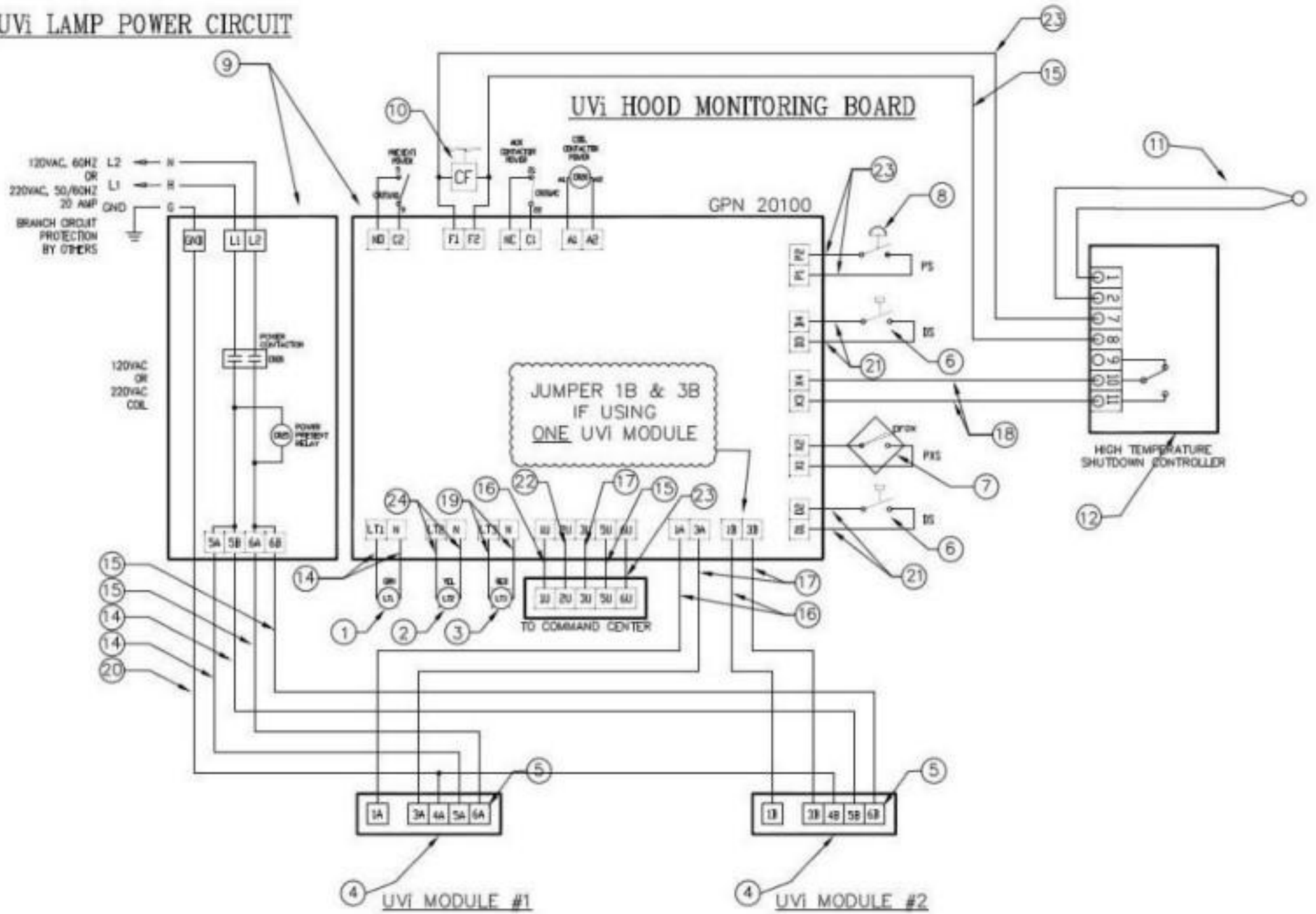


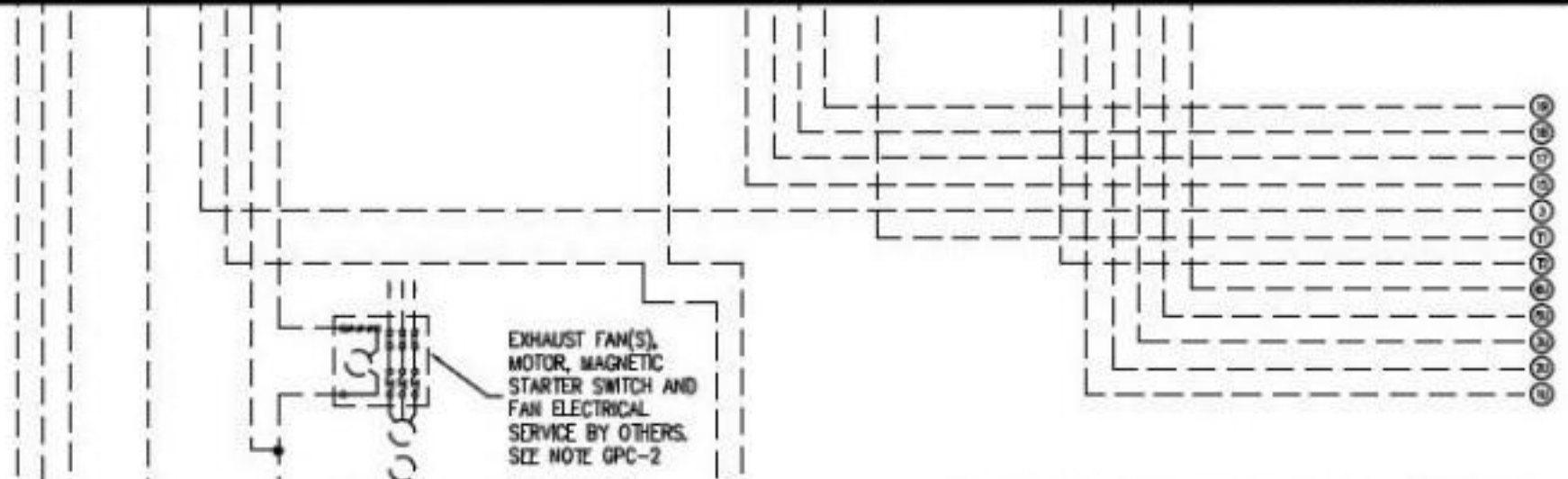
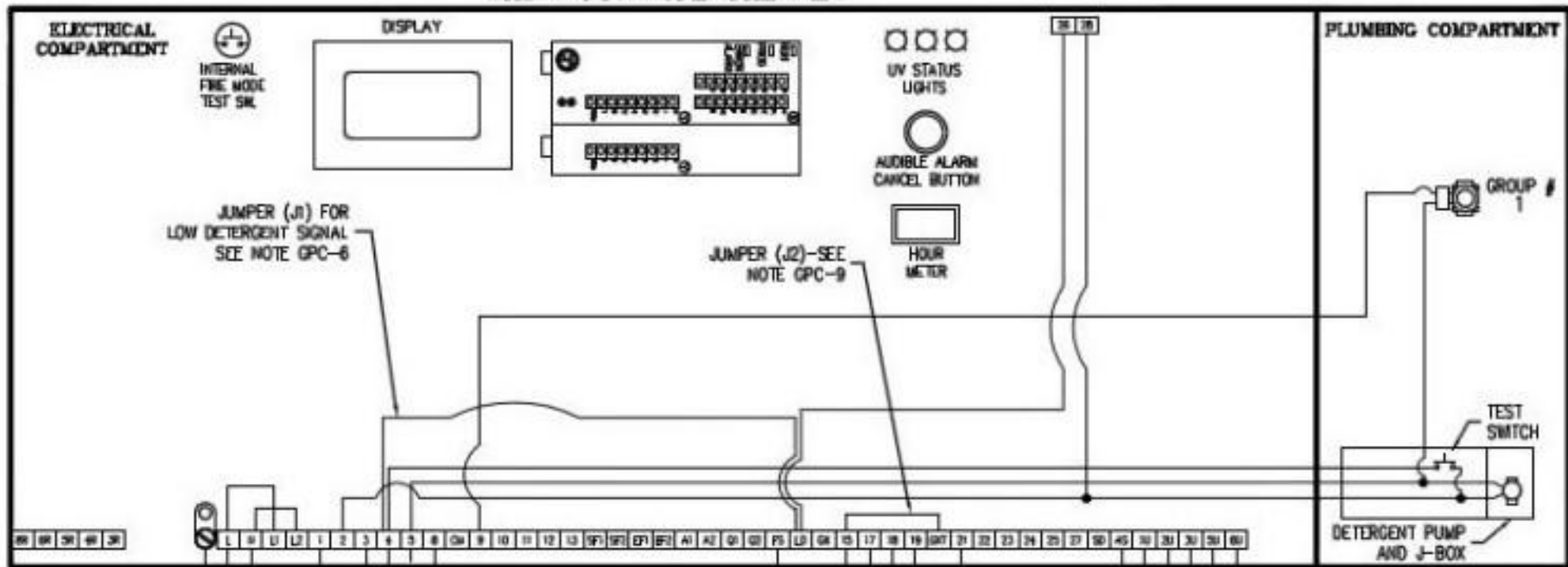
# UVI LAMP POWER CIRCUIT



CG3-UVI HOOD TERMINAL SCHEDULE		
TRM	TERMINATION SCHEDULE	TYPE
L1	MAIN POWER CONNECTION : HOT	120VAC
L2	MAIN POWER CONNECTION : NEUTRAL	0 V
NO,C2	N.O. CONTACTS OF CR25	120VAC
F1	HOT FOR COOLING FAN	120VAC
F2	NEUTRAL FOR COOLING FAN	0 V
NC,C1	N.C. CONTACTS OF CR20	120VAC
A1	HOT FOR CR20	120VAC
A2	NEUTRAL FOR CR20	0 V
P1,P2	TERMINALS FOR PRESSURE SWITCH	120VAC
D1,D2	TERMINALS FOR UV ACCESS DOOR SWITCH #1	120VAC
D3,D4	TERMINALS FOR UV ACCESS DOOR SWITCH #2	120VAC
X1,X2	TERMINALS FOR UV PROXIMITY SWITCHES	120VAC
K3,X4	TERMINALS FOR HIGH TEMP SHUTDOWN, (N.O.)	120VAC
LT1	HOT FOR GREEN LIGHT - "UV SYSTEM ON"	120VAC
LT2	HOT FOR YELLOW LIGHT - "UV LAMP FAILURE"	120VAC
LT3	HOT FOR RED LIGHT - "UV SAFETY INTERLOCK"	120VAC
N	NEUTRAL FOR STATUS LIGHTS	0 V
1U	OUTPUT - "UV SYSTEM ON" (GREEN)	120VAC
2U	OUTPUT - "UV LAMP FAILURE" (YELLOW)	120VAC
3U	OUTPUT - "UV SAFETY INTERLOCK" (RED)	120VAC
5U	120VAC NEUTRAL LEG	0 V
6U	SWITCHED POWER FOR UV LAMP CIRCUIT	120VAC
1A	UV CONTROLLER - SUMMARY ALARM - N/C	120VAC
3A	UV CONTROLLER - SUMMARY ALARM - COMMON	120VAC
4A	UV CONTROLLER - INPUT POWER - GROUND	0 V
5A	UV CONTROLLER - INPUT POWER - HOT	120VAC
6A	UV CONTROLLER - INPUT POWER - NEUTRAL	0 V
1B	UV CONTROLLER - SUMMARY ALARM - N/C	120VAC
3B	UV CONTROLLER - SUMMARY ALARM - COMMON	120VAC
4B	UV CONTROLLER - INPUT POWER - GROUND	0 V
5B	UV CONTROLLER - INPUT POWER - HOT	120VAC
6B	UV CONTROLLER - INPUT POWER - NEUTRAL	0 V

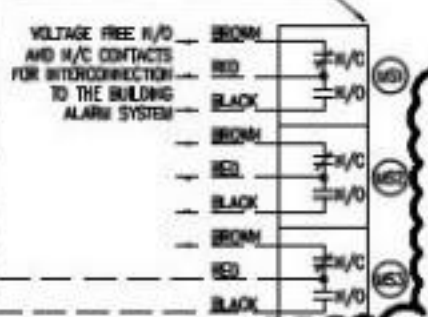
24	GPN 15245	18 AWG CONTROL WIRE (YELLOW)	VARIABLE	BO
23	GPN 13160	18 AWG CONTROL WIRE (PINK)	VARIABLE	BO
22	GPN 19384	18 AWG CONTROL WIRE (BROWN)	VARIABLE	BO
21	GPN 19383	18 AWG CONTROL WIRE (BLUE)	VARIABLE	BO
20	GPN 19389	18 AWG CONTROL WIRE (GREEN)	VARIABLE	BO
19	GPN 19385	18 AWG CONTROL WIRE (RED)	VARIABLE	BO
18	GPN 19387	18 AWG CONTROL WIRE (GRAY)	VARIABLE	BO
17	GPN 19388	18 AWG CONTROL WIRE (PURPLE)	VARIABLE	BO
16	GPN 19429	18 AWG CONTROL WIRE (ORANGE)	VARIABLE	BO
15	GPN 19386	18 AWG CONTROL WIRE (WHITE)	VARIABLE	BO
14	GPN 19382	18 AWG CONTROL WIRE (BLACK)	VARIABLE	BO
13	GPN 20392	LOVE / TCS TEMP CONTROLLER MOUNT (NOT SHOWN)	1	00
12	GPN 20421	LOVE / TCS SERIES TEMPERATURE CONTROLLER	1	BO
11	GPN 20394	TEMP CONTROL THERMOCOUPLE	1	00
10	GPN 19430	124 CFM OPEN AXIAL FAN	1	BO
9	GPN 76028	UVI HOOD MONITOR-02-USA-120V	1	BO
8	GPN 19365	UV-P/S 1910-00 PRESET 0.07"WD	1	BO
7	GPN 19416	PROXIMITY SWITCH - 1/2" CORD	1	BO
6	GPN 19355	UV ACCESS DOOR SWITCH 3AMP/250VAC/D	1-2	BO
5	GPN 11033	20-14 AWG PH CONTACT	5 / 10	BO
4	GPN 16903	6 CIRCUIT CAP HOUSING	1	BO
3	GPN 19723	RED 130V LED 16MM IP LAMP	1	BO
2	GPN 19724	FLT YELLOW LED CHROME 1ND LAMP	1	BO
1	GPN 19725	GREEN 130V LED 16MM IP LAMP	1	BO
ITEM NO.	DWG. NUMBER	DESCRIPTION	QTY.	REV

# WASH CONTROL CABINET

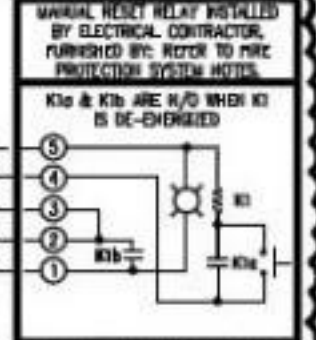


## TYPICAL FIRE SYSTEM WIRING DIAGRAM (ANSUL SHOWN)

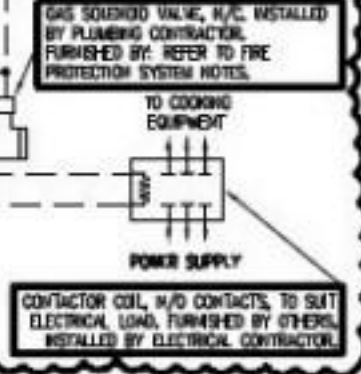
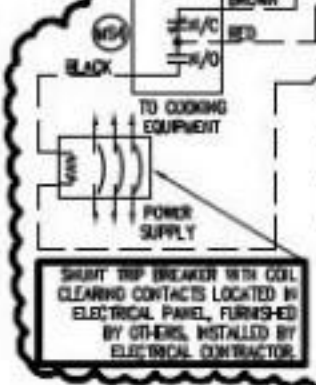
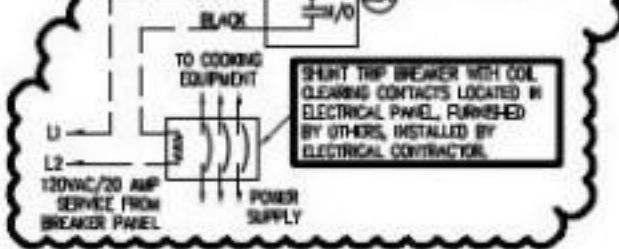
(4) FIRE SYSTEM DUAL MICRO SWITCHES LOCATED IN AUTOMATIC SWITCHES SHOWN IN COOKED POSITION (SYSTEM READY)



### Method 1 FOR ELECTRIC GAS VALVE AND/OR SHUT TRIP SHUT-OFF AND/OR CONTACTOR SHUT-OFF



### Method 2 FOR MANUAL GAS VALVE AND ELECTRICAL SHUT TRIP SHUT-OFF

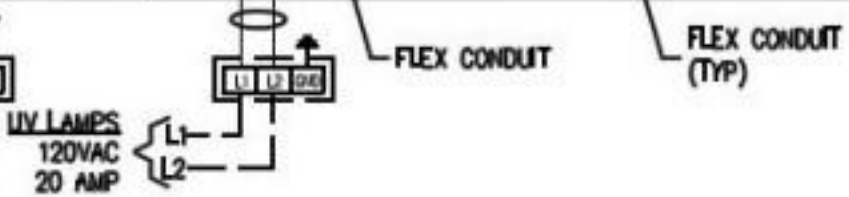
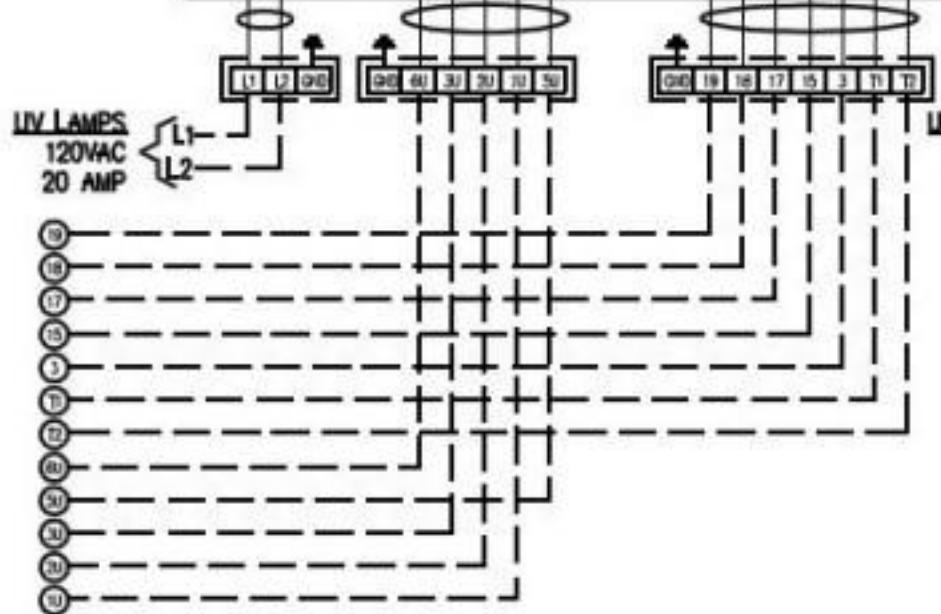
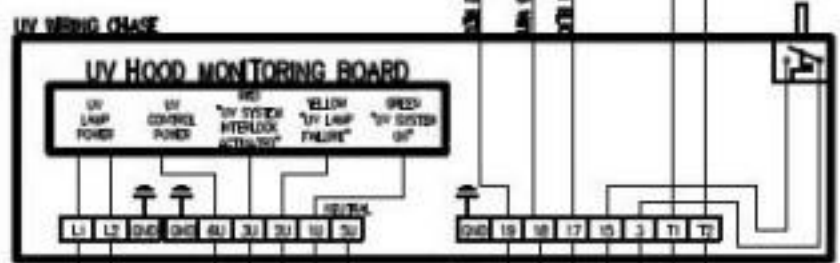
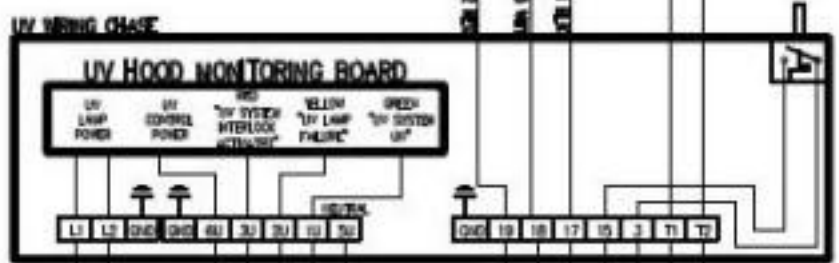
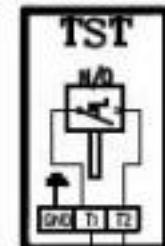
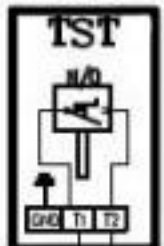


1st Hood  
1st Section

Add'l  
Section(s)

**UV WIRING NOTES**  
EACH VENTILATOR SECTION REQUIRES A SEPARATE CIRCUIT.

**UV WIRING NOTES**  
EACH VENTILATOR SECTION REQUIRES A SEPARATE CIRCUIT.



- 19
- 18
- 17
- 15
- 3
- T1
- T2
- BU
- BU
- BU
- BU
- BU

---- FIELD WIRING BY OTHERS  
 \_\_\_\_\_ WIRING BY GAYLORD

**GAYLORD AUTOSTART  
 THERMOSTAT  
 "TST" NOTES**

- A) INSTALLED IN HOOD
- B) PRESET TO 90F AT FACTORY
- C) IN SOME CLIMATES AND/OR CONDITIONS,  
 IT MAY BE NECESSARY TO ADJUST THE  
 "TST" TEMPERATURE SETTING IN THE  
 FIELD BY OTHERS

**Table T-8-4-1  
 Terminal Connections Points**

--- SUPPLY VOLTAGE --- 120 VAC, 60Hz. 15 AMPS MAXIMUM - CONNECTED LOAD		
TRM	TERMINATION SCHEDULE	TYPE
L	MAIN POWER CONNECTION : HOT	120VAC
N	MAIN POWER CONNECTION : NEUTRAL	0 V
L1	MAIN POWER CONNECTION : HOT DO NOT CONNECT INCOMING POWER	120VAC
L2	MAIN POWER CONNECTION : NEUTRAL DO NOT CONNECT INCOMING POWER	0 V
1	OUTPUT-SUP. FAN STARTER (1 AMP MAX.)	120VAC
2	OUTPUT TO DETERGENT PUMP - HOOD(S)	120VAC
3	THERMOSTAT RETURN - HOOD(S)	24VAC
4	FUSED SUPPLY TO PLC OUTPUTS & ETC	120VAC
5	120VAC NEUTRAL LEG	0 V
8	OUTPUT-EXH. FAN STARTER (1 AMP MAX.)	120VAC
CM	OUTPUT TO COLD WATER MIST SOLENOID	120VAC
9	OUTPUT TO WASH SOLENOID VALVE #1	120VAC
10	OUTPUT TO WASH SOLENOID VALVE #2	120VAC
11	OUTPUT TO WASH SOLENOID VALVE #3	120VAC
12	OUTPUT TO WASH SOLENOID VALVE #4	120VAC
13	OUTPUT TO WASH SOLENOID VALVE #5	120VAC
SF1	N.O. DRY CONTACTS FOR SUPPLY FAN	N/A
SF2	REMOTE CONTROL CENTER	N/A
EF1	N.O. DRY CONTACTS FOR EXHAUST FAN	N/A
EF2	REMOTE CONTROL CENTER	N/A
A1	N.O. DRY CONTACTS FOR INTERFACE TO	N/A
A2	BUILDING FIRE ALARM / MONITOR SYSTEM	N/A
Q1	N.C. DRY CONTACTS FOR INTERFACE TO	N/A
Q2	BUILDING FIRE ALARM / MONITOR SYSTEM	N/A
FS	INPUT FROM REMOTE FIRE SWITCH	120VAC
LD	INPUT FROM DETERGENT FLOW SWITCH	120VAC
QK	POWER FOR QK2 DAMPER ACTUATORS	24VAC
15	OUTPUT TO THERMOSTAT(S)	24VAC
17	24VAC COMMON	0 V
18	QK3 DAMPER DRIVE SIGNAL	0-24VAC
19	POWER FOR QK3 DAMPER ACTUATORS	24VAC
GKT	THERMOSTAT RETURN FOR QK2 HOODS	24VAC
21	SUPPLY TO OUTPUTS	24VDC
22	DISABLE WASH SOLENOIDS DURING AN INT. OR EXT. FIRE MODE JUMPER	24VDC INPUT
23	INPUT - WASH START PERMISSION FROM A REMOTE LOCATION	24VDC INPUT
24	INPUT - START FAN SIGNAL FROM A REMOTE LOCATION	24VDC INPUT
25	INPUT - START WASH SIGNAL FROM A REMOTE LOCATION	24VDC INPUT
26	INPUT - LOW DETERGENT SIGNAL (SUB PANEL / ESP WASHES)	120VAC INPUT
27	INPUT - START FAN/START WASH SIGNAL FROM A REMOTE LOCATION	24VDC INPUT
28	OUTPUT - DETERGENT PUMP # 2 (SUB PANEL / RSPC-ESP)	120VAC
SD	OUTPUT - SOLENOID DRAIN	120VAC
AS	INPUT - "TST" TEMPERATURE SENSING THERMOSTAT	24VDC INPUT

TRM	TERMINATION SCHEDULE	TYPE
3R	THERMOSTAT RETURN - PCU	120VAC
4R	FUSED SUPPLY - PCU	120VAC
5R	120VAC NEUTRAL LEG - PCU	0VAC
6R	SWITCHED POWER FOR PCU POWER PACKS	120VAC
8R	CONTROL VOLTAGE TO MAG STARTER	120VAC

TRM	TERMINATION SCHEDULE	TYPE
1U	INPUT FROM "UV SYSTEM ON" (GREEN)	120VAC
2U	INPUT FROM "UV LAMP FAILURE" (AMBER)	120VAC
3U	INPUT FROM "UV SAFETY INTERLOCK" (RED)	120VAC
5U	NEUTRAL LEG	0V
6U	OUTPUT TO UV LAMPS CONTACTOR	120VAC