE: 3PH, 4W
VOLTAGE: 208Y/120
COPPER BUS SIZE: 225A
CONNECTION SIZE/TYPE: 200A MLO
AIC RATING: 65K SERIES RATED

NOTES:
L- LOCK ATTACHMENT FOR BREAKER
WH- WH BREAKER
GFCI- GROUND FAULT CIRCUIT INTERRUPTER (50mA)
EPD- EQUIPMENT PROTECTION DEVICE (30mA)
HD- HIGH INTENSITY DISCHARGE BREAKER
HM- HIGH MAGNETIC BREAKER
IG- ISOLATED GROUND CIRCUIT
ST- SHUNT TRIP BREAKER
SWN- SWITCHED NEUTRAL BREAKER
** CIRCUIT CONTROLLED IN CPi GEAR

| DESCRIPTION | NOTES | BKR. SIZE | CKT. # | PHASE | CKT. # | BKR. SIZE | NOTES | DESCRIPTION |
|-----------------------------|-------|-----------|--------|-------|--------|-----------|-------|---------------------------|
| VH FRYER #1 | | 601/3 | 1 | A | 2 | 201/1 | | SPARE |
| VH FRYER #2 | | 601/3 | 7 | A | 8 | 201/1 | | SPARE |
| VH FRYER #3 | | 601/3 | 13 | A | 14 | 150/3 | | SP-1 |
| VH FRYER #4 | | 601/3 | 19 | A | 20 | 201/2 | | ICE CLUBE MAKER W/ REMOTE |
| VH SHOLLER | | 80 | 25 | A | 26 | 201/1 | | SPARE |
| REC - ROOF HOOD FIRE SYSTEM | | 201/1 | 33 | B | 34 | 150/3 | | SP-1 AUX HEAT |
| SPARE | | | 29 | C | 30 | 201/1 | | SPARE |
| SPARE | | | 31 | A | 32 | 201/1 | | SPARE |
| SPARE | | | 37 | A | 38 | 201/1 | | SPARE |
| SPARE | | | 39 | B | 40 | 201/1 | | SPARE |
| SPARE | | | 41 | C | 42 | 201/1 | | SPARE |



1 CPI SYSTEM OVERVIEW-INTERIOR/EXTERIOR VIEW & ROUGH-IN DIMENSIONS

2 PANEL SCHEDULES