

**GAYLORD AUTOSTART
THERMOSTAT
TST NOTES**

- A) INSTALLED IN HOOD
- B) PRESET TO 50°F AT FACTORY
- C) IN SOME CLIMATES AND/OR CONDITIONS IT MAY BE NECESSARY TO ADJUST THE TST TEMPERATURE SETTING IN THE FIELDS BY OTHERS

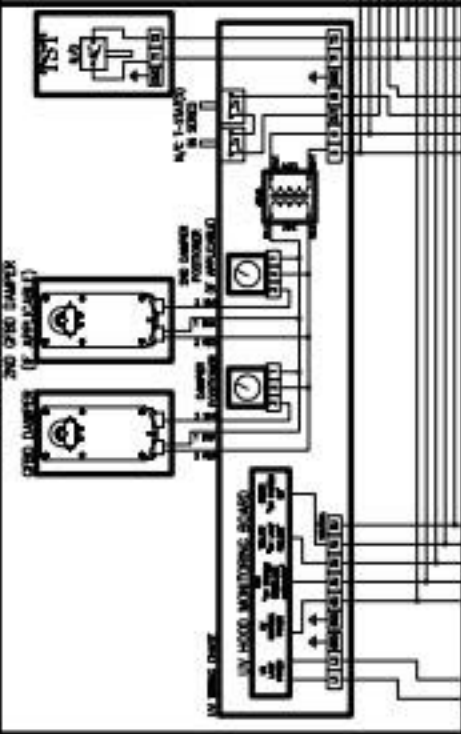
--- FIELD WIRING BY OTHERS
 --- WIRING BY GAYLORD

GAYLORD UV CONTROL

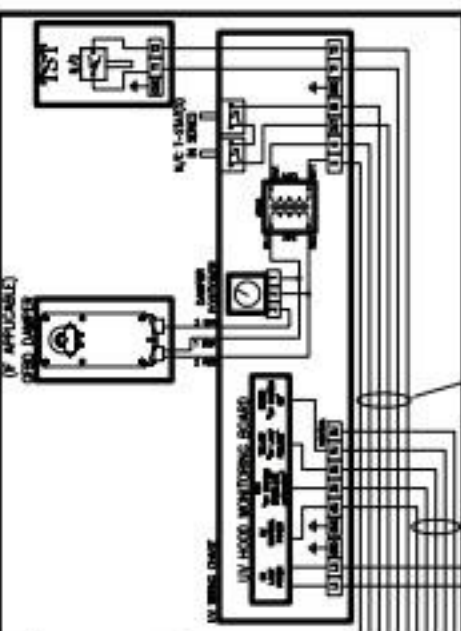


UL LAME CIRCUIT
 220VAC, 50/60HZ
 10 AMP

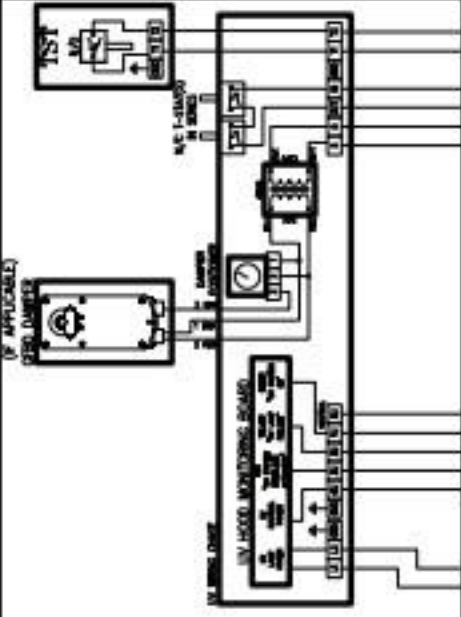
**1st Hood
1st Section**



**Add'l
Section(s)**



**Add'l
Hood(s)**



UL LAME CIRCUIT
 220VAC, 50/60HZ
 10 AMP

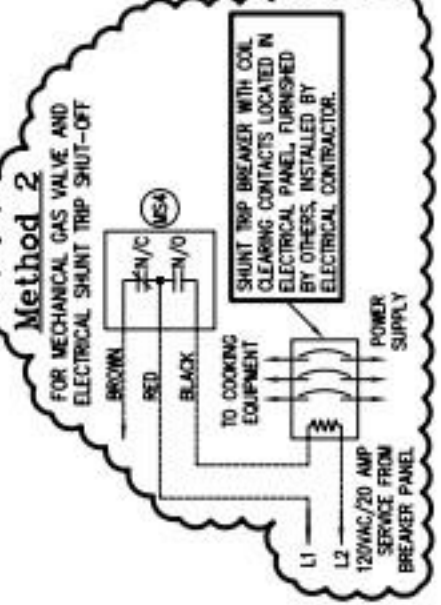
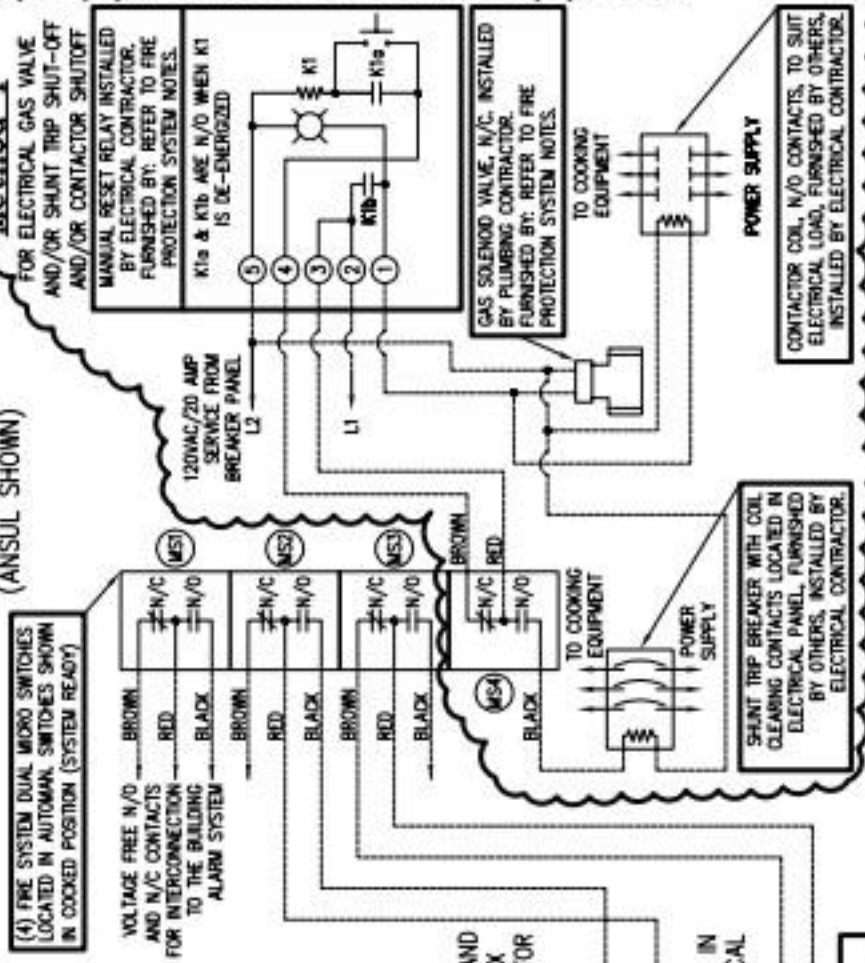
UL LAME CIRCUIT
 220VAC, 50/60HZ
 10 AMP

UL LAME CIRCUIT
 220VAC, 50/60HZ
 10 AMP

GFBD WIRING NOTES

- E-1) ALL EXTERNAL CONTROL WIRING SHALL BE 12 GAUGE MINIMUM OR AS PER APPLICABLE CODES.
- E-2) THE HOLDING COILS WITHIN THE MAGNETIC STARTERS MUST MATCH THE SUPPLY VOLTAGE. MAGNETIC STARTERS ARE SUPPLIED BY OTHERS.
- E-3) VENTILATOR FAN CIRCUIT: THIS IS A SERIES CIRCUIT. CONNECTING EACH HOOD "OUT" TO THE NEXT HOOD "IN", UNTIL LAST HOOD IS REACHED. CONNECT LAST HOOD "OUT" TO FAN MAGNETIC STARTER(S).

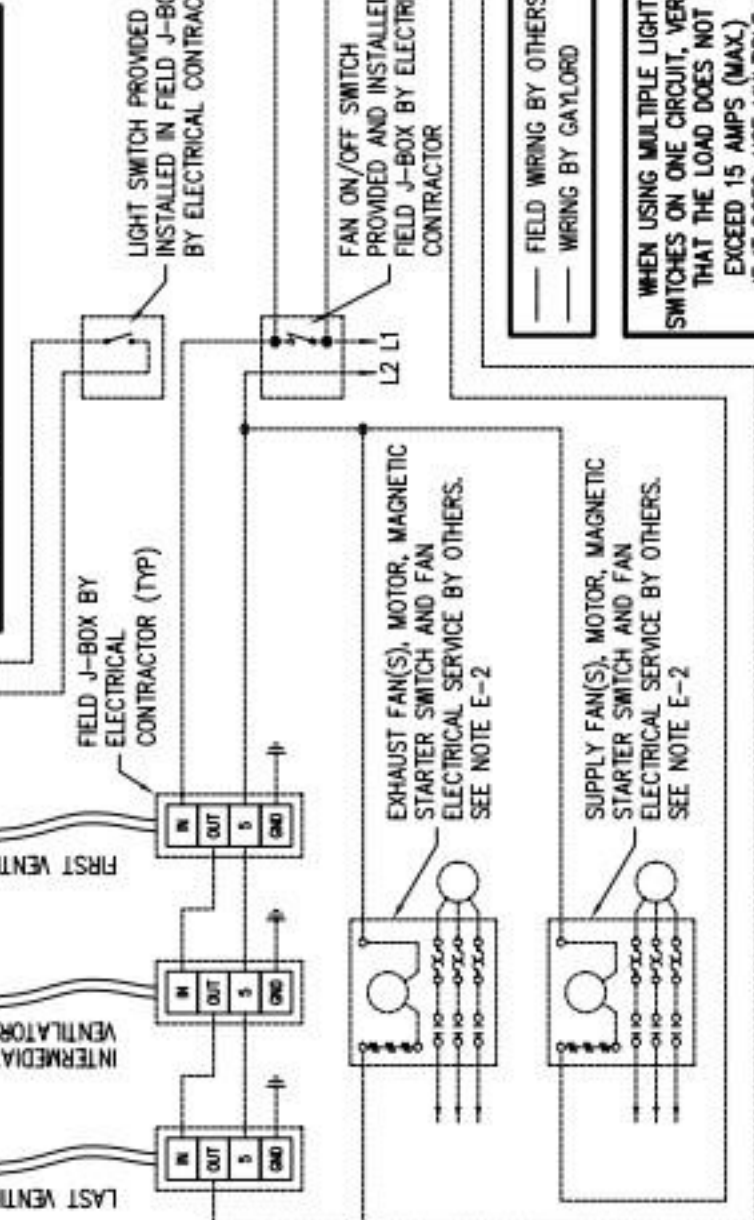
TYPICAL FIRE SYSTEM WIRING DIAGRAM (ANSUL SHOWN)



ELECTRICAL SERVICE FOR LIGHTS, 15 AMP MAX. MUST BE FUSED SEPARATELY FROM FAN CIRCUIT

TO VENTILATOR LIGHTS

FLEXIBLE CONDUIT WITH 3 WIRES AND GROUND, PROVIDED WITH GAYLORD VENTILATOR.



- FIELD WIRING BY OTHERS
 - - - WIRING BY GAYLORD
- WHEN USING MULTIPLE LIGHT SWITCHES ON ONE CIRCUIT, VERIFY THAT THE LOAD DOES NOT EXCEED 15 AMPS (MAX.) IF IT DOES, USE MULTIPLE CIRCUITS.

| SUPPLY VOLTAGE | |
|----------------|------|
| [X] | 120V |
| [] | 220V |
| [] | 50Hz |
| [X] | 60Hz |

Method 1

FOR ELECTRICAL GAS VALVE AND/OR SHUNT TRIP SHUT-OFF AND/OR CONTACTOR SHUT-OFF

MANUAL RESET RELAY INSTALLED BY ELECTRICAL CONTRACTOR. FURNISHED BY: REFER TO FIRE PROTECTION SYSTEM NOTES.

K1a & K1b ARE N/O WHEN K1 IS DE-ENERGIZED

GAS SOLENOID VALVE, N/C. INSTALLED BY PLUMBING CONTRACTOR. FURNISHED BY: REFER TO FIRE PROTECTION SYSTEM NOTES.

TO COOKING EQUIPMENT

POWER SUPPLY

CONTACTOR COIL, N/O CONTACTS, TO SUIT ELECTRICAL LOAD, FURNISHED BY OTHERS. INSTALLED BY ELECTRICAL CONTRACTOR.

Method 2

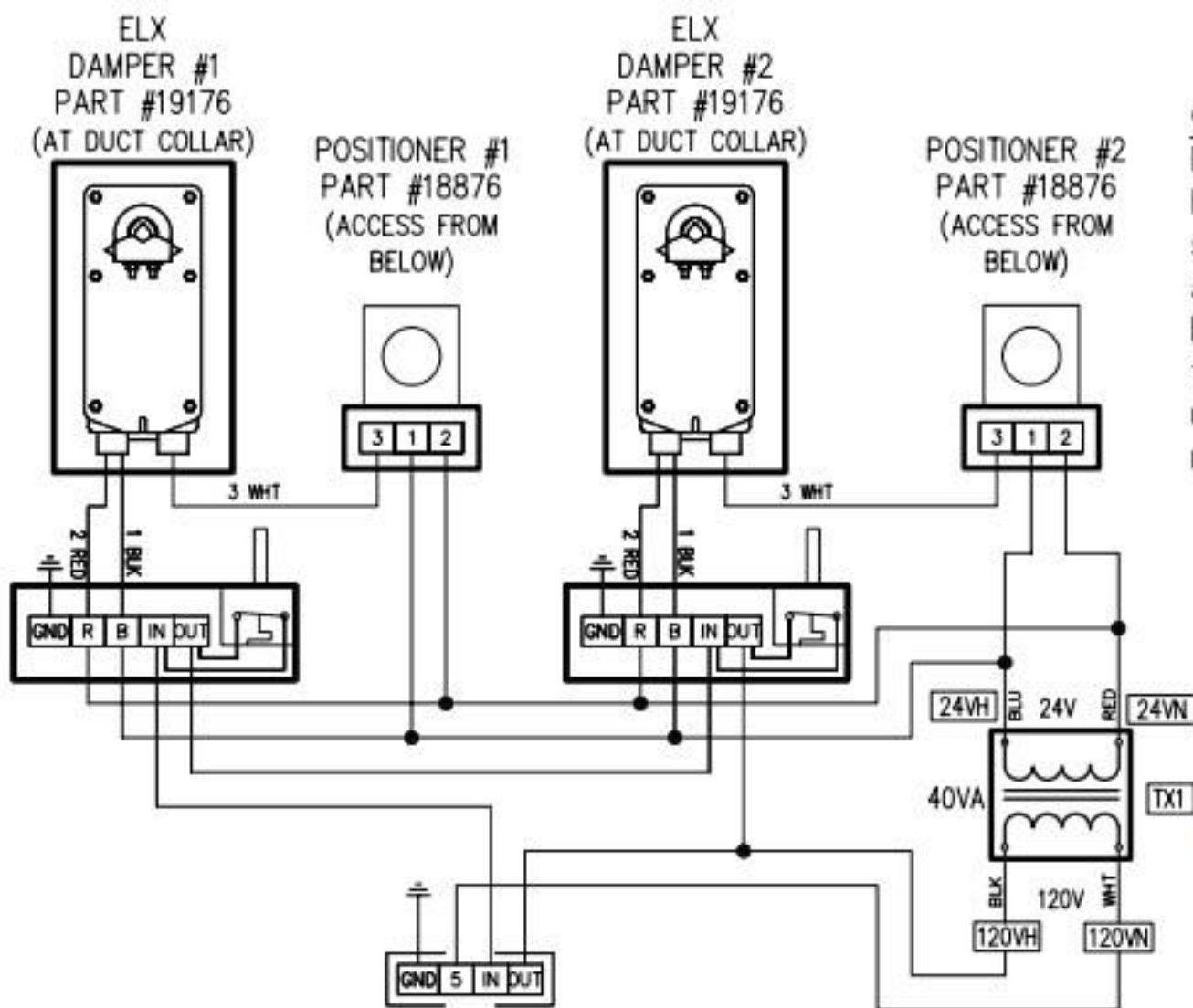
FOR MECHANICAL GAS VALVE AND ELECTRICAL SHUNT TRIP SHUT-OFF

SHUNT TRIP BREAKER WITH COIL CLEARING CONTACTS LOCATED IN ELECTRICAL PANEL. FURNISHED BY OTHERS. INSTALLED BY ELECTRICAL CONTRACTOR.

TO COOKING EQUIPMENT

POWER SUPPLY

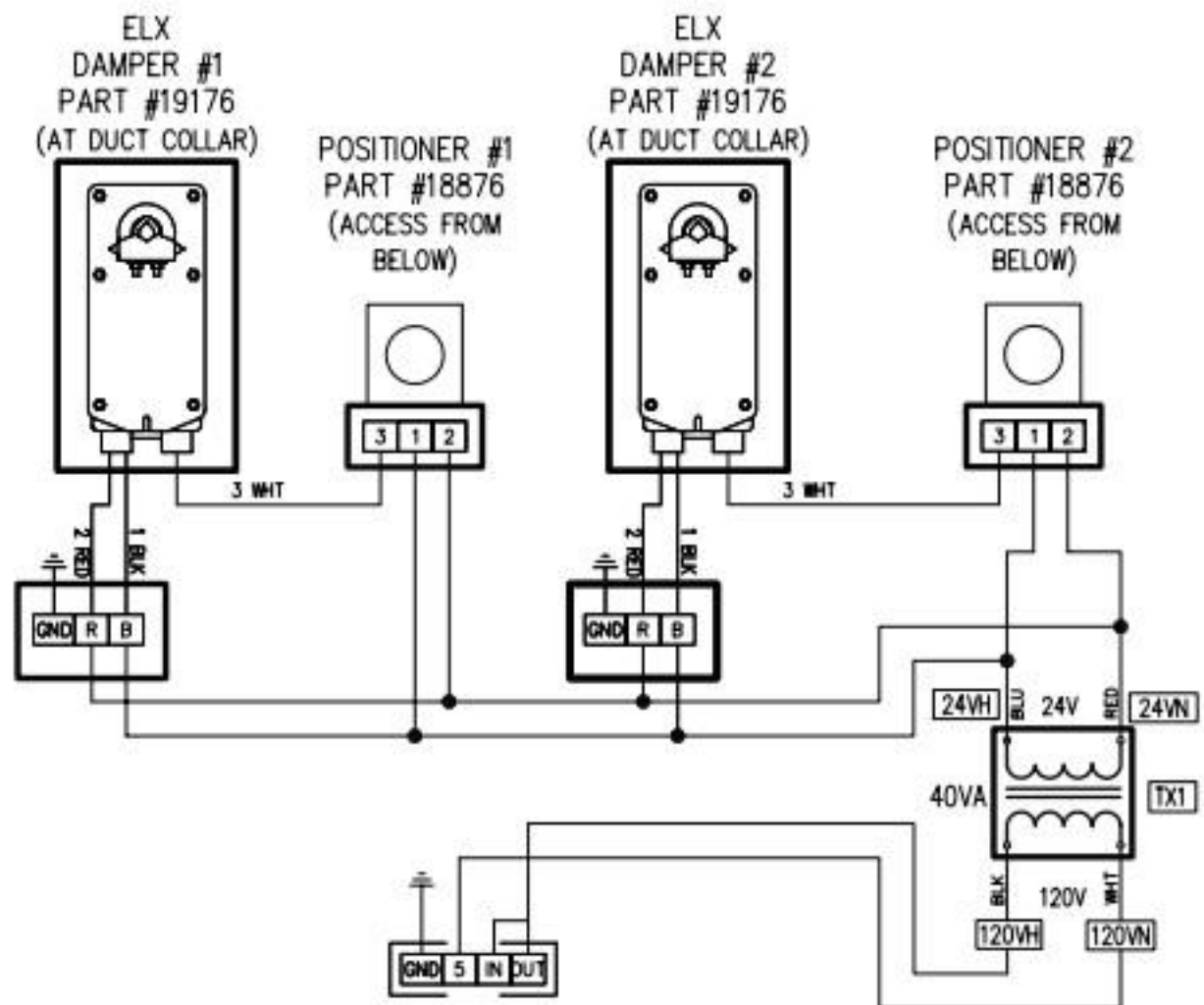
120VAC/20 AMP SERVICE FROM BREAKER PANEL



GFBD (Fire Balancing damper) .
Dual duct wiring shown. Transformer and potentiometer to be accessed inside the hood's canopy unless otherwise noted on the drawings.

Figure 7-2-1
Wiring Diagram
with GFBD

GEBD (Electric Balancing damper) .
Dual duct wiring shown. Transformer and potentiometer to be accessed inside the hood's canopy unless otherwise noted on the drawings.



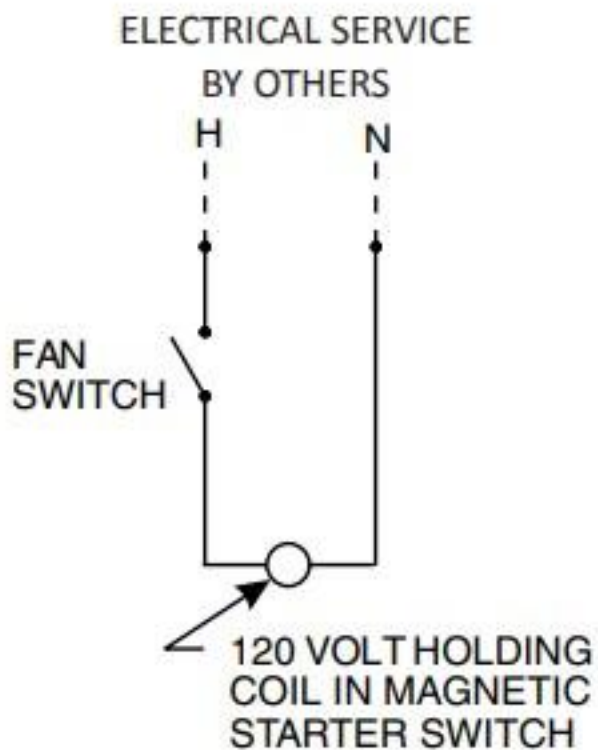


Figure 7-1-1
Typical Exhaust Fan Wiring
For Ventilators Without UV
or Electric Dampers

