HOOD INFORMATION

HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM TOTAL EXH. CFM	RISER(S) WIDTH	RISER(S) LENG.	RISER(S) DIA.	RISER(S) CFM	RISER(S) S.P.	SUPPLY PLENUM TOTAL SUP. CFM	RISER(S) WIDTH	RISER(S) LENG.	RISER(S) DIA.	RISER(S) CFM	RISER(S) S.P.	HOOD CONSTRUCTION	HOOD CONFIG. END TO END	ROW
1	5424 ND-2-PSP-F	12' 0.00"Nom. 12' 0.00"OD	450 Deg.	2200	12"	18"		2200	-0.412"	1760	12" 12"	24" 24"		880 880	0.093" 0.093"	430 SS Where Exposed	LEFT	N/A
2	5424 ND-2-PSP-F	12' 0.00"Nom. 12' 0.00"OD	600 Deg.	3300	12"	26"		3300	-0.633"	2640	12" 12"	24" 24"		1320 1320	0.197" 0.197"	430 SS Where Exposed	RIGHT	N/A
3	4824 VHB	3' 0.00"Nom. 3' 0.00"OD	700 Deg.	450	8"	9"		450	-0.054"	0						430 SS 100%	ALONE	N/A
4	3612 VHB	6' 0.00"Nom. 6' 0.00"OD	700 Deg.	1050	9"	9"		1050	-0.200"	0						430 SS 100%	ALONE	N/A

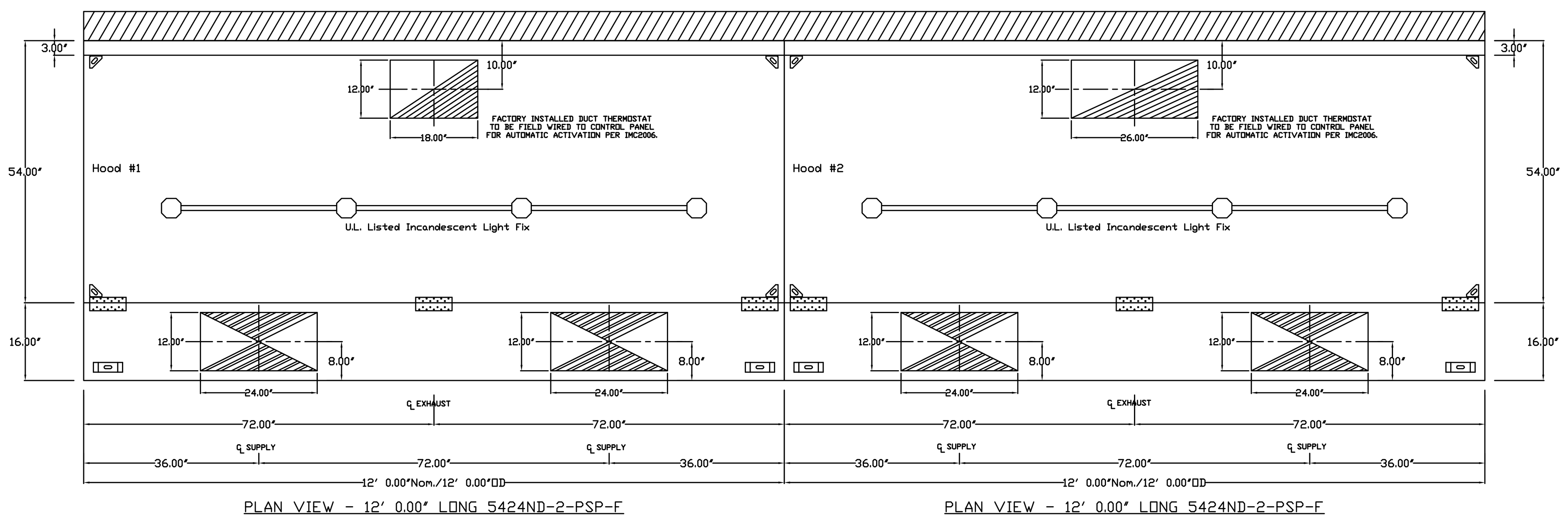
HOOD INFORMATION

HOOD NO.	FILTER(S) TYPE	QTY.	HEIGHT	LENGTH	LIGHT(S) QTY.	TYPE	WIRE GUARD	LOCATION	UTILITY CABINET(S) FIRE SYSTEM TYPE	SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	SWITCHES LOCATION	FIRE SYSTEM PIPING	HOOD WEIGHT
1	SS Baffle with Handles	4 4	16" 16"	16" 20"	4	Incandescent Light Fix	NO							YES	714 LBS.
2	SS Baffle with Handles	4 4	16" 16"	16" 20"	4	Incandescent Light Fix	NO							YES	714 LBS.
3					1	Incandescent Light Fix	NO							NO	205 LBS.
4					0									NO	116 LBS.

HOOD OPTIONS

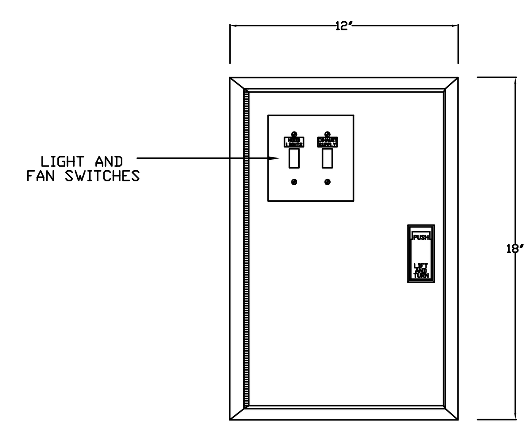
HOOD NO.	OPTION
1	FIELD WRAPPER 17.00" High Front, Left
	BACKSPLASH 84.00" High X 144.00" Long 430 SS
2	FIELD WRAPPER 17.00" High Front, Right
	BACKSPLASH 84.00" High X 144.00" Long 430 SS
3	FIELD WRAPPER 17.00" High Front, Left, Right
	BACKSPLASH 84.00" High X 36.00" Long 430 SS

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH
NFPA #96
NSF
UL 710 & ULC710 STANDARDS
E.T.L. LISTED 3054804-001
IMC 2006
SECTIONS 507, 508, & 509



PLAN VIEW - 12' 0.00" LONG 5424ND-2-PSP-F

PLAN VIEW - 12' 0.00" LONG 5424ND-2-PSP-F



DETAIL OF REMOTE S/S BOX

ELECTRICAL PACKAGES

NO.	TAG	PACKAGE #	LOCATION	SWITCHES LOCATION	SWITCHES QUANTITY	ROOFTOP STARTERS	OPTION	FANS CONTROLLED TYPE	Ø	H.P.	VOLT.	FLA
1	es-1	321110FP	Wall Mount In SS Box	SS Wall Mount Box	1 Light 1 Fan		Fans On/Off Thermostatically Controlled	Exhaust	3	1.000	208	3.3
								Exhaust	3	1.500	208	4.7
								Supply	3	3.000	208	9.5

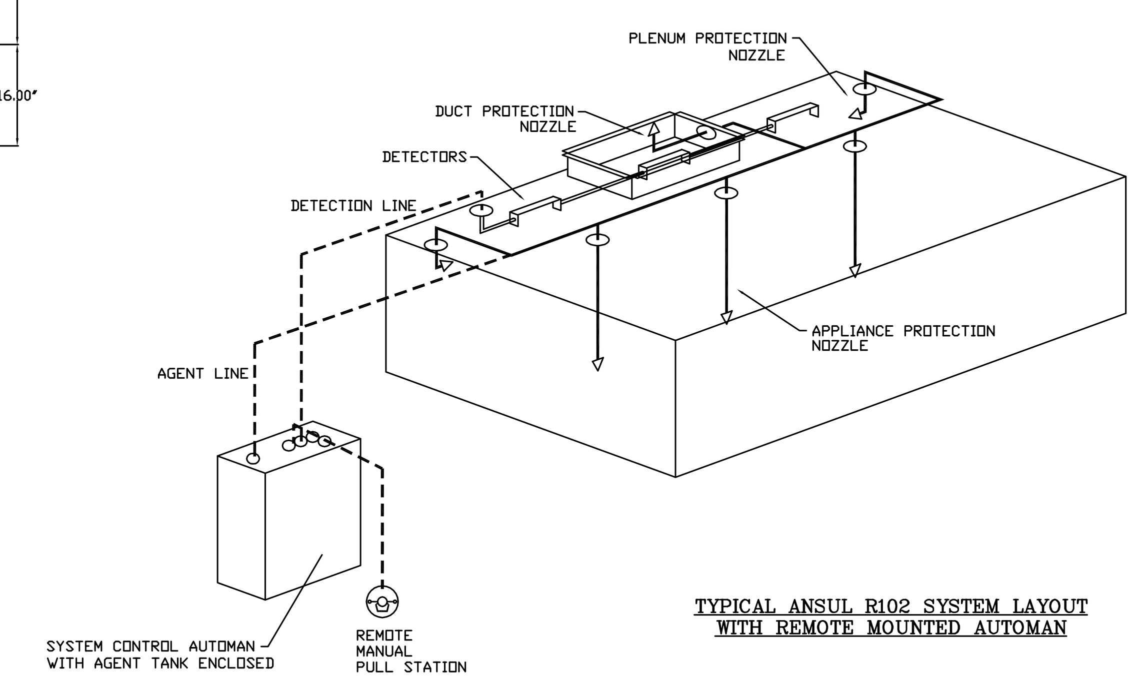
SPECIFICATIONS

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED WITH UNDERWRITERS LABORATORIES, INC. (UL)

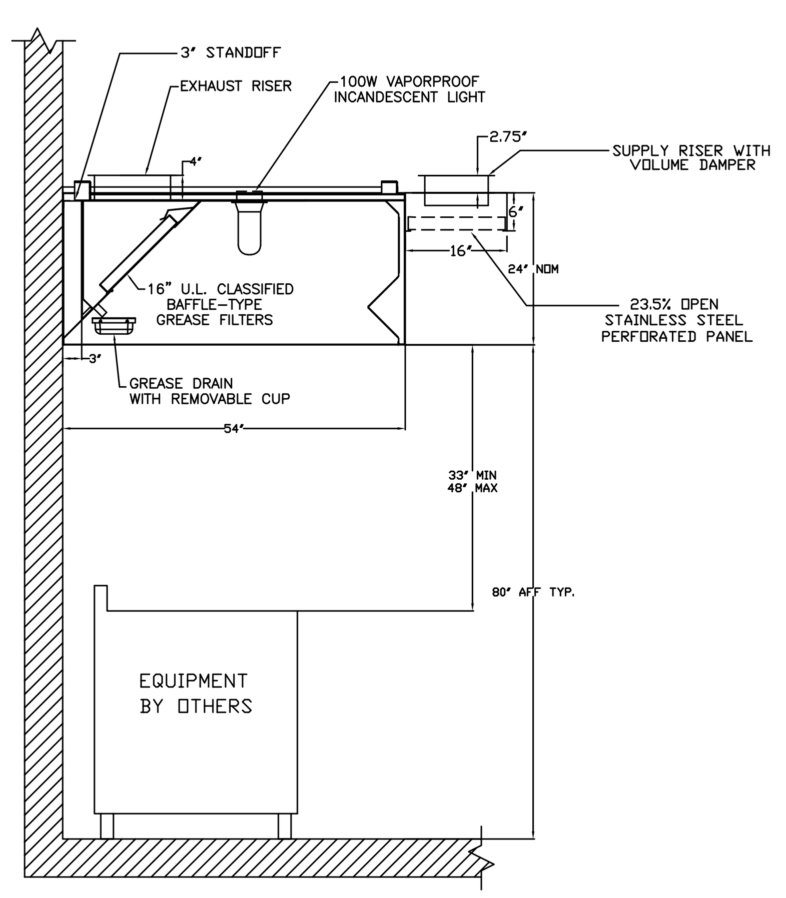
THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCKDOWN AND SECUREMENT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.

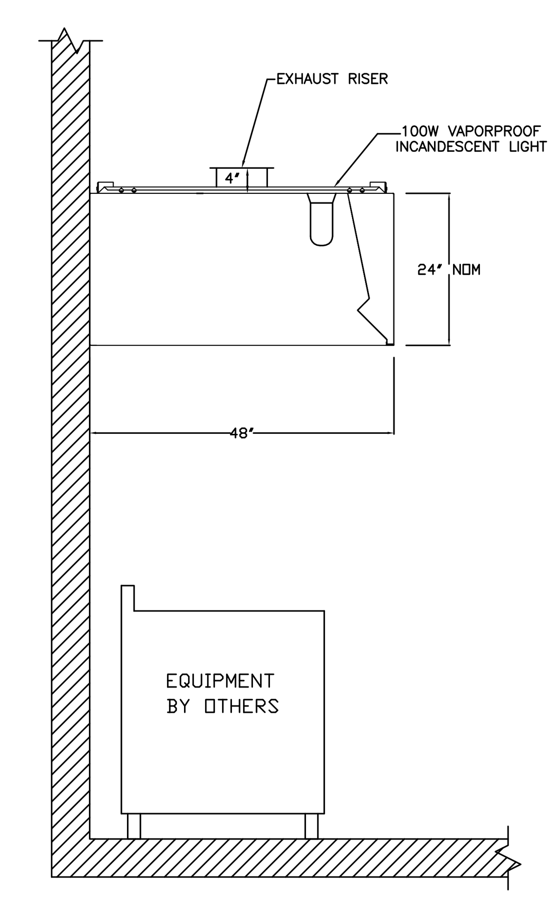
THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/ LINKAGE ASSEMBLY.



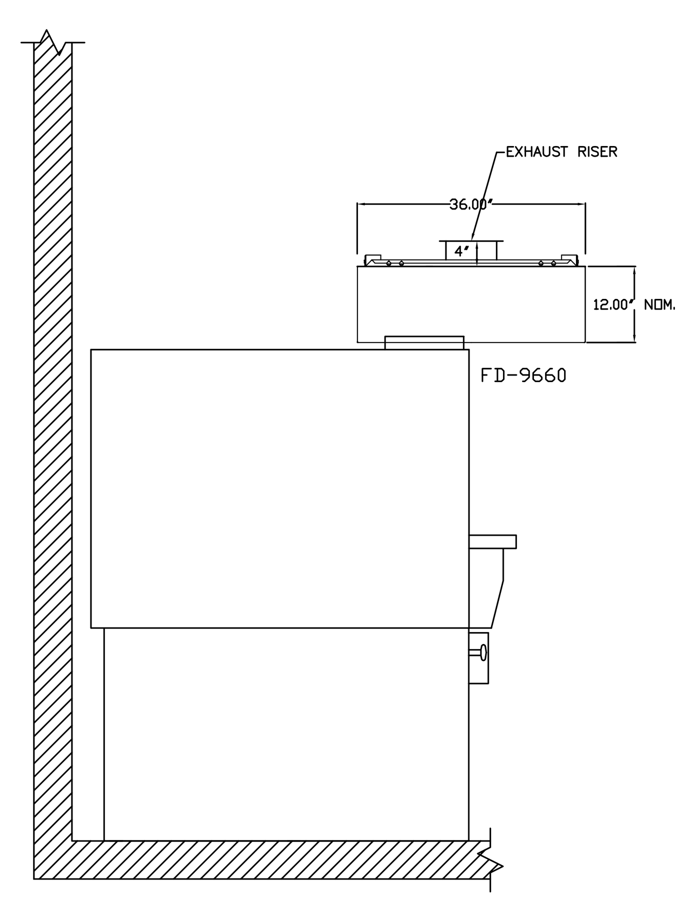
TYPICAL ANSUL R102 SYSTEM LAYOUT WITH REMOTE MOUNTED AUTOMAN



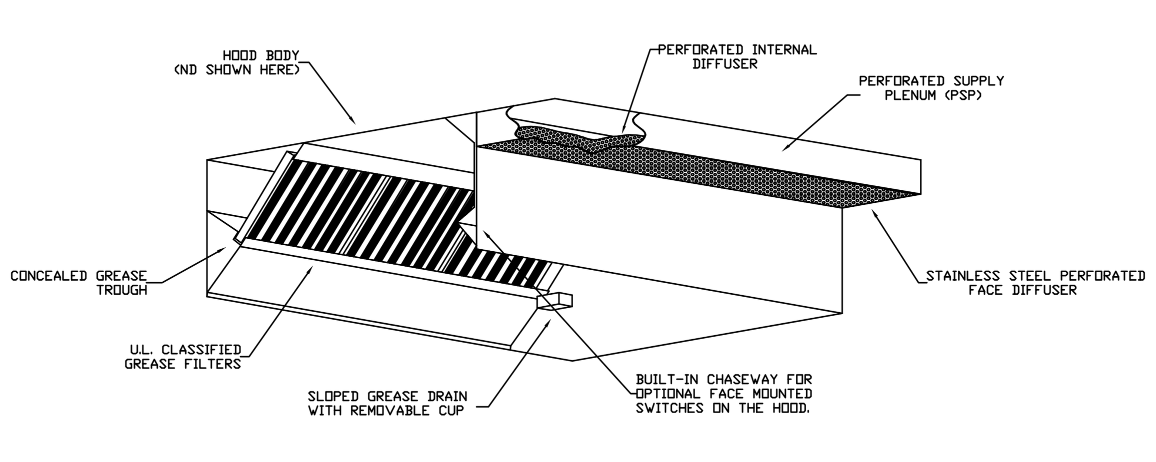
SECTION VIEW - MODEL 5424-ND-2-PSP-F

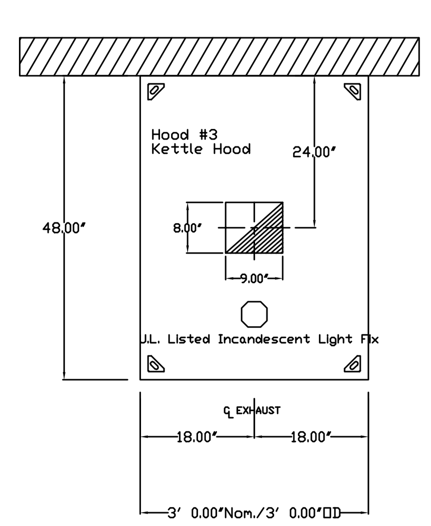


SECTION VIEW - MODEL 4824-VHB-With Lights

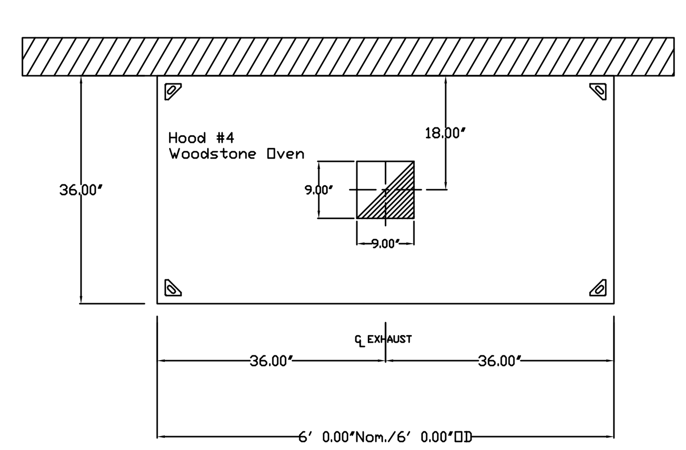


SECTION VIEW - MODEL 3612-VHB





PLAN VIEW - 3' 0.00" LONG 4824VHB

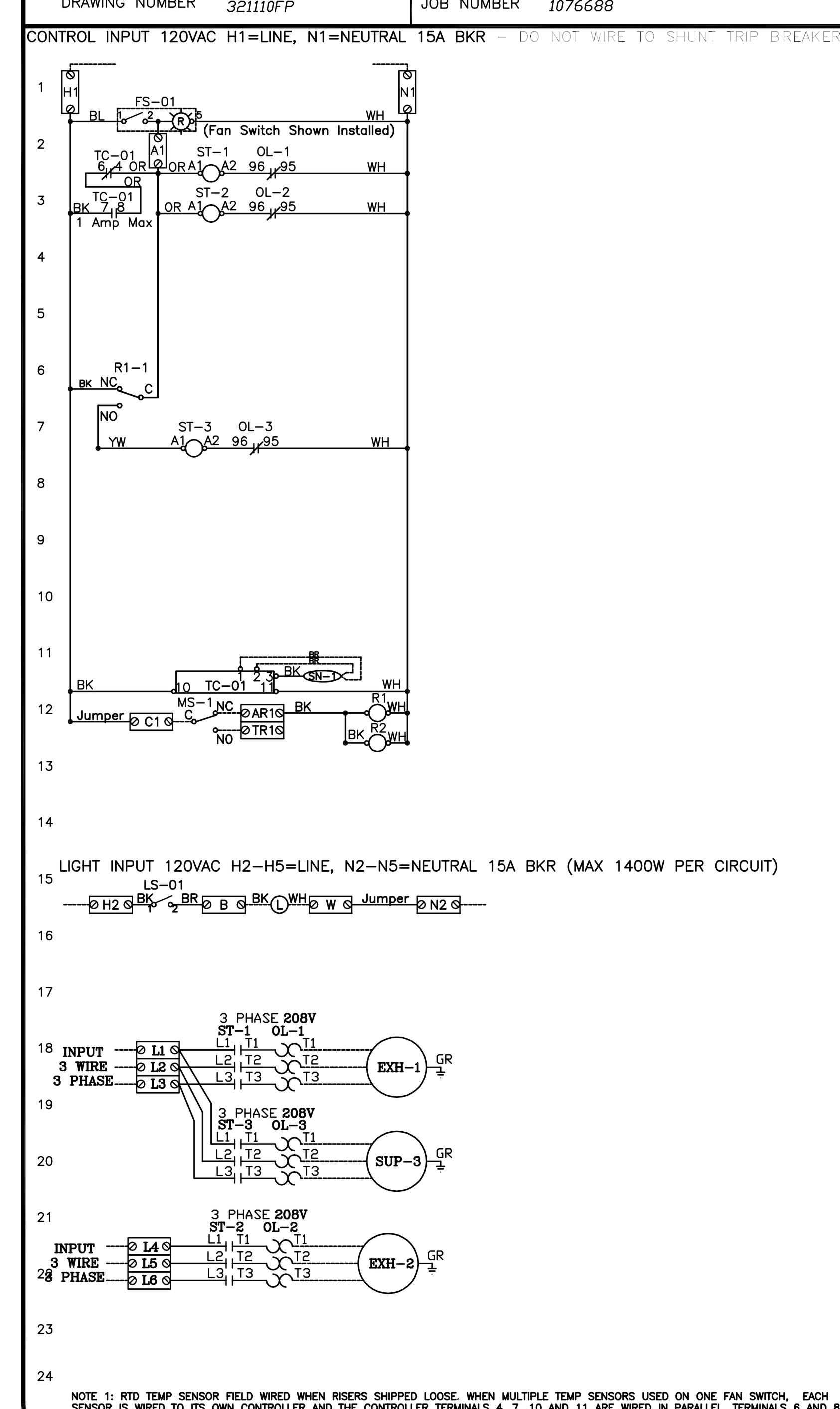


PLAN VIEW - 6' 0.00" LONG 3612VHB

ELECTRICAL PREWIRE PACKAGE	JOB NAME Piazza Mia - Camden, DE	DATE 1/27/2010
DRAWING NUMBER 321110FP	JOB NUMBER 1076688	DRAWN BY

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

3 Phase, W/ 2 Exhaust Fans, 1 Supply Fan, Exhaust in Fire, Fan On/Off Thermostatically Controlled.



COMPONENT PARTS LIST

LABEL	DESCRIPTION	LOCATION
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 DPDT - 34.110.0146.0	

TC-XX TEMPERATURE CONTROLLER PXR4-WAS1-GV0A7
SN-X RTD TEMPERATURE SENSOR (See Note 1)

SPARE FIRE DRY CONTACTS

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

TR: Tripped, AR: Armed, C: Common

Motor	Type	PH	Volt	HP	FLA	BREAKER
Exh-1	Exh	3	208	1	3.3	20 Amp
Sup-3	Sup	3	208	3	9.5	-- Amp
Exh-2	Exh	3	208	1.5	4.7	15 Amp

NOTES

DENOTES FIELD WIRING
DENOTES INTERNAL WIRING

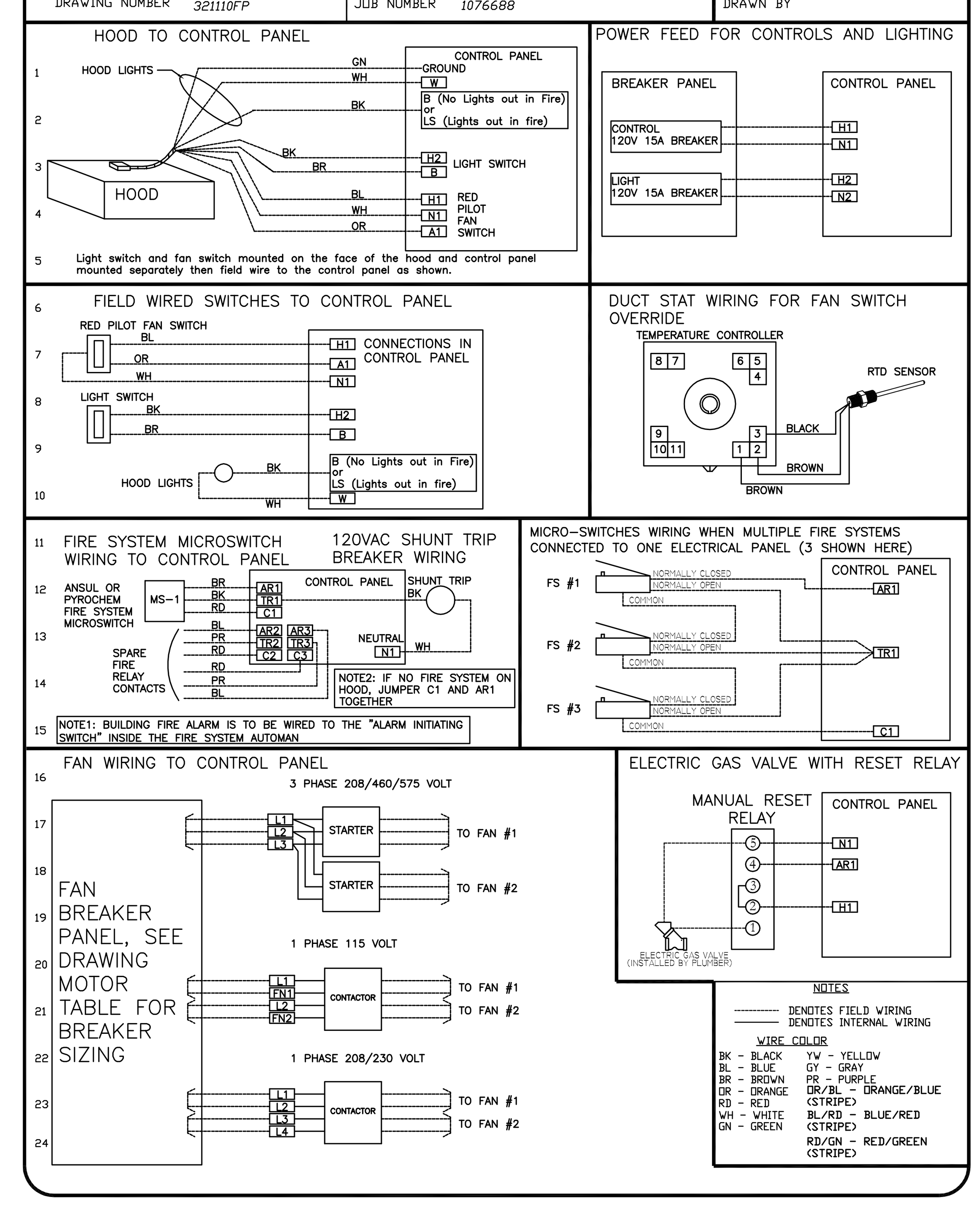
WIRE COLOR

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 Piazza Mia - Camden, DE	DATE 1/27/2010
DRAWING NUMBER 321110FP	JOB NUMBER 1076688	DRAWN BY



NOTES

DENOTES FIELD WIRING
DENOTES INTERNAL WIRING

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OR - ORANGE OR/BL - ORANGE/BLUE (STRIPE)
RD - RED BL/RD - BLUE/RED (STRIPE)
WH - WHITE RD/GN - RED/GREEN (STRIPE)
GN - GREEN

FOR QUESTIONS, CALL THE
DELAWARE/ NEW JERSEY REGIONAL SALES OFFICE
560 STOKES ROAD; MEDFORD, NJ 08055
PHONE: (609) 654-8368, (866) 658-8368
FAX: (919) 747-5604

CAPTIVEAIRE

JOB Piazza Mia	
LOCATION Camden, DE	
DATE 1/27/2010	JOB # 1076688
DWG # PiazzaMia	DRAWN BY SMB
REV. 2-03/09/2010	SCALE 1/2"