

ELECTRICAL PACKAGES

NO.	TAG	PACKAGE #	LOCATION	SWITCHES		ROOFTOP STARTERS	OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY			TYPE	Ø	H.P.	VOLT	FLA
1	50D/50E	131110N9	Utility Cabinet Left	Utility Cabinet Left	1 Light		Audible Alarm, Exh On, Lite Out in Fire, Fans Therm Control	Exhaust	1	0.750	115	13.0
				Hood # 1	1 Fan 2 Other			Exhaust	1	0.750	115	13.0
								Supply	1	1.500	115	20.4
								Exhaust	1	0.750	115	13.0

CONTROL PANEL INSTALLATION JOB NAME *Bojangles* DATE *5/31/2011*

DRAWING NUMBER *131110N9* JOB NUMBER *1353208* DRAWN BY

HOOD TO CONTROL PANEL

POWER FEED FOR CONTROLS AND LIGHTING

FIELD WIRED SWITCHES TO CONTROL PANEL

DUCT STAT WIRING FOR FAN SWITCH OVERRIDE

FIRE SYSTEM MICROSWITCH WIRING TO CONTROL PANEL

MICRO-SWITCHES WIRING WHEN MULTIPLE FIRE SYSTEMS CONNECTED TO ONE ELECTRICAL PANEL (3 SHOWN HERE)

FAN WIRING TO CONTROL PANEL

ELECTRIC GAS VALVE WITH RESET RELAY

CONTROL PANEL

GN GROUND
WH W
BK B (No Lights out in Fire, or LS (Lights out in fire))
BR H2 LIGHT SWITCH
BL H1 RED PILOT
WH N1 FAN SWITCH
OR A1

CONNECTIONS IN CONTROL PANEL

H1
N1
H2
N2
B
W

TEMPERATURE CONTROLLER BASE

RTD SENSOR
BLACK
BROWN
BROWN

CONTROL PANEL

A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12

CONTROL PANEL

H1
N1
H2
N2
B
W

CONTROL PANEL

A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12

CONTROL PANEL

H1
N1
H2
N2
B
W

NOTES:

- Light switch and fan switch mounted on the face of the hood and control panel mounted separately then field wire to the control panel as shown.
- Light switch and fan switch mounted on the face of the hood and control panel mounted separately then field wire to the control panel as shown.
- NOTE1: BUILDING FIRE ALARM IS TO BE WIRED TO THE "ALARM INITIATING SWITCH" INSIDE THE FIRE SYSTEM AUTOMAN
- NOTE2: IF NO FIRE SYSTEM ON HOOD, JUMPER C1 AND ARI TOGETHER
- NOTE: RTD TEMP SENSOR FIELD WIRED WHEN RISERS SHIPPED LOOSE. WHEN MULTIPLE TEMP SENSORS USED ON ONE FAN SWITCH, EACH SENSOR IS WIRED TO ITS OWN CONTROLLER AND THE CONTROLLER TERMINALS 4, 7, 10 AND 11 ARE WIRED IN PARALLEL. A 1 AMP SLO-BLO FUSE CONNECTS BETWEEN TERMINALS 6 AND 8 ON EACH CONTROLLER.

WIRE COLOR

- BK - BLACK
- BL - BLUE
- BR - BROWN
- OR - ORANGE
- RD - RED
- WH - WHITE
- GN - GREEN
- YW - YELLOW
- GY - GRAY
- PR - PURPLE
- OR/BL - ORANGE/BLUE
- (STRIPE)
- BL/RD - BLUE/RED
- (STRIPE)
- RD/GN - RED/GREEN
- (STRIPE)

ELECTRICAL PREWIRE PACKAGE JOB NAME *Bojangles* DATE *5/31/2011*

DRAWING NUMBER *131110N9* JOB NUMBER *1353208* DRAWN BY

CONTROL INPUT 120VAC H1=LINE, N1=NEUTRAL 15A BKR - DO NOT WIRE TO SHUNT TRIP BREAKER

120V/1Ph, 3 Exhaust Fans, 1 Supply Fan, Audible Alarm, Exhaust in Fire Condition, Lights out in Fire Condition, Fans ON/OFF thermostatically controlled.

COMPONENT PARTS LIST

DESCRIPTION	QTY
C-x Contactor	3
ST-x Starter	3
OL-x Overload	3
FS-xx Fan Switch (Lighted)	3
FUSE 1 AMP SLO-BLO FUSE-PS-11_FUSE	6
LS-xx Light Switch	1
L Hood Light(s)	3
MS-x MicroSwitch (Ansu/PyroChem)	3
Rx Relay DPDT - 34,110,0146.0 + Socket	1
AA-01 Audible Alarm-SGE120LASFP1B	1

SPARE FIRE DRY CONTACTS

Rx RELAY SOCKET STYLE "DION"

RELAY	CONTACT	WIRE
C-1	NO	4 13
C-2	NC	2 11
C-3	COM	8 7

NOTES:

- DENOTES FIELD WIRING
- DENOTES INTERNAL WIRING
- WIRE COLOR
- BK - BLACK YW - YELLOW
- BL - BLUE GY - GRAY
- BR - BROWN PR - PURPLE
- OR - ORANGE OR/BL - ORANGE/BLUE (STRIPE)
- RD - RED BL/RD - BLUE/RED (STRIPE)
- WH - WHITE RD/GN - RED/GREEN (STRIPE)

WIRE COLOR

- BK - BLACK
- BL - BLUE
- BR - BROWN
- OR - ORANGE
- RD - RED
- WH - WHITE
- GN - GREEN
- YW - YELLOW
- GY - GRAY
- PR - PURPLE
- OR/BL - ORANGE/BLUE (STRIPE)
- BL/RD - BLUE/RED (STRIPE)
- RD/GN - RED/GREEN (STRIPE)

NOTES:

- NOTE 1: RTD TEMP SENSOR FIELD WIRED WHEN RISERS SHIPPED LOOSE. WHEN MULTIPLE TEMP SENSORS USED ON ONE FAN SWITCH, EACH SENSOR IS WIRED TO ITS OWN CONTROLLER AND THE CONTROLLER TERMINALS 4, 7, 10 AND 11 ARE WIRED IN PARALLEL. A 1 AMP SLO-BLO FUSE CONNECTS BETWEEN TERMINALS 6 AND 8 ON EACH CONTROLLER.

12 x 18 x 6 Box

R-2002

DATE	RELEASE FOR
04.17.20	CONSTRUCTION

CHECKED BY:
DRAWN BY:

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J.E. BRISCOE WAY & MADISON BLVD. PROJECT: R-2002
MADISON, MADISON COUNTY ALABAMA DATE: 04/17/20

Bojangles RESTAURANT
KITCHEN HOOD DETAILS