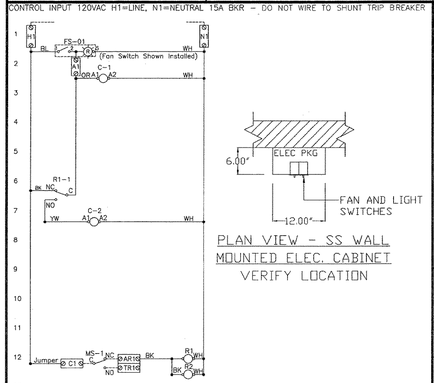
## ELECTRICAL PACKAGES

| NO. | TAG | PACKAGE # | LOCATION | SWITCHES | | ROOFTOP STARTERS | OPTION | FANS CONTROLLED | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | LOCATION | QUANTITY | | | TYPE | ø | H.P. | VOLT | FLA |
| 1 | | 21111002 | Wall Mount In SS Box | SS Wall Mount Box | 1 Light<br>1 Fan | | Exhaust in Fire | Exhaust | 1 | 0.750 | 208 | 6.0 |
| | | | | | | | | Supply | 1 | 1.000 | 208 | 7.0 |
| 2 | Dish | 1001060-dish | Wall Mount In SS Box | SS Wall Mount Box | | | Off Delay Relay | Exhaust | 1 | 0.333 | 115 | 7.0 |

ELECTRICAL PREWIRE PACKAGE | JOB NAME Grimaldi's - Palm Beach Gardens_REV | DATE 12/28/2010

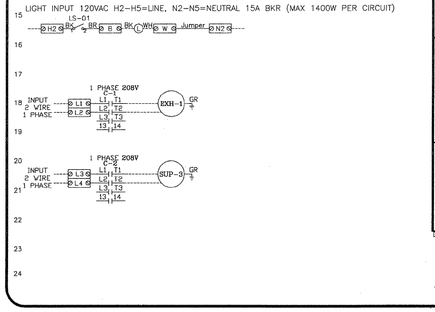
DRAWING NUMBER 21111002 | JOB NUMBER 1269048 | DRAWN BY

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




PLAN VIEW – SS WALL MOUNTED ELEC. CABINET VERIFY LOCATION

LIGHT INPUT 120VAC H2–H5=LINE, N2–N5=NEUTRAL 15A BKR (MAX 1400W PER CIRCUIT)




220V/1Ph, W/ 1 Exhaust Fan, 1 Supply Fan, Exhaust in Fire

COMPONENT PARTS LIST

LABEL DESCRIPTION
C-x Contactor
ST-x Starter
OL-x Overload
FS-xx Fan Switch (Lighted)

LS-xx Light Switch
L Hood Light(s)
MS-x MicroSwitch (Ansul/PyroChem)
Rx Relay SPDT – 24.110.0162 + Socket

SPARE FIRE DRY CONTACTS

SPARE RELAY CONTACTS USED WHEN FIRE SYSTEM DISCHARGES TO SHUT DOWN POWER TO EQUIPMENT... OR PROVIDE SIGNALS.

TR: Tripped, AR: Armed, C: Common

8x RELAY SOCKET STYLE "OMRON"

MS-x MicroSwitch C-RD NO-BR NC-BR

| MOTOR | TAG | PH | VLT | HP | FLA | BKR |
|---|---|---|---|---|---|---|
| EXH-1 | SF 5HOM K | 1 | 208 | 0.75 | 6 | 15A |
| SUP-3 | SF 5HOM K | 1 | 208 | 1 | 7 | 15A |

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)

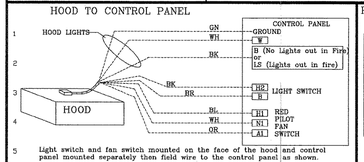
DRAWING SHOWN DE-ENERGIZED
NOTE: IF WALL MOUNT PREWIRE, OR FIELD INSTALLED FIRE SYSTEM MICROSWITCH, THE TERMINALS SHOWING FACTORY WIRING MUST BE FIELD WIRED.

12 x 18 x 6 Box

CONTROL PANEL INSTALLATION | JOB NAME Grimaldi's - Palm Beach Gardens_REV | DATE 12/28/2010

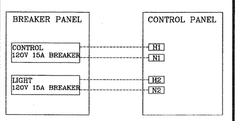
DRAWING NUMBER 21111002 | JOB NUMBER 1269048 | DRAWN BY

HOOD TO CONTROL PANEL

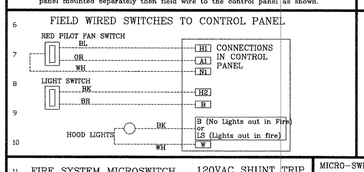



Light switch and fan switch mounted on the face of the hood and control panel mounted separately then field wire to the control panel as shown.

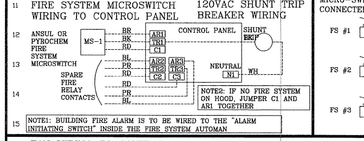
POWER FEED FOR CONTROLS AND LIGHTING




FIELD WIRED SWITCHES TO CONTROL PANEL

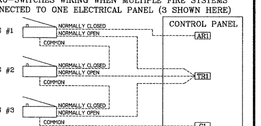



FIRE SYSTEM MICROSWITCH WIRING TO CONTROL PANEL




NOTE1: BUILDING FIRE ALARM IS TO BE WIRED TO THE 'ALARM INITIATING SWITCH' INSIDE THE FIRE SYSTEM AUTOMAN

120VAC SHUNT TRIP BREAKER WIRING

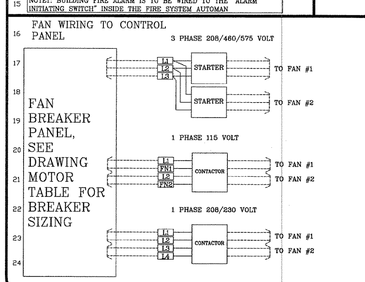



NOTE: IF NO FIRE SYSTEM ON HOOD, JUMPER C1 AND AR1 TOGETHER

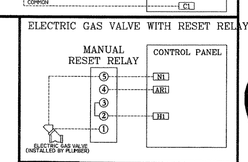
MICRO-SWITCHES WIRING WHEN MULTIPLE FIRE SYSTEMS CONNECTED TO ONE ELECTRICAL PANEL (3 SHOWN HERE)




FAN WIRING TO CONTROL PANEL




ELECTRIC GAS VALVE WITH RESET RELAY

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**REVISIONS**

| | DESCRIPTION | DATE: |
|---|---|---|
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Grimaldi's - Palm Beach Gardens
PALM BEACH GARDENS, FL

**DATE:** 12/23/2010

**DWG.#:** 1268205

**DRAWN BY:** rjh

**SCALE:** 1/16

**MASTER DRAWING**

**SHEET NO.** 4

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DOCUMENTS FOR:

DOWNTOWN at the GARDENS
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Revisions:

| No. | Date | Description |
|---|---|---|
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| | | |
| | | |

Project: DOWNTOWN at the GARDENS
Drawn:
Approved:
Issue Date: 12/28/2010

Sheet Title: MECHANICAL HOOD DETAILS

Sheet No: **M5D**