

HOOD INFORMATION

HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	EXHAUST					SUPPLY		HANGING WEIGHT LBS.	SECTION LOCATION	
			LENGTH	WIDTH	HEIGHT			TOTAL CFM	COLLAR(S)			MUA CFM	AC CFM				
1	HOOD 1 ISLAND 1F	XXDW-144-S	144	60	24	300 SS 100%	HEAVY	2500	10	24		2500	0.553	2126		617	SINGLE

HOOD INFORMATION

HOOD NO.	MARK	LIGHTING DETAILS			GREASE FILTRATION DETAILS			UTILITY CABINET(S)							
		FIXTURE TYPE	BULB / LAMP INFO	QTY	FOOT CANDLES	TYPE / MODEL	MATERIAL	QTY	SIZE (IN.)	LOCATION	FIRE SYSTEM		CONTROLS		
1	HOOD 1 ISLAND 1F	ROUND LED		3	69.77	X-TRACTOR (SPARK ARRESTOR INCL.)	STAINLESS STEEL	4	16	20	LEFT	ANSUL R102	6	XKC	TOUCHSCREEN

SUPPLY PLENUM INFORMATION

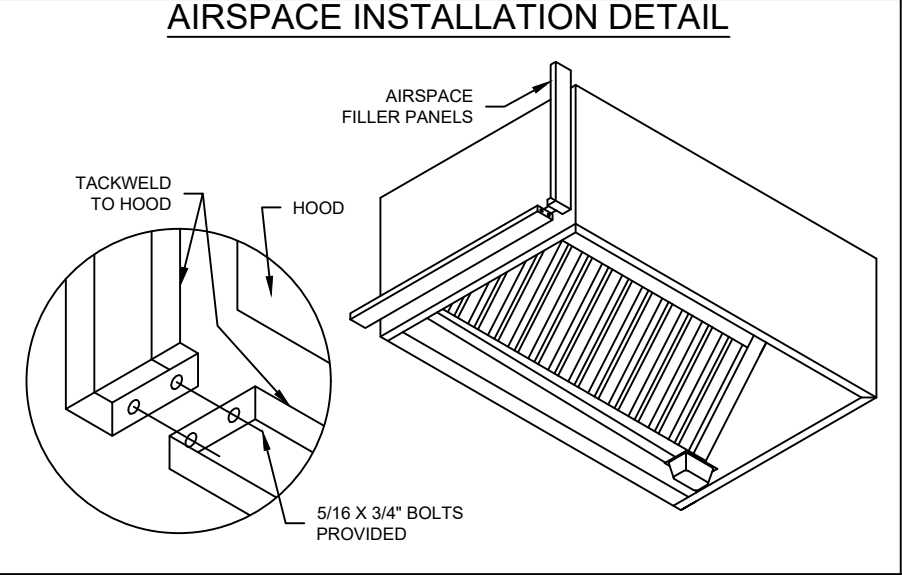
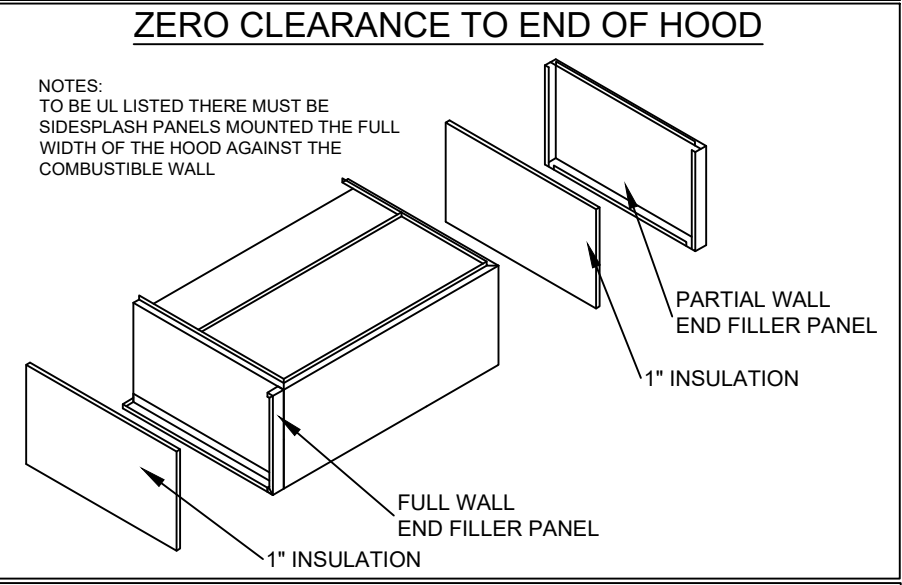
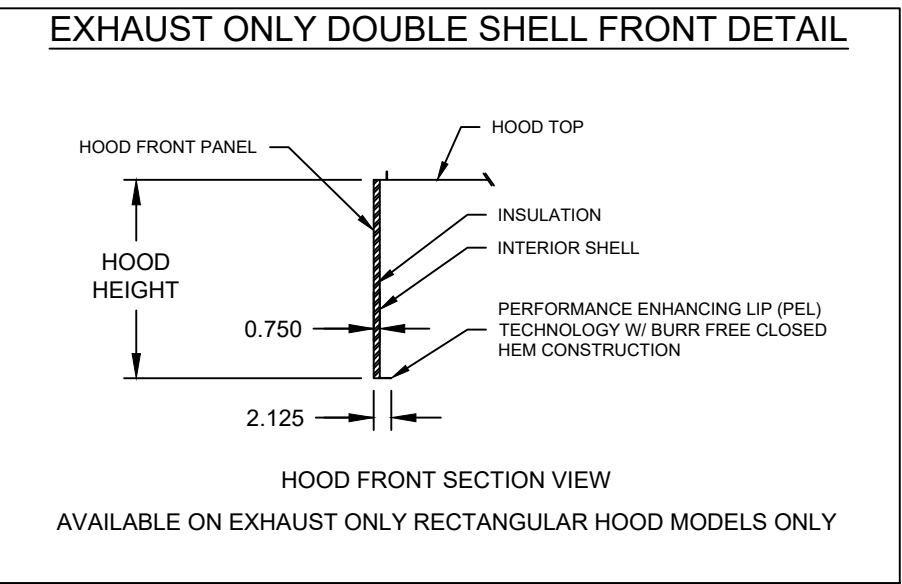
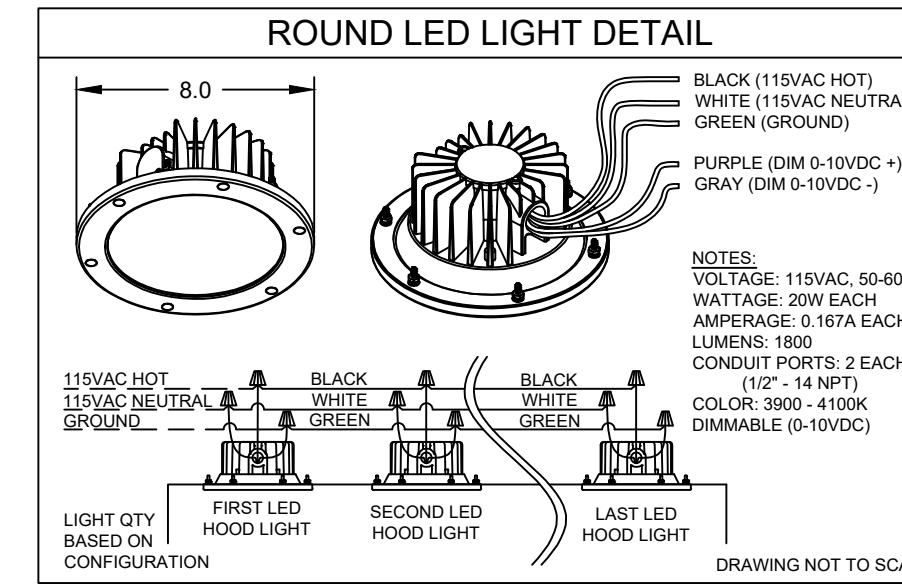
HOOD NO.	MARK	POS.	TYPE	SIZE (IN.)			INSULATED	DAMPER(S)	LED LIGHT(S)		TOTAL CFM	TOTAL S.P.	COLLARS									
				L	W	H			SUPPLIED	QTY			TYPE	MOUNTING	QTY	W	L	DIA.	CFM	VEL.		
1	HOOD 1 ISLAND 1F	FRONT	ASP	78.5	14	4	NO	YES	NO		1063	0.01	MUA	FACTORY	2	12	26				532	246
1	HOOD 1 ISLAND 1F	FRONT	ASP	78.5	14	4	NO	YES	NO		1063	0.01	MUA	FACTORY	2	12	26				532	246

HOOD OPTIONS

UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625
 HOOD TOP INSULATED FOR ZERO CLEARANCE TO COMBUSTIBLES
 BACK INTEGRAL AIR SPACE - 3 IN WIDE
 BACK NON-INTEGRAL AIR SPACE - 9 IN WIDE
 RIGHT NON-INTEGRAL AIR SPACE - 1 IN THICK - ZERO CLEARANCE
 FACTORY MOUNTED EXHAUST COLLAR(S)
 FILTER REMOVAL TOOL INCLUDED - QTY 1
 PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
 STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH

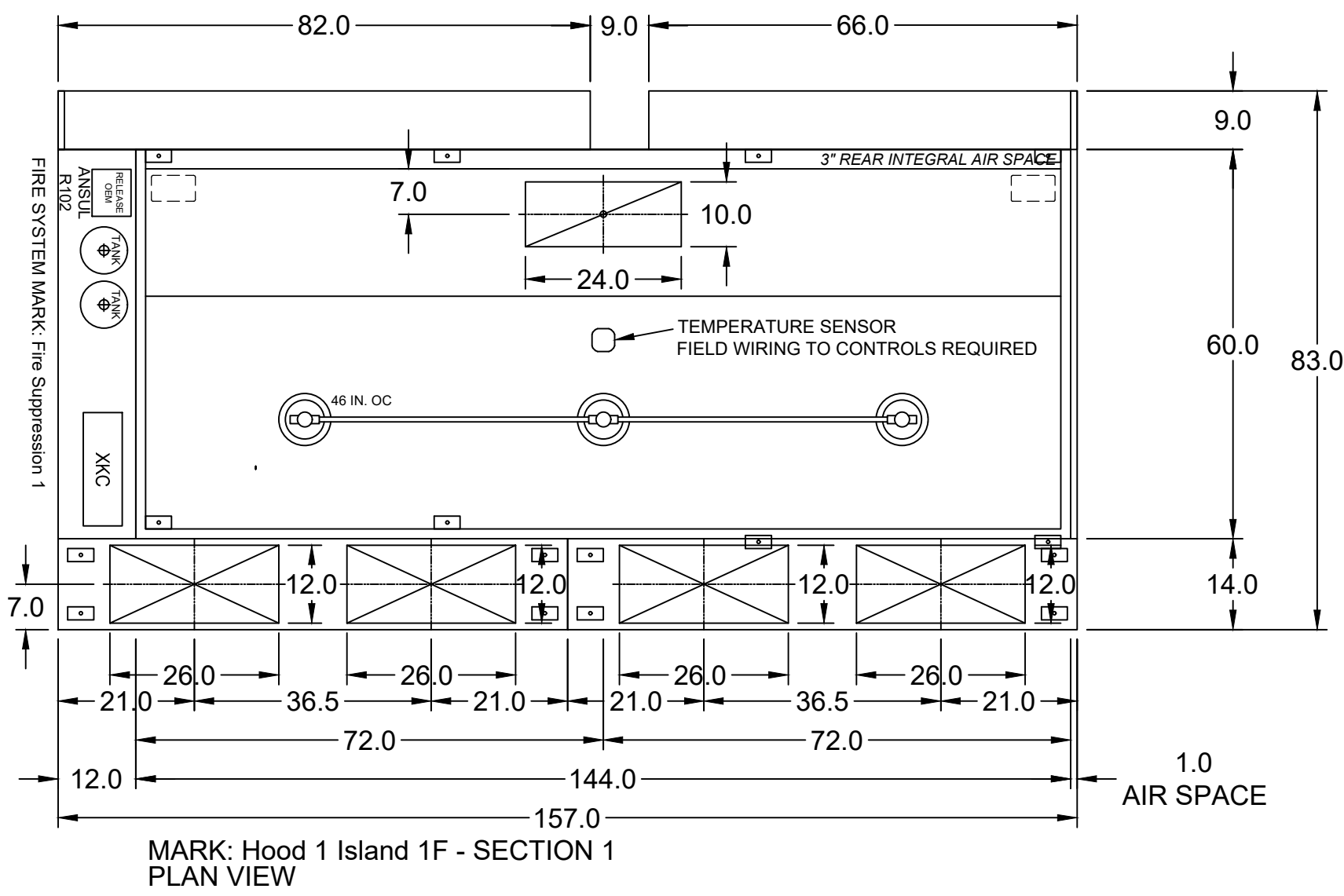
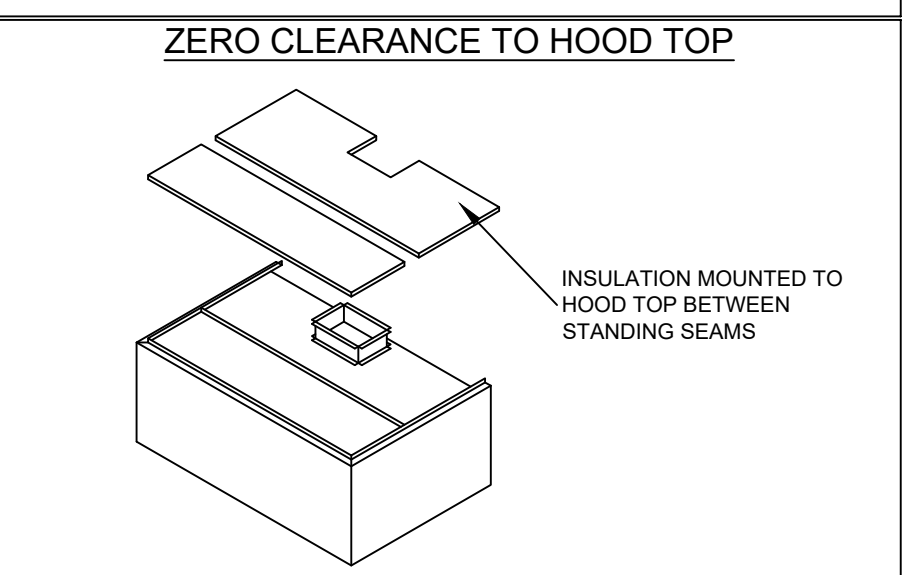
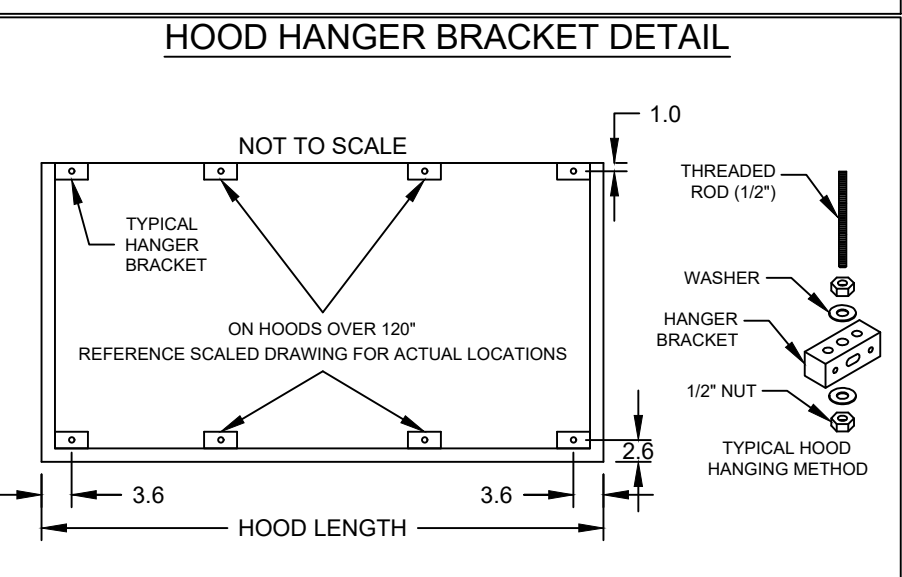
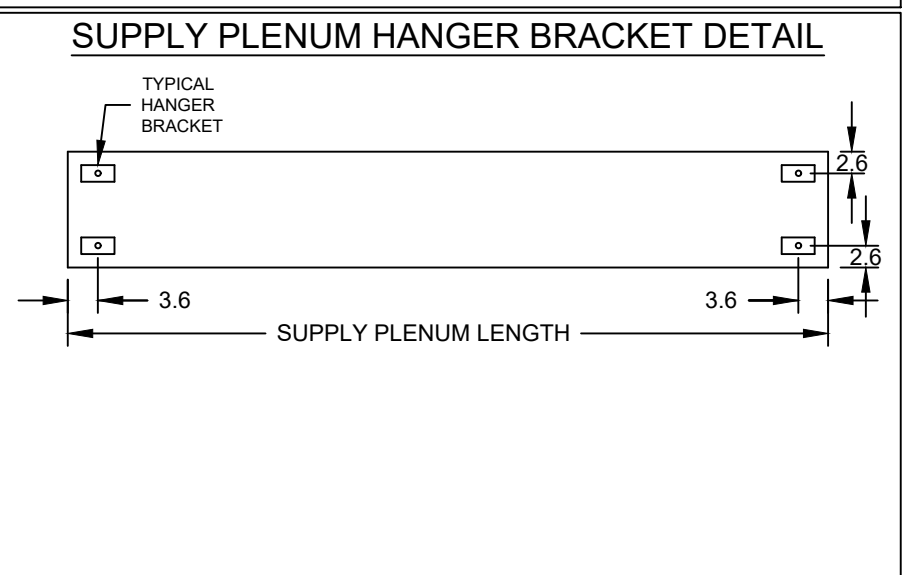
SPECIAL DESIGN REQUESTS

SDR #K2400027 - EXTERNAL REAR AIRSPACE BOTTOM PIECE TO BE TWO (2) PIECES TO ALLOW FOR PILLAR - 8
 SDR #Q9999999 - ALLOW GAP BETWEEN CEILING AND UTILITY CABINET FOR REMOVAL OF DOOR PANEL



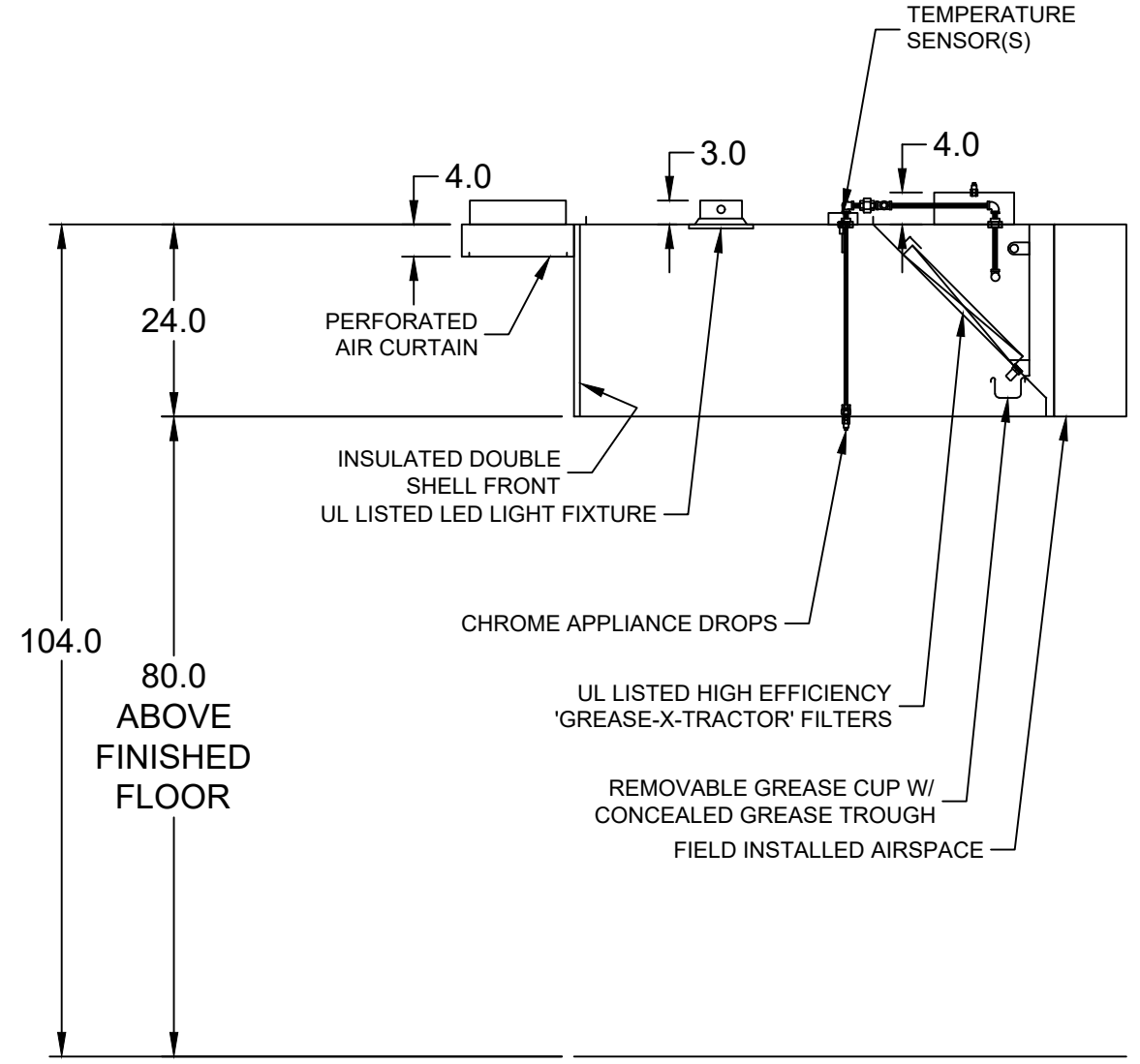
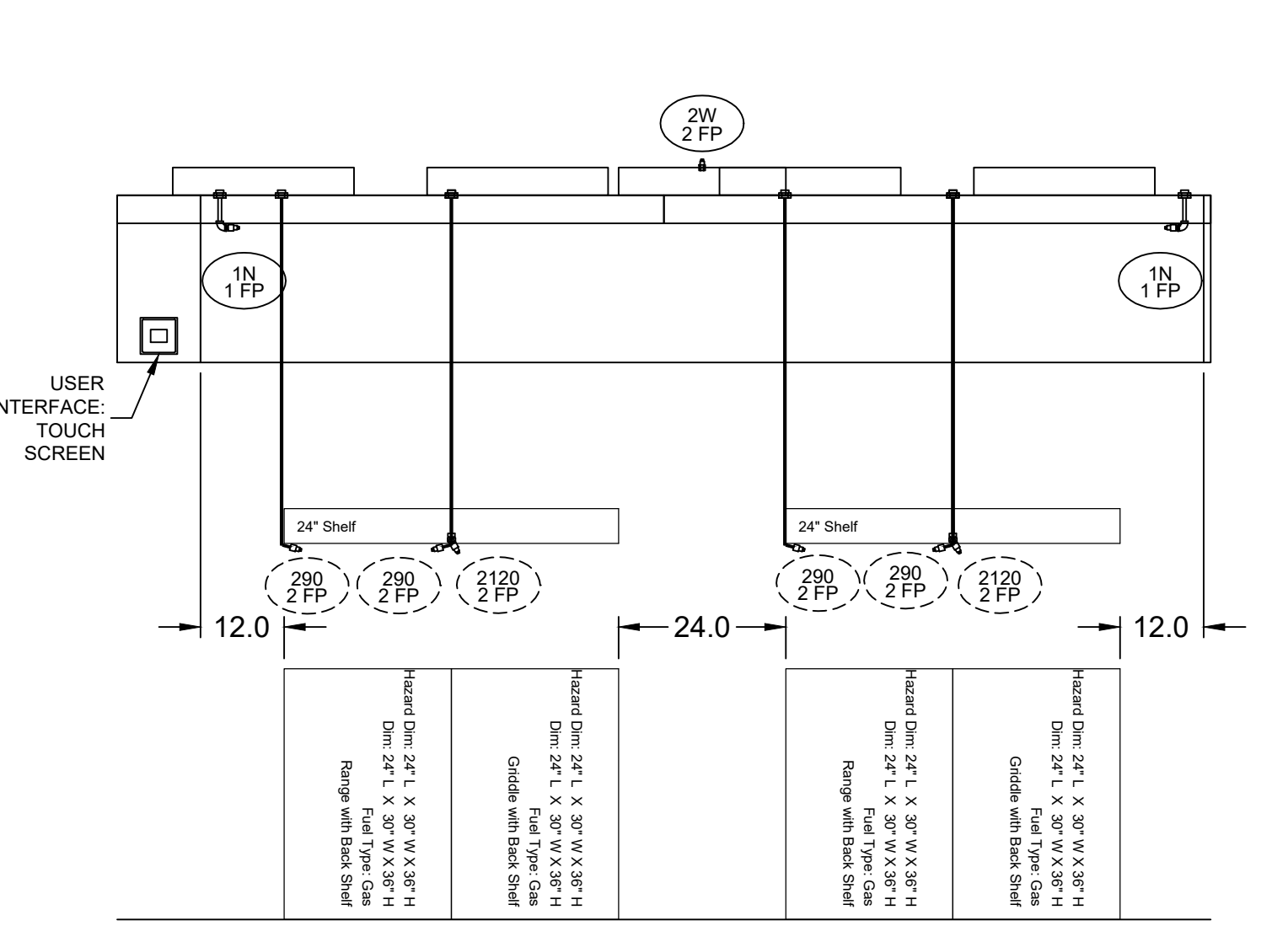
HOOD HANGING HEIGHT FOR FIRE SYSTEMS
 VERIFICATION OF HOOD HANGING HEIGHT ABOVE FINISHED FLOOR (A.F.F.) IS REQUIRED FOR CORRECT PLACEMENT OF FIRE SYSTEM NOZZLES.

RECOMMENDED HANGING HEIGHT = 80\"/>



Bottom piece of back non-integral air space (filler panel) will be manufactured in two (2) pieces, leaving a 9' x 9' opening for existing support column as shown in the plan view. The filler panel should be welded to the hood and any remaining gaps should be sealed by installing contractor.

The hood should be installed with proper gap between the ceiling and utility cabinet to allow the door panel to be lifted and removed.



UL NSF
 CONSTRUCTION, COMPATIBLE WITH NSF BI

HORLICK HS, RACINE, WI R4

HOOD 1 ISLAND 1F

PROJECT
 1/16/2024

MARK

ACCUREX WI IA - 1970
BRAD BORCHARDT
WI.IA@ACCUREX.COM
 (262)227-7865

ACCUREX

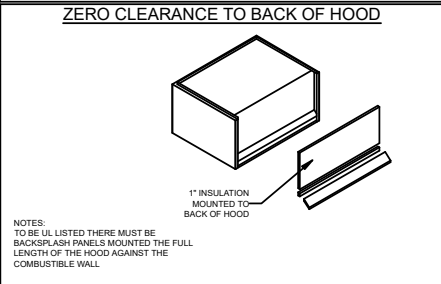
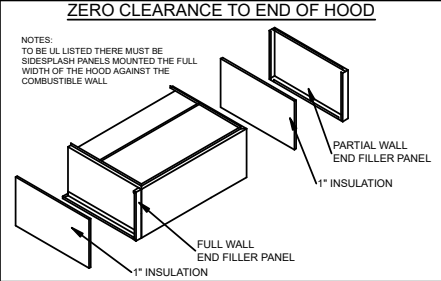
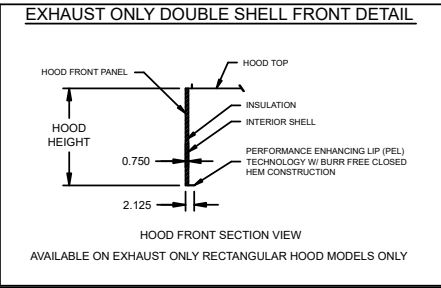
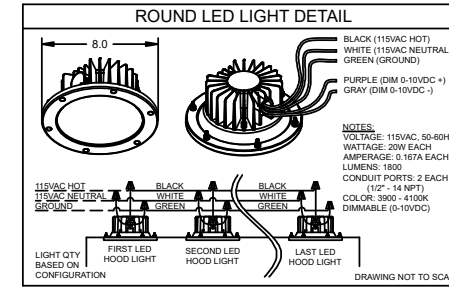
HOOD INFORMATION																	
HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	EXHAUST					SUPPLY		HANGING WEIGHT LBS.	SECTION LOCATION	
			LENGTH	WIDTH	HEIGHT			TOTAL CFM	COLLAR(S)			MUA CFM	AC CFM				
								WIDTH	LENGTH	DIA.	CFM	S.P.					
1	HOOD 2 ISLAND 1B	XXDW-144-S	144	60	24	300 SS 100%	HEAVY	2500	10	24		2500	0.553	2126		803	SINGLE

HOOD INFORMATION															
HOOD NO.	MARK	LIGHTING DETAILS			GREASE FILTRATION DETAILS			UTILITY CABINET(S)							
		FIXTURE TYPE BULB / LAMP INFO	QTY	FOOT CANDLES	TYPE / MODEL MATERIAL	QTY	SIZE (IN.) L H	LOCATION	FIRE SYSTEM		CONTROLS				
									TYPE	SIZE	MODEL	INTERFACE			
1	HOOD 2 ISLAND 1B	ROUND LED	3	69.77	X-TRACTOR (SPARK ARRESTOR INCL.) STAINLESS STEEL	4	16	20	RIGHT	ANSUL R102	6	XKC	TOUCHSCREEN		

SUPPLY PLENUM INFORMATION																			
HOOD NO.	MARK	POS.	TYPE	SIZE (IN.)			INSULATED	DAMPER(S)	LED LIGHT(S)		TOTAL CFM	TOTAL S.P.	COLLARS						
				L	W	H			SUPPLIED	QTY			TYPE	MOUNTING	QTY	W	L	DIA.	CFM
1	HOOD 2 ISLAND 1B	FRONT	ASP	78.5	14	4	NO	YES	NO	1063	0.01	MUA	FACTORY	2	12	26		532	246
1	HOOD 2 ISLAND 1B	FRONT	ASP	78.5	14	4	NO	YES	NO	1063	0.01	MUA	FACTORY	2	12	26		532	246

HOOD OPTIONS
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 FILTER REMOVAL TOOL INCLUDED - QTY 1
 PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
 STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH

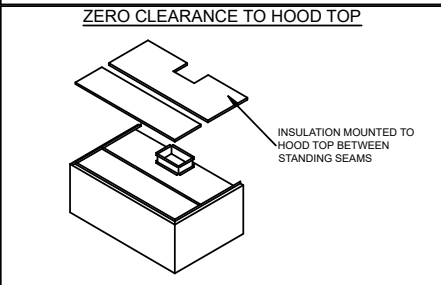
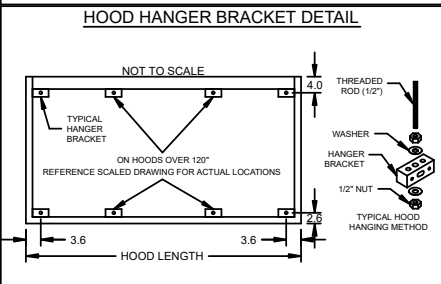
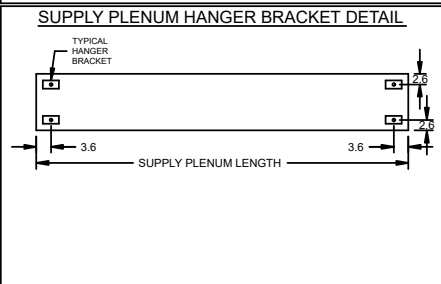
SPECIAL DESIGN REQUESTS
 SDR #Q9999999 - ALLOW GAP BETWEEN CEILING AND UTILITY CABINET FOR REMOVAL OF DOOR PANEL



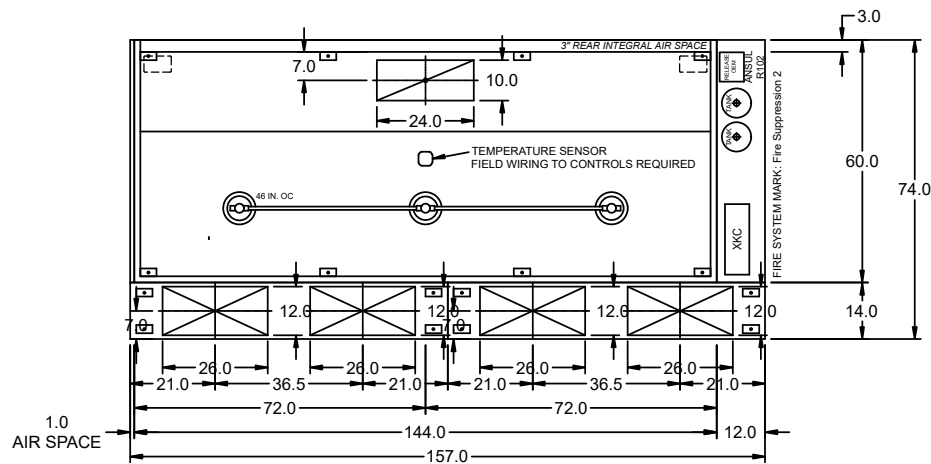
HOOD HANGING HEIGHT FOR FIRE SYSTEMS
 VERIFICATION OF HOOD HANGING HEIGHT ABOVE FINISHED FLOOR (A.F.F.) IS REQUIRED FOR CORRECT PLACEMENT OF FIRE SYSTEM NOZZLES.

RECOMMENDED HANGING HEIGHT = 80" FROM FINISHED FLOOR TO LOWER FRONT EDGE OF HOOD.

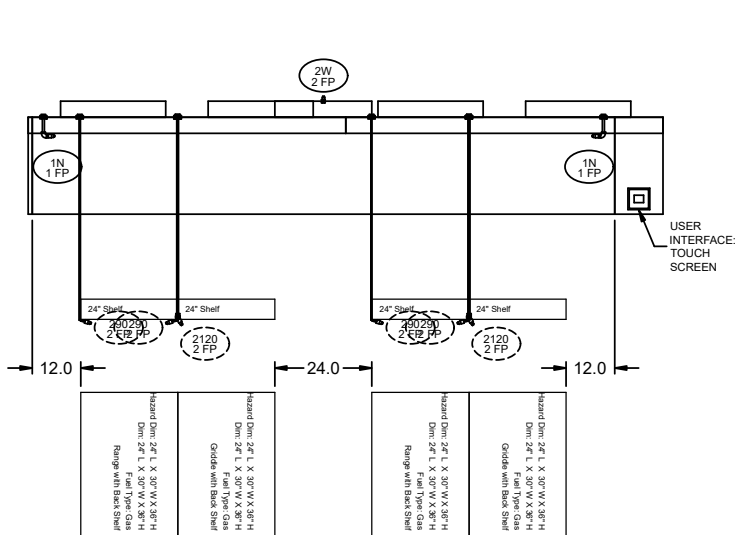
OTHER HANGING HEIGHT = _____" FROM FINISHED FLOOR TO LOWER EDGE OF HOOD.



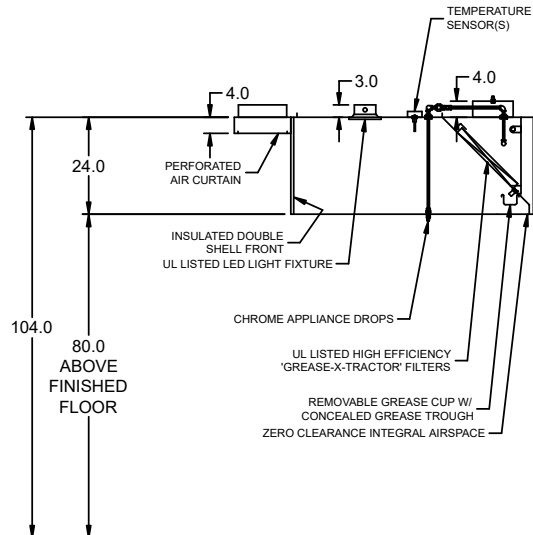
Install with proper gap between ceiling and utility cabinet to allow for door panel to be lifted and removed.



MARK: Hood 2 Island 1B - SECTION 1 PLAN VIEW



MARK: Hood 2 Island 1B - SECTION 1 ELEVATION VIEW



MARK: Hood 2 Island 1B SECTION VIEW

HOOD INFORMATION																				
HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	EXHAUST					SUPPLY		HANGING WEIGHT LBS.	SECTION LOCATION				
			LENGTH	WIDTH	HEIGHT			TOTAL CFM	COLLAR(S)			MUA CFM	AC CFM							
		FIXTURE TYPE BULB / LAMP INFO		QTY	FOOT CANDLES	TYPE / MODEL MATERIAL		QTY	SIZE (IN.)	LOCATION	FIRE SYSTEM		MODEL	INTERFACE						
1	HOOD 3 ISLAND 2F	XXDW-144-S	144	60	24	300 SS 100%	HEAVY	2500				10	24		2500	0.553	2126		617	SINGLE

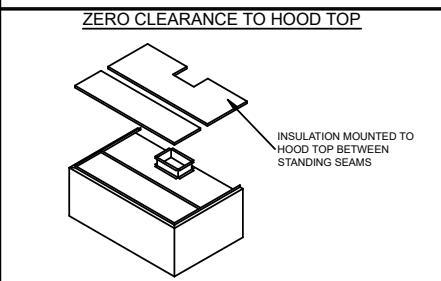
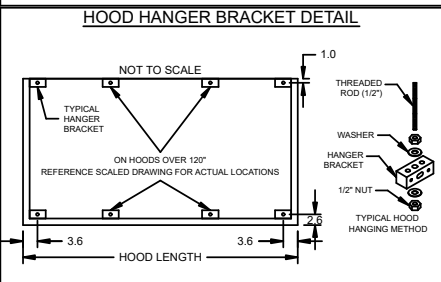
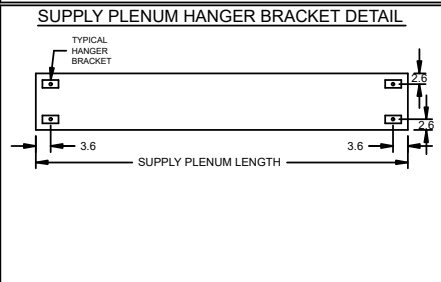
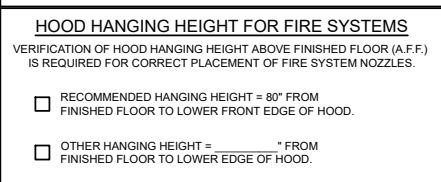
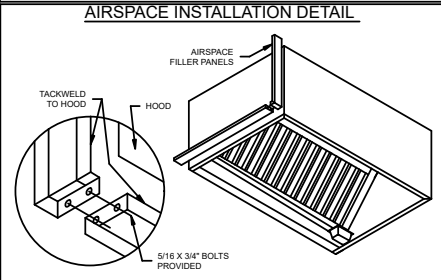
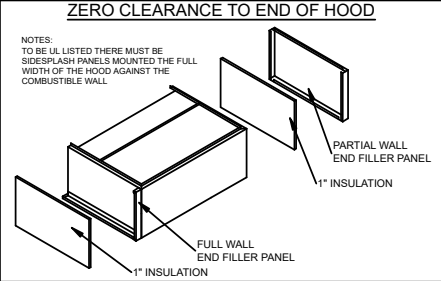
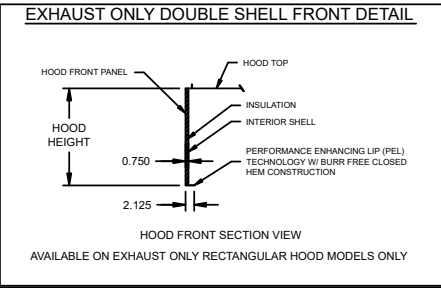
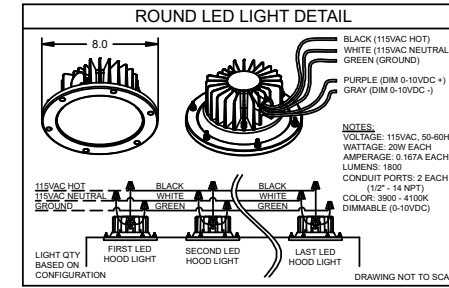
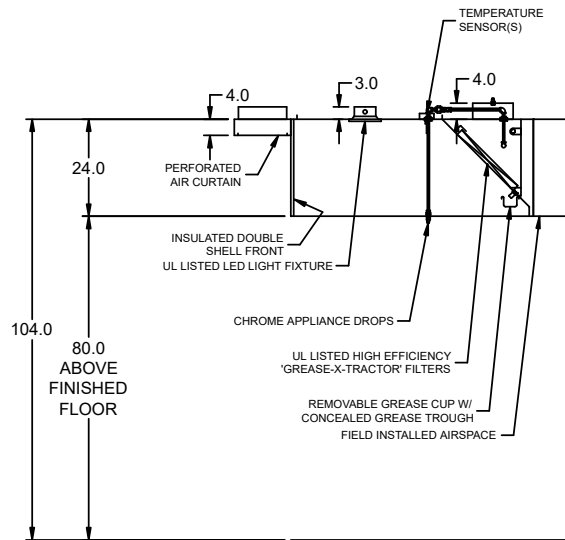
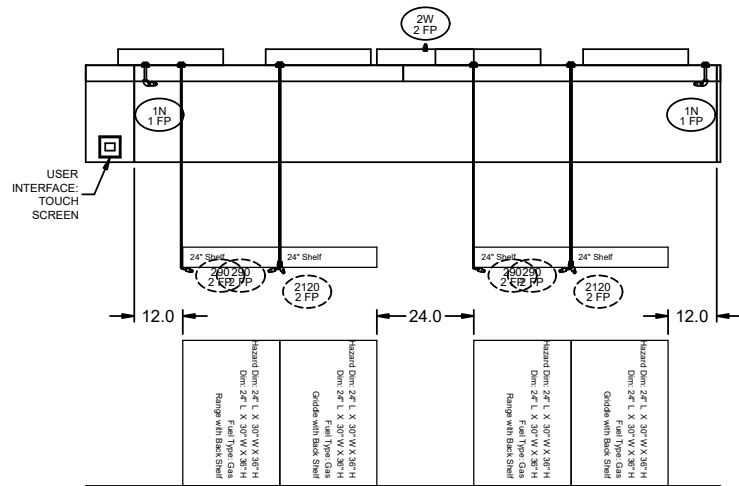
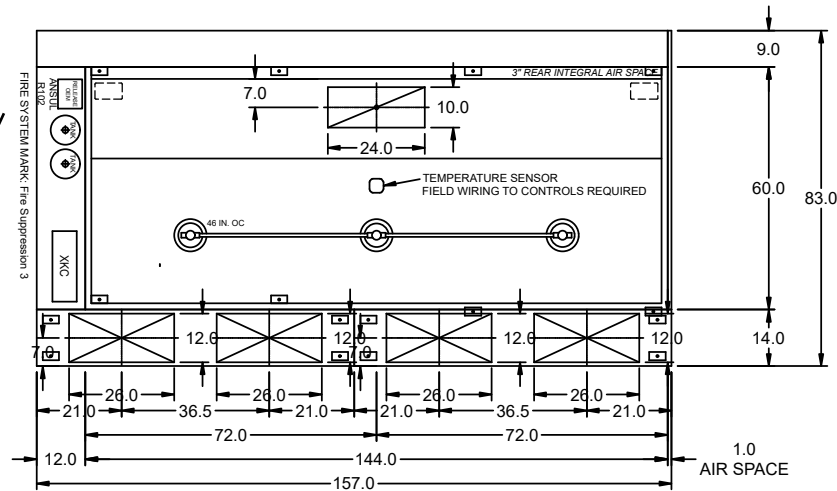
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1	HOOD 3 ISLAND 2F	ROUND LED		3	69.77	X-TRACTOR (SPARK ARRESTOR INCL.) STAINLESS STEEL		4	16	20	LEFT	ANSUL R102		6	XKC	TOUCHSCREEN

SUPPLY PLENUM INFORMATION																					
HOOD NO.	MARK	POS.	TYPE	SIZE (IN.)			INSULATED	DAMPER(S)	LED LIGHT(S)		TOTAL CFM	TOTAL S.P.	COLLARS								
				L	W	H			SUPPLIED	QTY			TYPE	MOUNTING	QTY	W	L	DIA.	CFM	VEL.	
1	HOOD 3 ISLAND 2F	FRONT	ASP	78.5	14	4	NO	NO	NO	1063	0.01	MUA	FACTORY	2	12	26				532	246
1	HOOD 3 ISLAND 2F	FRONT	ASP	78.5	14	4	NO	YES	NO	1063	0.01	MUA	FACTORY	2	12	26				532	246

HOOD OPTIONS: UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625
 SPECIAL DESIGN REQUESTS: SDR #Q9999999 - ALLOW GAP BETWEEN CEILING AND UTILITY CABINET FOR REMOVAL OF DOOR PANEL

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Install with proper gap between ceiling and utility cabinet to allow for door panel to be lifted and removed.



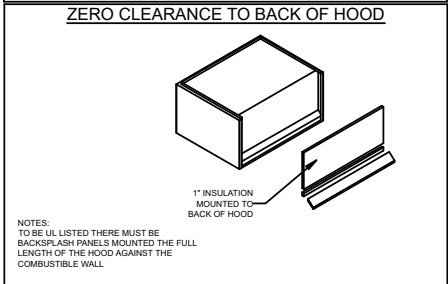
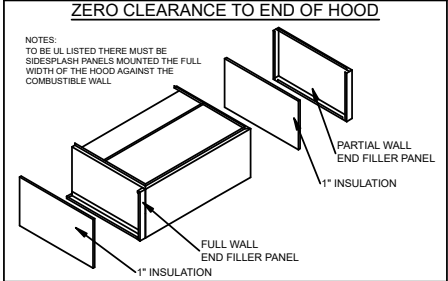
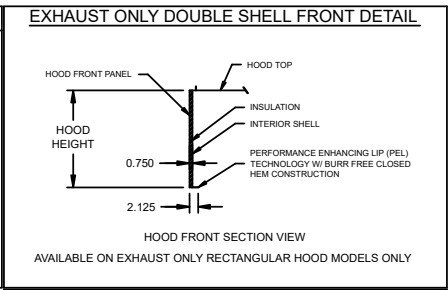
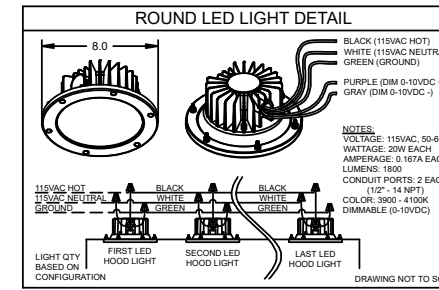
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								WIDTH	LENGTH	DIA.	CFM	S.P.					
1	HOOD 4 ISLAND 2B	XXDW-144-S	144	60	24	300 SS 100%	HEAVY	2500	10	24		2500	0.553	2126		803	SINGLE

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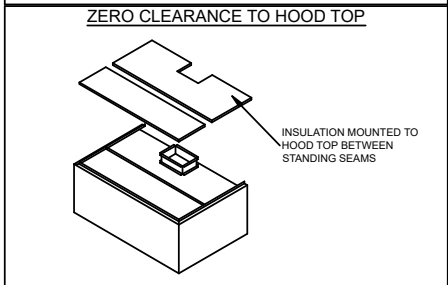
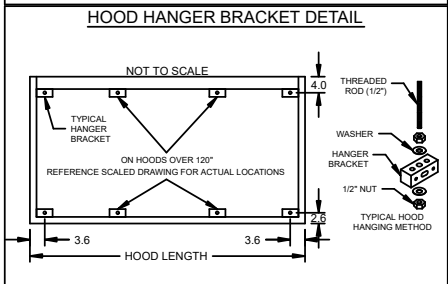
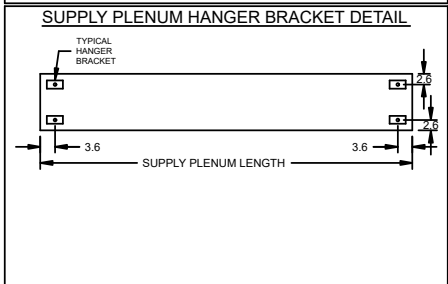
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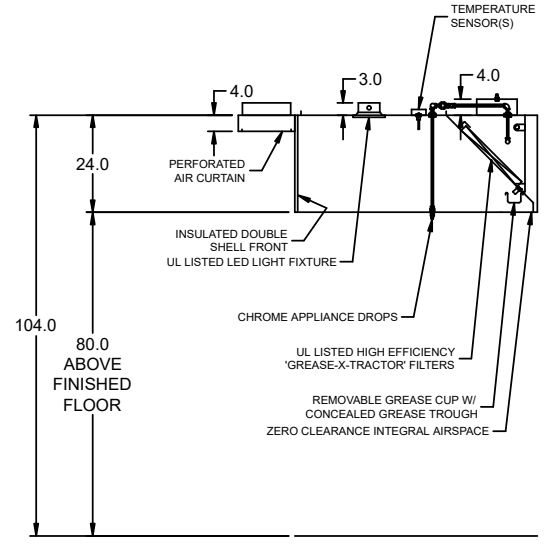
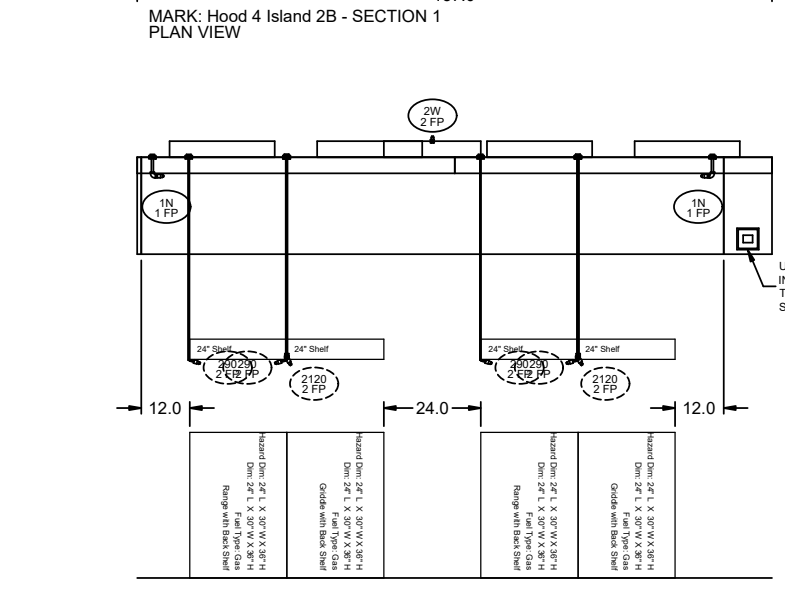
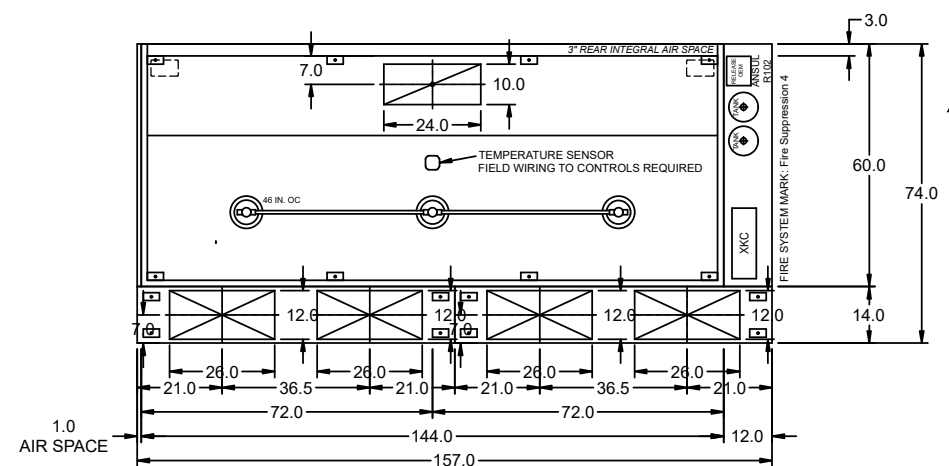
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OTHER HANGING HEIGHT = _____" FROM FINISHED FLOOR TO LOWER EDGE OF HOOD.



Install with proper gap between ceiling and utility cabinet to allow for door panel to be lifted and removed.

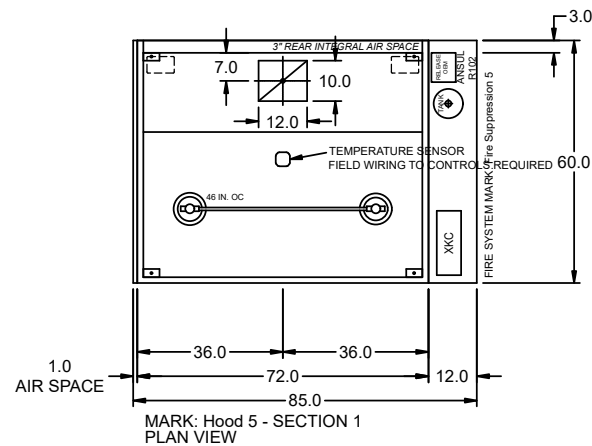


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			LENGTH	WIDTH	HEIGHT			TOTAL CFM	COLLAR(S)			MUA CFM	AC CFM				
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1	HOOD 5	XXDW-72-S	72	60	24	300 SS 100%	HEAVY	1250	10	12		1250	0.553			404	SINGLE

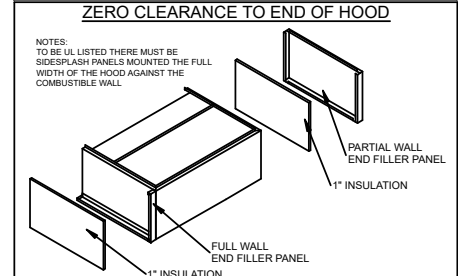
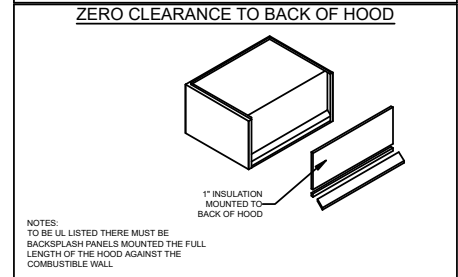
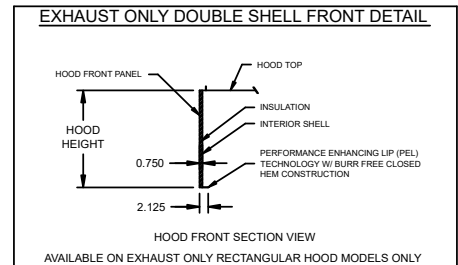
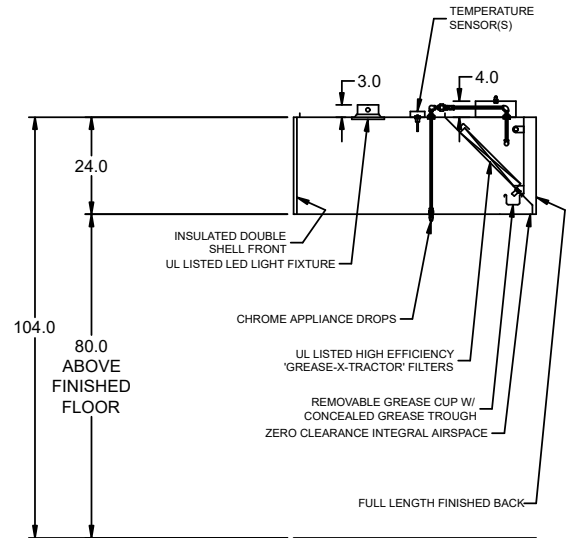
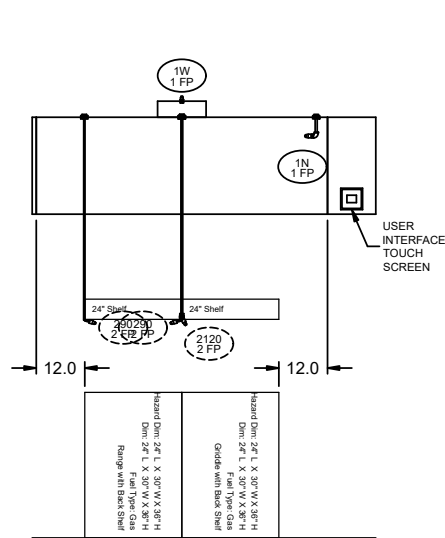
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		FIXTURE TYPE BULB / LAMP INFO	QTY	FOOT CANDLES	TYPE / MODEL MATERIAL	QTY	SIZE (IN.) L H	LOCATION	FIRE SYSTEM		CONTROLS			
									TYPE	SIZE	MODEL	INTERFACE		
1	HOOD 5	ROUND LED	2	69.71	X-TRACTOR (SPARK ARRESTOR INCL.) STAINLESS STEEL	2	16 20	RIGHT	ANSUL R102	3	XKC	TOUCHSCREEN		

HOOD OPTIONS
 UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625
 HOOD TOP INSULATED FOR ZERO CLEARANCE TO COMBUSTIBLES
 BACK INTEGRAL AIR SPACE - 3 IN WIDE - ZERO CLEARANCE FINISHED BACK - FULL LENGTH
 LEFT NON-INTEGRAL AIR SPACE - 1 IN THICK - ZERO CLEARANCE
 FACTORY MOUNTED EXHAUST COLLAR(S)
 PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
 STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH

SPECIAL DESIGN REQUESTS
 SDR #Q9999999 - ALLOW GAP BETWEEN CEILING AND UTILITY CABINET FOR REMOVAL OF DOOR PANEL



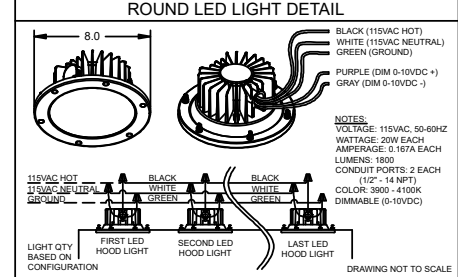
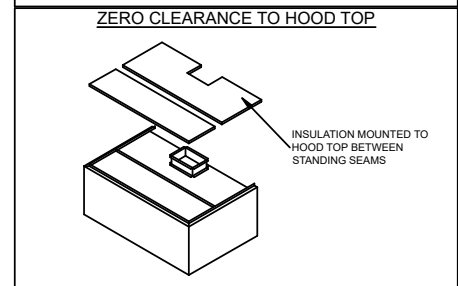
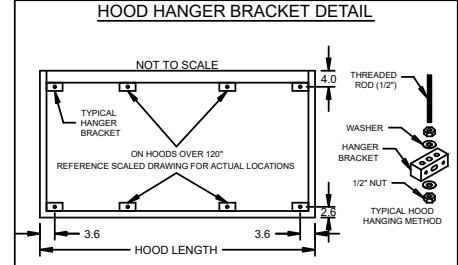
Install with proper gap between ceiling and utility cabinet to allow for door panel to be lifted and removed.



HOOD HANGING HEIGHT FOR FIRE SYSTEMS
 VERIFICATION OF HOOD HANGING HEIGHT ABOVE FINISHED FLOOR (A.F.F.) IS REQUIRED FOR CORRECT PLACEMENT OF FIRE SYSTEM NOZZLES.

RECOMMENDED HANGING HEIGHT = 80" FROM FINISHED FLOOR TO LOWER FRONT EDGE OF HOOD.

OTHER HANGING HEIGHT = _____" FROM FINISHED FLOOR TO LOWER EDGE OF HOOD.



CONTROL INFORMATION

MARK	ELECTRICAL CONTROL PACKAGE		USER INTERFACE		FANS CONTROLLED											
	MODEL	LOCATION	TYPE	LOCATION	FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
5.1 CONTROLS	XKC-DCV-S-11-1-1-0	LEFT CABINET ON 5.1 EXHAUST HOOD	FULL COLOR TOUCHSCREEN	CABINET - LEFT CABINET ON 5.1 EXHAUST HOOD	1	SUPPLY	S1	MAU BY OTHERS	1	2125	2	208	60	3	NO	NO
					2	EXHAUST	E1	EF-1	1	2500	2	208	60	3	NO	NO

CONTROL FEATURES
 HOOD LIGHT CONTROL
 TEMP SENSORS (FACTORY INSTALLED) - QTY. 1
 DRY FIRE CONTACTS - QTY. 2
 LIGHTS OFF DURING FIRE
 EXHAUST MAX DURING FIRE
 SUPPLY OFF DURING FIRE
 GAS RESET



DOC NUMBER: --- REV: ---

CAUTION
UNIT MUST BE GROUNDED IN ACCORDANCE WITH N.E.C. POWER MUST BE OFF WHILE SERVICING.

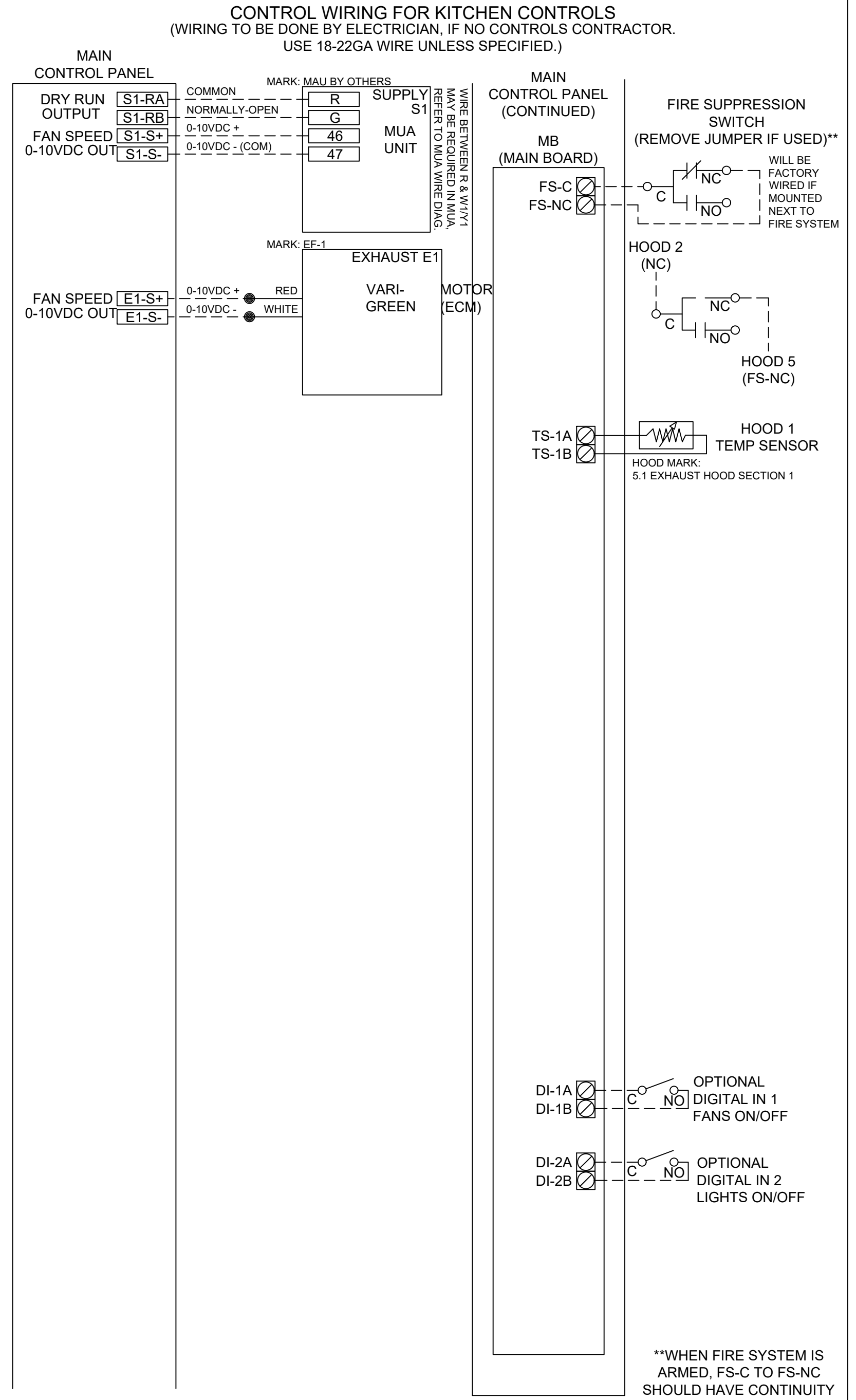
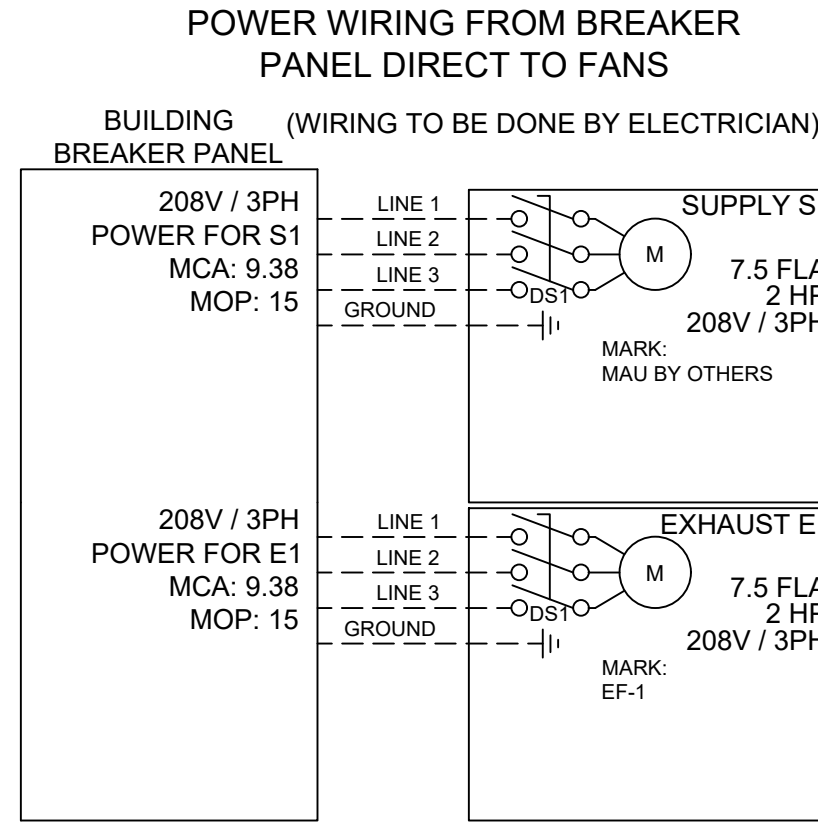
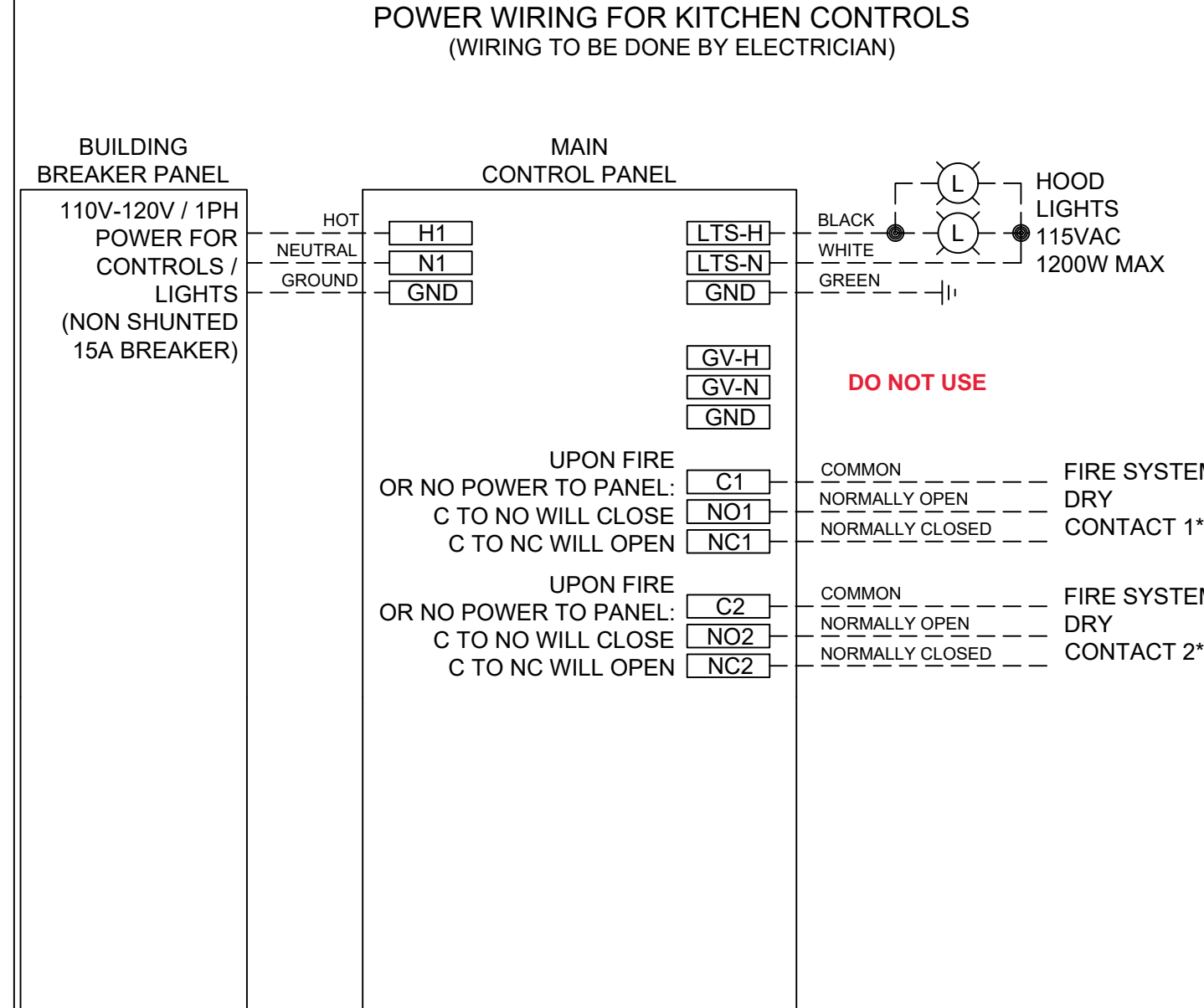
ATTENTION
L'APPAREIL DOIT ÊTRE MIS À LA TERRE CONFORMÉMENT AU CODE C.E. L'ALIMENTATION DOIT ÊTRE COUPÉE DURANT L'ENTRETIEN.

COMMERCIAL APPLIANCE OUTLET CENTER
ELECTRICAL RATINGS: 110-240V, 1PHASE, 50-60HZ, 15A
BASE FILE #E200616, ML FILE #E313951

PRG VERSION: V4
FIELD WIRED (CÂBLÉ LOCALEMENT) ---
FACTORY WIRED (CÂBLÉ À L'USINE) ---

NE PAS RETIRER CES DESSINS DE CET ÉQUIPEMENT. SAUF INDICATION CONTRAIRE, UTILISER DES CONDUCTEURS EN CUIVRE CLASSÉS 90 °C. SERRER LES BORNES DE COMMANDE ET DE MISE À LA TERRE À 8 LB-PO. SERRER LES COSSÉS/VIS D'ALIMENTATION AUX COUPLES INDICUÉS POUR LE COMPOSANT. SERRER LES BORNES À VIS DE LA CARTE DE COMMANDE À 3.5 LB-PO. LA RÉSISTANCE DU CÂBLAGE DE COMMANDE LOCAL NE DOIT PAS DÉPASSER 0.75 OHM. POUR PLUS D'INFORMATION, CONSULTER LE MANUEL OU APPELER 1-800-371-8858

WIRING DIAGRAM CODE: WDC#
 JOB NAME: HORLICK HS, RACINE, WI R4A
 MODEL: XKC-DCV-S-11-1-1-0
 SERIAL NUMBER: WDSN#
 MARK: 5.1 CONTROLS



CABINET DETAILS

DRAWING NOT TO SCALE

KITCHEN HOOD

CONTROLS

USER INTERFACE DETAILS

MOUNTING TYPE
FACTORY MOUNTED:
UTILITY CABINET - LEFT END OF HOOD

USER INTERFACE CONTROL
FANS AND LIGHTS

INTERFACE CABLE LENGTH
7FT (FACTORY PROVIDED)

MOUNTING LOCATION:
UTILITY CABINET ON HOOD
(INNER CONTROL BOX: 12 X 20 X 6)

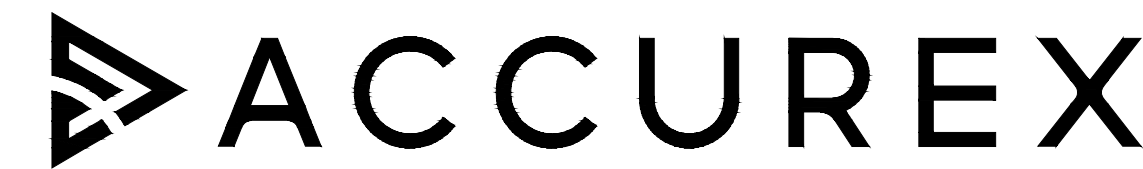
NOTES:
1) WHEN CONTROLS ARE MOUNTED IN HOOD-MOUNTED OR WALL-MOUNTED UTILITY CABINET, FOR HOOD OR WALL CABINET DIMENSIONS SEE HOOD SUBMITTAL.
2) MINIMUM OF 36" OF CLEARANCE RECOMMENDED IN FRONT OF CONTROL CABINET

ZONE CONFIGURATION							WIRING DIAGRAM CODE: WDC#									
ZONE #	ZONE	ROOM TEMP					JOB NAME: HORLICK HS, RACINE, WI R4A									
1	Z1	PRESET					MODEL: XKC-DCV-S-11-1-1-0									
							SERIAL NUMBER: WDSN#									
							MARK: 5.1 CONTROLS									
							DOC NUMBER: --- REV: ---									
DEFAULT SETTINGS / PARAMÈTRES PAR DÉFAUT																
FACTORY SETTINGS																
TYPE: VAV																
CONFIGURATION: STANDARD																
ZONES: 1																
HOODS: 1																
SUMP: 0																
EXHAUST FANS: 1																
SUPPLY FANS: 1																
MB ROOM SENSOR: NO																
MB TEMP SENSORS: 1																
HIGH TEMP FAULT: NO																
FREEZE PROTECTION: YES																
GAS RESET: YES																
FAN PROVING: NO																
BMS: NONE																
ZONE SETTINGS																
SEE ZONE CONFIGURATION IN TABLE ON LEFT																
HOOD SETTINGS																
SEE HOOD CONFIGURATION IN TABLE ON LEFT																
EXHAUST FAN SETTINGS																
SEE FAN CONFIGURATION IN TABLE ON LEFT																
SUPPLY FAN SETTINGS																
SEE FAN CONFIGURATION IN TABLE ON LEFT																
SENSOR SETTINGS																
SEE HOOD CONFIGURATION IN TABLE ON LEFT																
USER INTERFACE SETTINGS (MB)																
FAN & LIGHT BUTTONS: SHOW BOTH (SEPERATE)																
USER INTERFACE SETTINGS (HCB)																
NA																
GENERAL SETTINGS																
TIME ZONE: CENTRAL DAYLIGHT (DEFAULT)																
FIRE/FAULT SETTINGS																
EXHAUST DURING FIRE: MAX																
SUPPLY DURING FIRE: OFF																
LIGHTS DURING FIRE: OFF																
BMS SETTINGS																
NA																
PRG VERSION: V4																
FAN CONFIGURATION																
FAN #	TYPE	FAN	FAN MARK	ZONE	MIN CFM	MAX CFM	MODBUS VFD	VFD ADDRESS	MIN FREQ.	MAX FREQ.	MIN VDC	MAX VDC				
1	SUPPLY	S1	MAU BY OTHERS	Z1	1063	2125	NO	-	-	-	5.0	10.0				
2	EXHAUST	E1	EF-1	Z1	1250	2500	NO	-	-	-	5.0	10.0				

CONTROL INFORMATION

MARK	ELECTRICAL CONTROL PACKAGE		USER INTERFACE		FANS CONTROLLED											
	MODEL	LOCATION	TYPE	LOCATION	FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
5.2 CONTROLS	XKC-DCV-S-11-1-1-0	RIGHT CABINET ON 5.2 EXHAUST HOOD	FULL COLOR TOUCHSCREEN	CABINET - RIGHT CABINET ON 5.2 EXHAUST HOOD	1	SUPPLY	S1	MAU BY OTHERS	1	2125	2	208	60	3	NO	NO
					2	EXHAUST	E1	EF-2	1	2500	2	208	60	3	NO	NO

- CONTROL FEATURES**
- HOOD LIGHT CONTROL
 - TEMP SENSORS (FACTORY INSTALLED) - QTY. 1
 - DRY FIRE CONTACTS - QTY. 2
 - LIGHTS OFF DURING FIRE
 - EXHAUST MAX DURING FIRE
 - SUPPLY OFF DURING FIRE
 - GAS RESET



DOC NUMBER: --- REV: ---

CAUTION
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ATTENTION
L'APPAREIL DOIT ÊTRE MIS À LA TERRE CONFORMÉMENT AU CODE C.E. L'ALIMENTATION DOIT ÊTRE COUPÉE DURANT L'ENTRETIEN.

COMMERCIAL APPLIANCE OUTLET CENTER
ELECTRICAL RATINGS: 110-240V, 1PHASE, 50-60HZ, 15A
BASE FILE #E200616, ML FILE #E313951

PRG VERSION: V4
FIELD WIRED (CÂBLÉ LOCALEMENT) ---
FACTORY WIRED (CÂBLÉ À L'USINE) ---

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WIRING DIAGRAM CODE: WDC#
JOB NAME: HORLICK HS, RACINE, WI R4A
MODEL: XKC-DCV-S-11-1-1-0
SERIAL NUMBER: WDSN#
MARK: 5.2 CONTROLS

CABINET DETAILS

DRAWING NOT TO SCALE

USER INTERFACE DETAILS

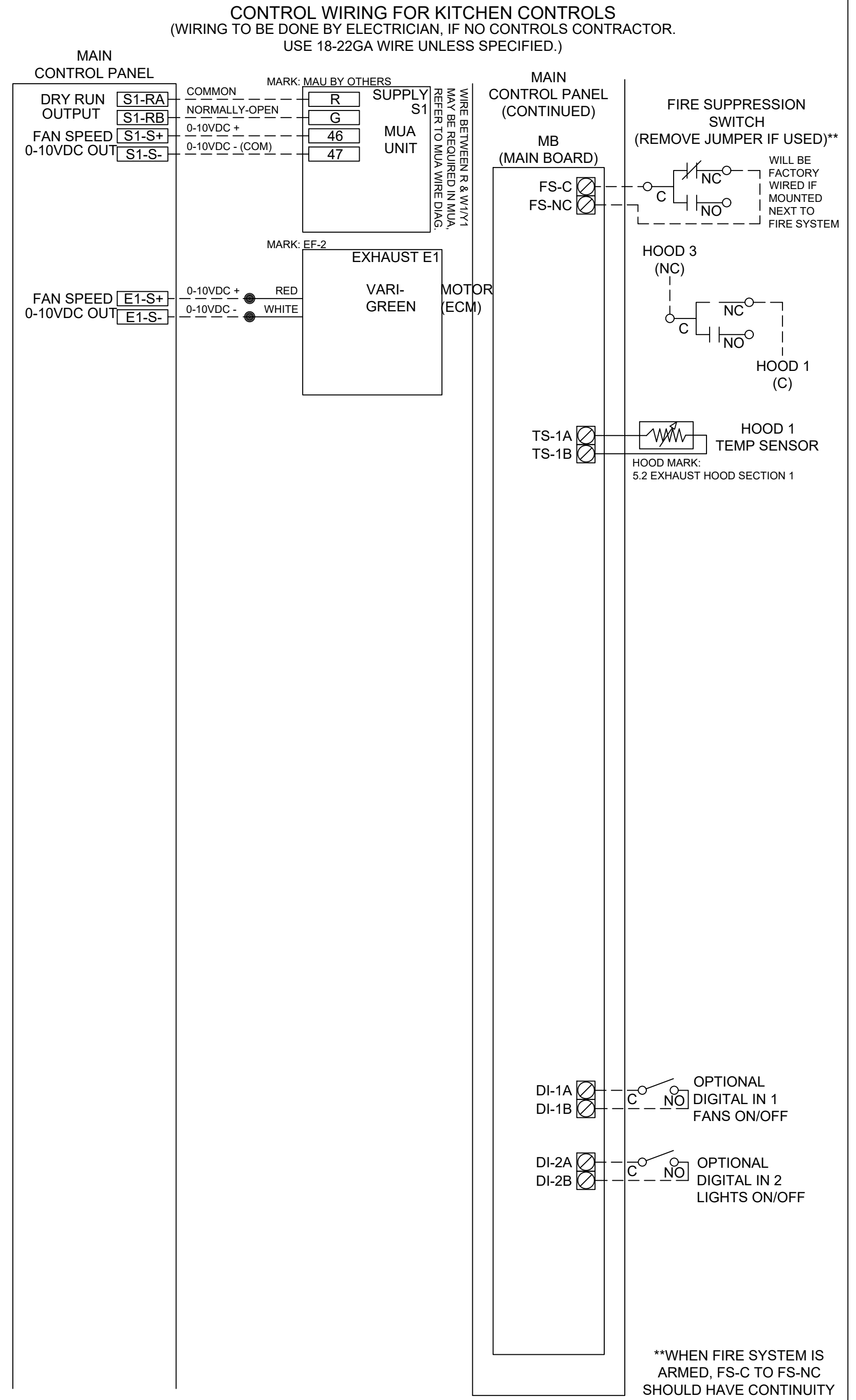
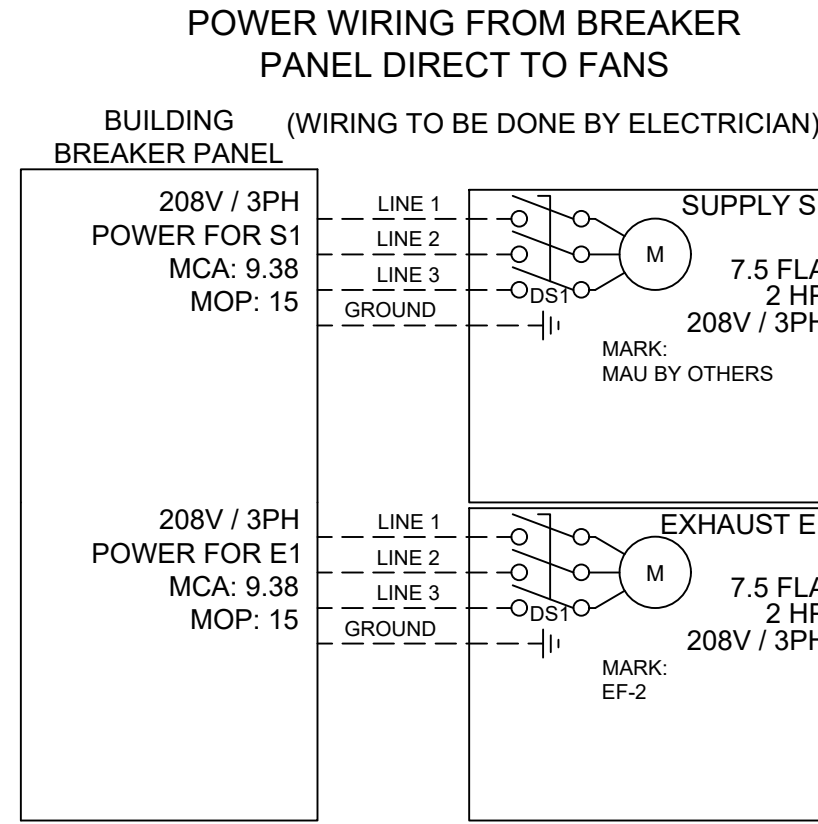
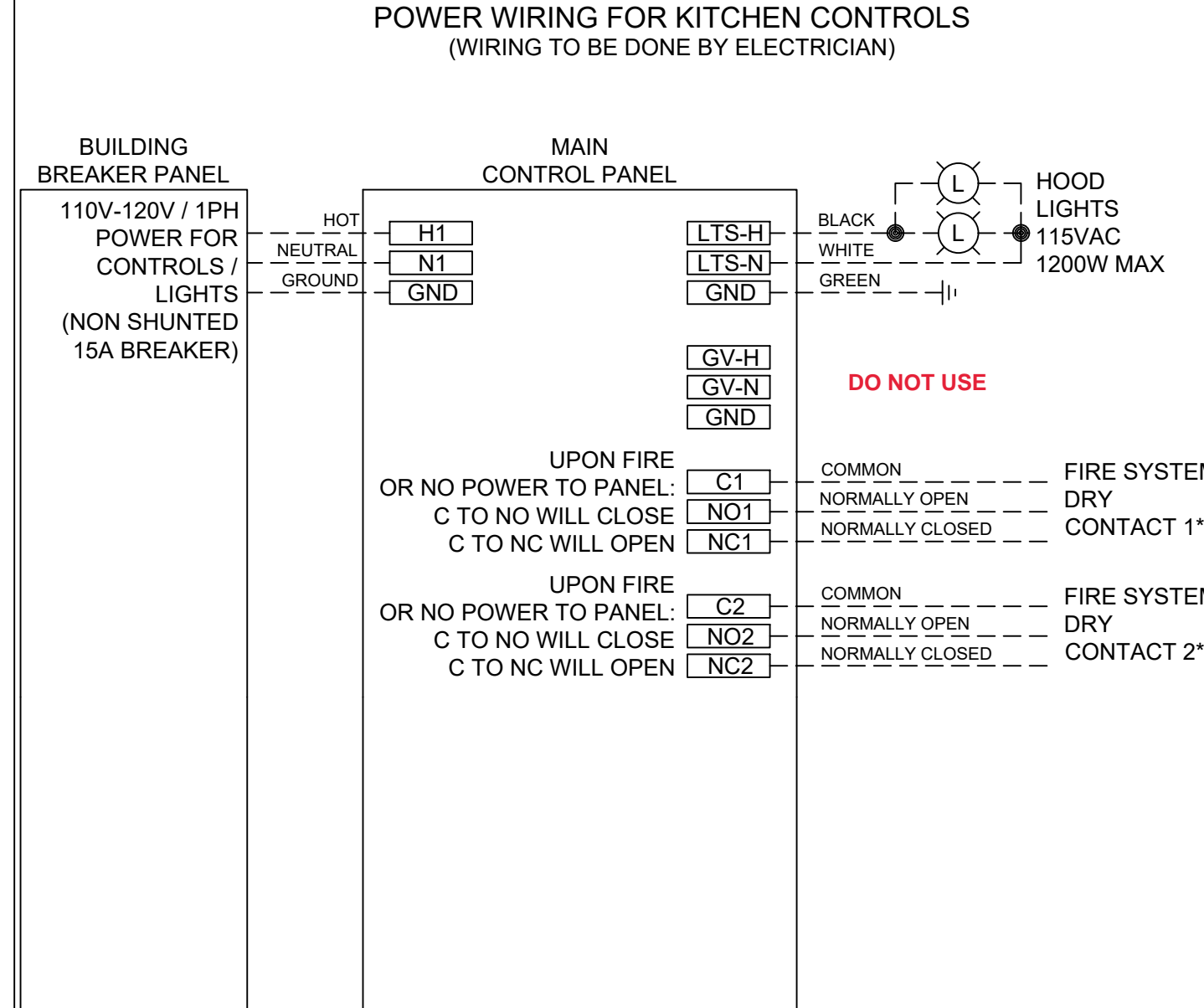
MOUNTING TYPE
FACTORY MOUNTED:
UTILITY CABINET - RIGHT END OF HOOD

USER INTERFACE CONTROL
FANS AND LIGHTS

INTERFACE CABLE LENGTH
7FT (FACTORY PROVIDED)

MOUNTING LOCATION:
UTILITY CABINET ON HOOD
(INNER CONTROL BOX: 12 X 20 X 6)

NOTES:
1) WHEN CONTROLS ARE MOUNTED IN HOOD-MOUNTED OR WALL-MOUNTED UTILITY CABINET, FOR HOOD OR WALL CABINET DIMENSIONS SEE HOOD SUBMITTAL.
2) MINIMUM OF 36" OF CLEARANCE RECOMMENDED IN FRONT OF CONTROL CABINET



WIRING DIAGRAM CODE: WDC#
JOB NAME: HORLICK HS, RACINE, WI R4A
MODEL: XKC-DCV-S-11-1-1-0
SERIAL NUMBER: WDSN#
MARK: 5.2 CONTROLS
DOC NUMBER: --- REV: ---

DEFAULT SETTINGS / PARAMÈTRES PAR DÉFAUT

FACTORY SETTINGS
TYPE: VAV
CONFIGURATION: STANDARD
ZONES: 1
HOODS: 1
SUMP: 0
EXHAUST FANS: 1
SUPPLY FANS: 1
MB ROOM SENSOR: NO
MB TEMP SENSORS: 1
HIGH TEMP FAULT: NO
FREEZE PROTECTION: YES
GAS RESET: YES
FAN PROVING: NO
BMS: NONE

ZONE CONFIGURATION

ZONE #	ZONE	ROOM TEMP
1	Z1	PRESET

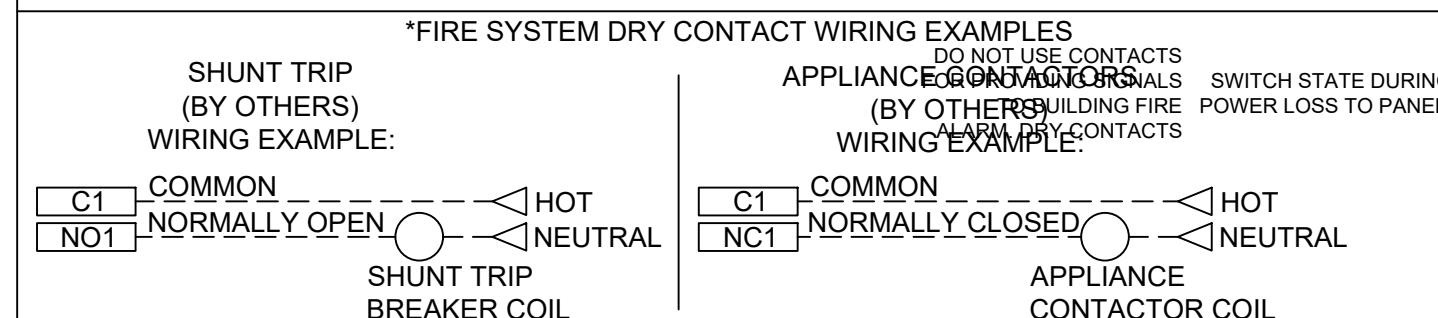
HOOD CONFIGURATION

HOOD #	HOOD	HOOD MARK	ZONE	EXHAUST	SUPPLY	MB-TEMP SENSORS	HCB
1	H1	5.2 EXHAUST HOOD SECTION 1	Z1	E1	S1	TS1	NO

FAN CONFIGURATION

FAN #	TYPE	FAN	FAN MARK	ZONE	MIN CFM	MAX CFM	MODBUS VFD	VFD ADDRESS	MIN FREQ.	MAX FREQ.	MIN VDC	MAX VDC
1	SUPPLY	S1	MAU BY OTHERS	Z1	1063	2125	NO	-	-	-	5.0	10.0
2	EXHAUST	E1	EF-2	Z1	1250	2500	NO	-	-	-	5.0	10.0

PRG VERSION: V4



CONTROL INFORMATION

MARK	ELECTRICAL CONTROL PACKAGE		USER INTERFACE		FANS CONTROLLED											
	MODEL	LOCATION	TYPE	LOCATION	FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
5.3 CONTROLS	XKC-DCV-S-11-1-1-0	LEFT CABINET ON 5.3 EXHAUST HOOD	FULL COLOR TOUCHSCREEN	CABINET - LEFT CABINET ON 5.3 EXHAUST HOOD	1	SUPPLY	S1	MAU BY OTHERS	1	2125	2	208	60	3	NO	NO
					2	EXHAUST	E1	EF-3	1	2500	2	208	60	3	NO	NO

CONTROL FEATURES
 HOOD LIGHT CONTROL
 TEMP SENSORS (FACTORY INSTALLED) - QTY. 1
 DRY FIRE CONTACTS - QTY. 2
 LIGHTS OFF DURING FIRE
 EXHAUST MAX DURING FIRE
 SUPPLY OFF DURING FIRE
 GAS RESET



DOC NUMBER: --- REV: ---

CAUTION
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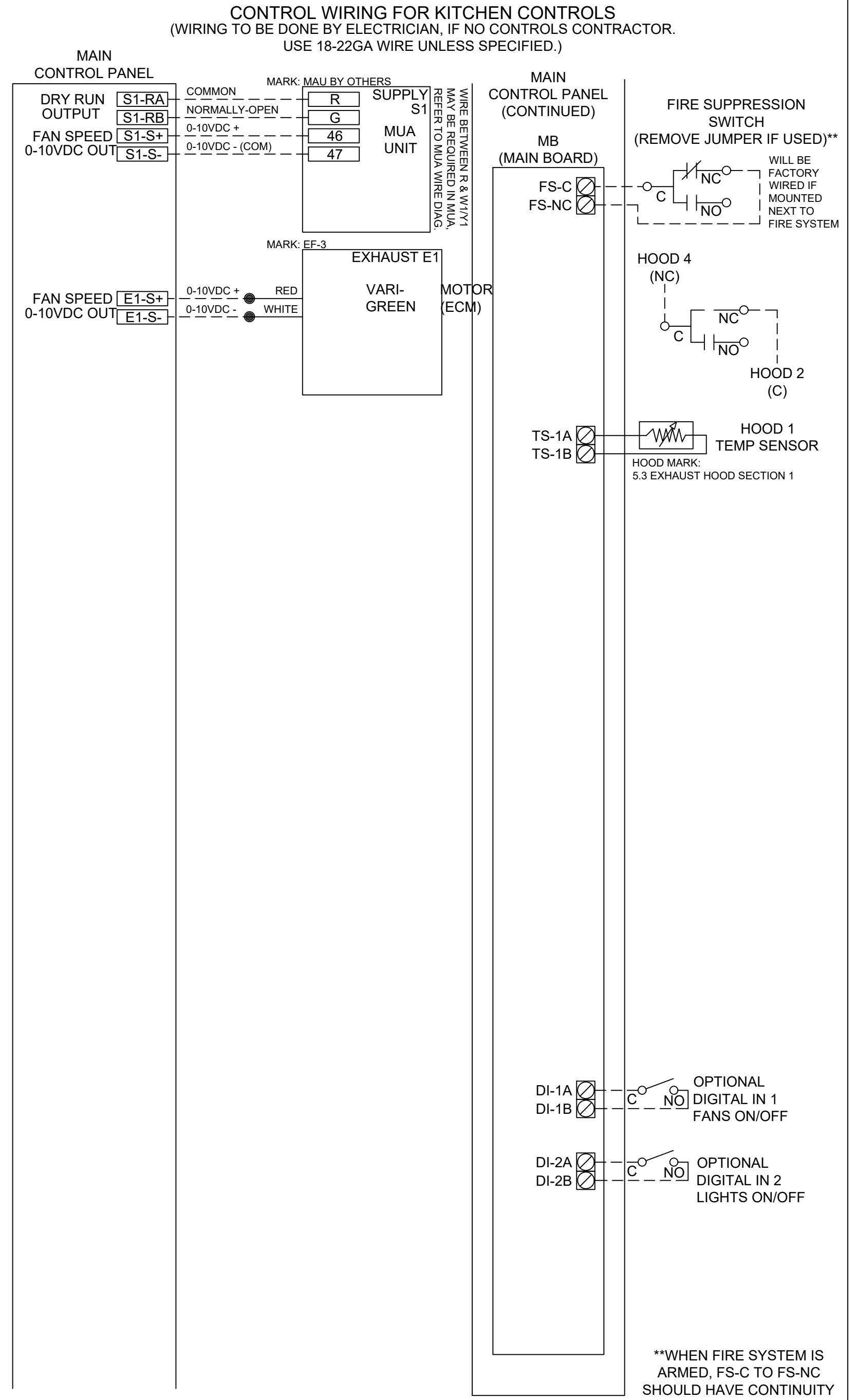
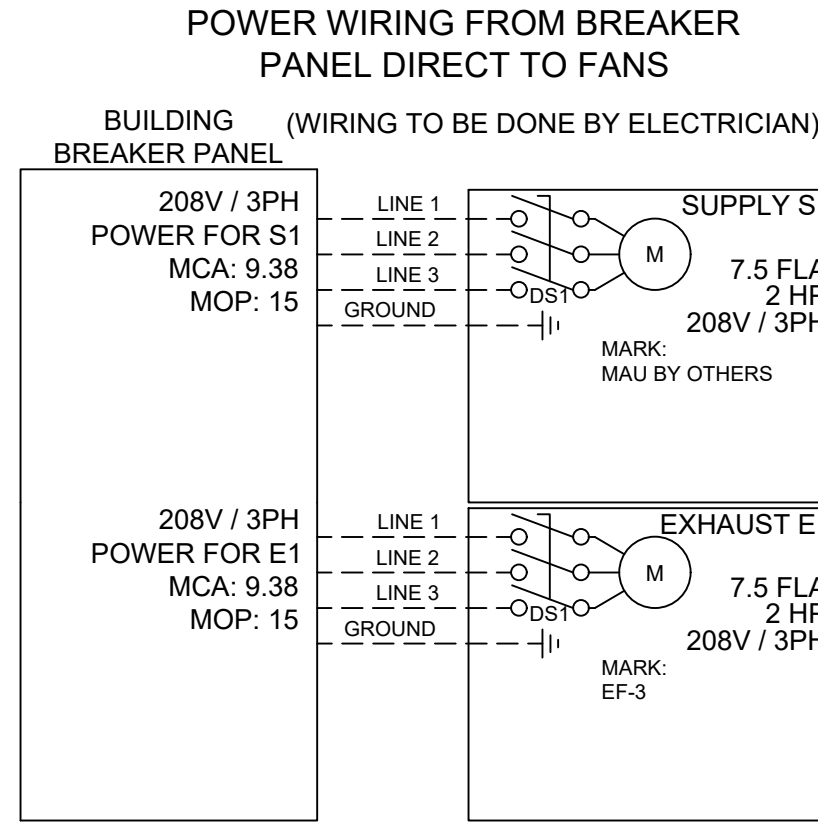
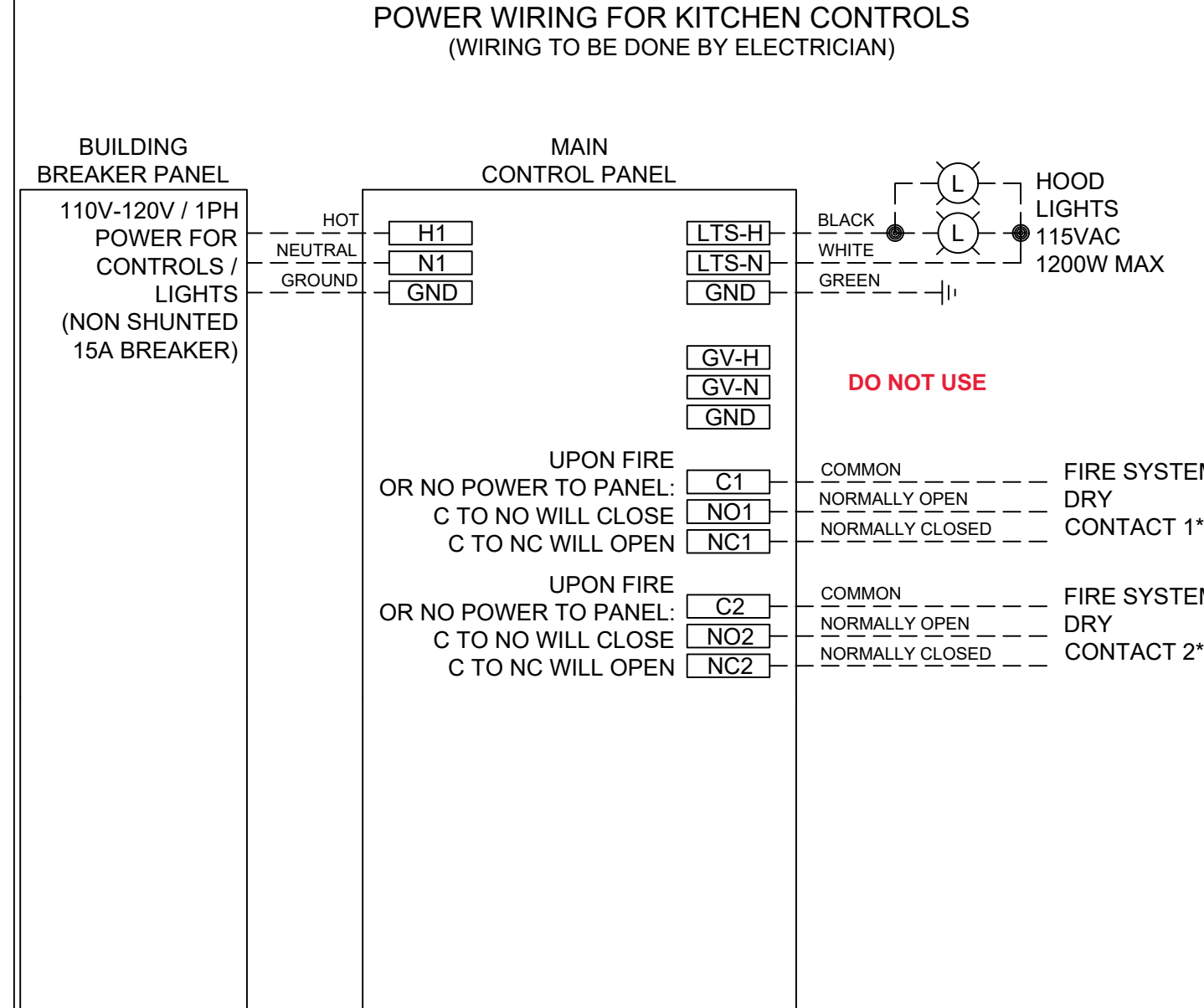
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COMMERCIAL APPLIANCE OUTLET CENTER
ELECTRICAL RATINGS: 110-240V, 1PHASE, 50-60HZ, 15A
BASE FILE #E200616, ML FILE #E313951

PRG VERSION: V4
FIELD WIRED (CÂBLÉ LOCALEMENT) ---
FACTORY WIRED (CÂBLÉ À L'USINE) ---

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WIRING DIAGRAM CODE: WDC#
 JOB NAME: HORLICK HS, RACINE, WI R4A
 MODEL: XKC-DCV-S-11-1-1-0
 SERIAL NUMBER: WDSN#
 MARK: 5.3 CONTROLS



CABINET DETAILS

DRAWING NOT TO SCALE

USER INTERFACE DETAILS

MOUNTING TYPE
FACTORY MOUNTED:
UTILITY CABINET - LEFT END OF HOOD

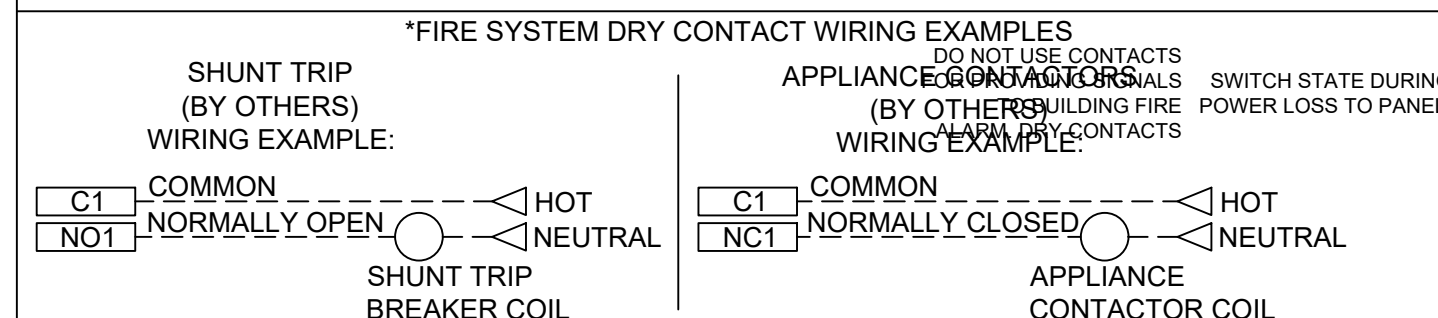
USER INTERFACE CONTROL
FANS AND LIGHTS

INTERFACE CABLE LENGTH
7FT (FACTORY PROVIDED)

MOUNTING LOCATION:
UTILITY CABINET ON HOOD
(INNER CONTROL BOX: 12 X 20 X 6)

NOTES:
1) WHEN CONTROLS ARE MOUNTED IN HOOD-MOUNTED OR WALL-MOUNTED UTILITY CABINET, FOR HOOD OR WALL CABINET DIMENSIONS SEE HOOD SUBMITTAL.
2) MINIMUM OF 36" OF CLEARANCE RECOMMENDED IN FRONT OF CONTROL CABINET

ZONE CONFIGURATION							WIRING DIAGRAM CODE: WDC#																																																
1	Z1	ROOM TEMP	PRESET				JOB NAME: HORLICK HS, RACINE, WI R4A																																																
							MODEL: XKC-DCV-S-11-1-1-0																																																
							SERIAL NUMBER: WDSN#																																																
							MARK: 5.3 CONTROLS																																																
							DOC NUMBER: --- REV: ---																																																
<p>DEFAULT SETTINGS / PARAMÈTRES PAR DÉFAUT</p> <p>FACTORY SETTINGS TYPE: VAV CONFIGURATION: STANDARD ZONES: 1 HOODS: 1 SUMP(S): 0 EXHAUST FANS: 1 SUPPLY FANS: 1 MB ROOM SENSOR: NO MB TEMP SENSORS: 1 HIGH TEMP FAULT: NO FREEZE PROTECTION: YES GAS RESET: YES FAN PROVING: NO BMS: NONE</p> <p>ZONE SETTINGS SEE ZONE CONFIGURATION IN TABLE ON LEFT</p> <p>HOOD SETTINGS SEE HOOD CONFIGURATION IN TABLE ON LEFT</p> <p>EXHAUST FAN SETTINGS SEE FAN CONFIGURATION IN TABLE ON LEFT</p> <p>SUPPLY FAN SETTINGS SEE FAN CONFIGURATION IN TABLE ON LEFT</p> <p>SENSOR SETTINGS SEE HOOD CONFIGURATION IN TABLE ON LEFT</p> <p>USER INTERFACE SETTINGS (MB) FAN & LIGHT BUTTONS: SHOW BOTH (SEPERATE)</p> <p>USER INTERFACE SETTINGS (HCB) NA</p> <p>GENERAL SETTINGS TIME ZONE: CENTRAL DAYLIGHT (DEFAULT)</p> <p>FIRE/FAULT SETTINGS EXHAUST DURING FIRE: MAX SUPPLY DURING FIRE: OFF LIGHTS DURING FIRE: OFF</p> <p>BMS SETTINGS NA</p>																																																							
<p>HOOD CONFIGURATION</p> <table border="1"> <thead> <tr> <th>HOOD #</th> <th>HOOD</th> <th>HOOD MARK</th> <th>ZONE</th> <th>EXHAUST</th> <th>SUPPLY</th> <th>MB-TEMP SENSORS</th> <th>HCB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>H1</td> <td>5.3 EXHAUST HOOD SECTION 1</td> <td>Z1</td> <td>E1</td> <td>S1</td> <td>TS1</td> <td>NO</td> </tr> </tbody> </table>																	HOOD #	HOOD	HOOD MARK	ZONE	EXHAUST	SUPPLY	MB-TEMP SENSORS	HCB	1	H1	5.3 EXHAUST HOOD SECTION 1	Z1	E1	S1	TS1	NO																							
HOOD #	HOOD	HOOD MARK	ZONE	EXHAUST	SUPPLY	MB-TEMP SENSORS	HCB																																																
1	H1	5.3 EXHAUST HOOD SECTION 1	Z1	E1	S1	TS1	NO																																																
<p>FAN CONFIGURATION</p> <table border="1"> <thead> <tr> <th>FAN #</th> <th>TYPE</th> <th>FAN</th> <th>FAN MARK</th> <th>ZONE</th> <th>MIN CFM</th> <th>MAX CFM</th> <th>MODBUS VFD</th> <th>VFD ADDRESS</th> <th>MIN FREQ.</th> <th>MAX FREQ.</th> <th>MIN VDC</th> <th>MAX VDC</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>SUPPLY</td> <td>S1</td> <td>MAU BY OTHERS</td> <td>Z1</td> <td>1063</td> <td>2125</td> <td>NO</td> <td>-</td> <td>-</td> <td>-</td> <td>5.0</td> <td>10.0</td> </tr> <tr> <td>2</td> <td>EXHAUST</td> <td>E1</td> <td>EF-3</td> <td>Z1</td> <td>1250</td> <td>2500</td> <td>NO</td> <td>-</td> <td>-</td> <td>-</td> <td>5.0</td> <td>10.0</td> </tr> </tbody> </table>																	FAN #	TYPE	FAN	FAN MARK	ZONE	MIN CFM	MAX CFM	MODBUS VFD	VFD ADDRESS	MIN FREQ.	MAX FREQ.	MIN VDC	MAX VDC	1	SUPPLY	S1	MAU BY OTHERS	Z1	1063	2125	NO	-	-	-	5.0	10.0	2	EXHAUST	E1	EF-3	Z1	1250	2500	NO	-	-	-	5.0	10.0
FAN #	TYPE	FAN	FAN MARK	ZONE	MIN CFM	MAX CFM	MODBUS VFD	VFD ADDRESS	MIN FREQ.	MAX FREQ.	MIN VDC	MAX VDC																																											
1	SUPPLY	S1	MAU BY OTHERS	Z1	1063	2125	NO	-	-	-	5.0	10.0																																											
2	EXHAUST	E1	EF-3	Z1	1250	2500	NO	-	-	-	5.0	10.0																																											



CONTROL INFORMATION

MARK	ELECTRICAL CONTROL PACKAGE		USER INTERFACE		FANS CONTROLLED											
	MODEL	LOCATION	TYPE	LOCATION	FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
5.4 CONTROLS	XKC-DCV-S-11-1-1-0	RIGHT CABINET ON 5.4 EXHAUST HOOD	FULL COLOR TOUCHSCREEN	CABINET - RIGHT CABINET ON 5.4 EXHAUST HOOD	1	SUPPLY	S1	MAU BY OTHERS	1	2125	2	208	60	3	NO	NO
					2	EXHAUST	E1	EF-4	1	2500	2	208	60	3	NO	NO

CONTROL FEATURES
 HOOD LIGHT CONTROL
 TEMP SENSORS (FACTORY INSTALLED) - QTY. 1
 DRY FIRE CONTACTS - QTY. 2
 LIGHTS OFF DURING FIRE
 EXHAUST MAX DURING FIRE
 SUPPLY OFF DURING FIRE
 GAS RESET



DOC NUMBER: --- REV: ---

CAUTION
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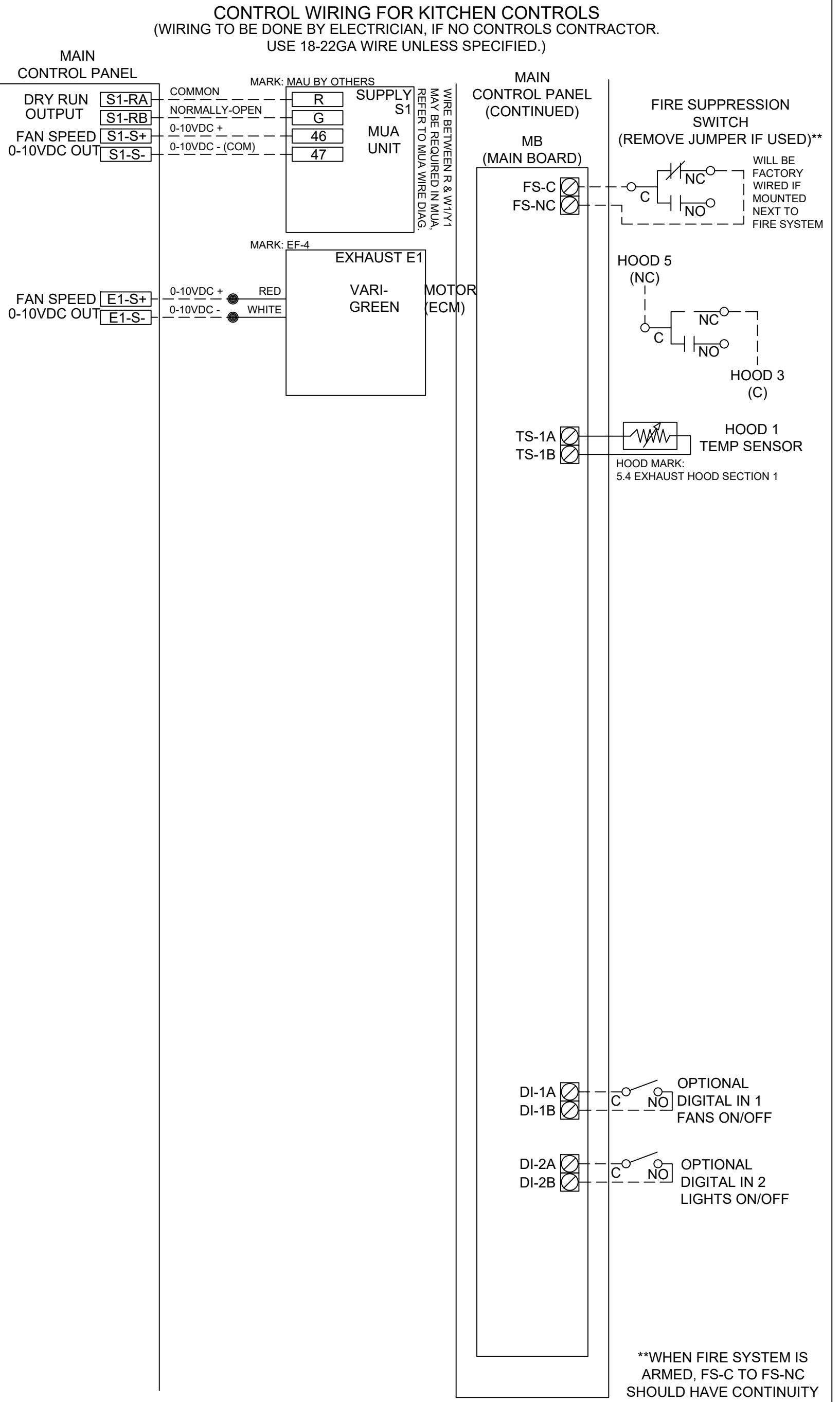
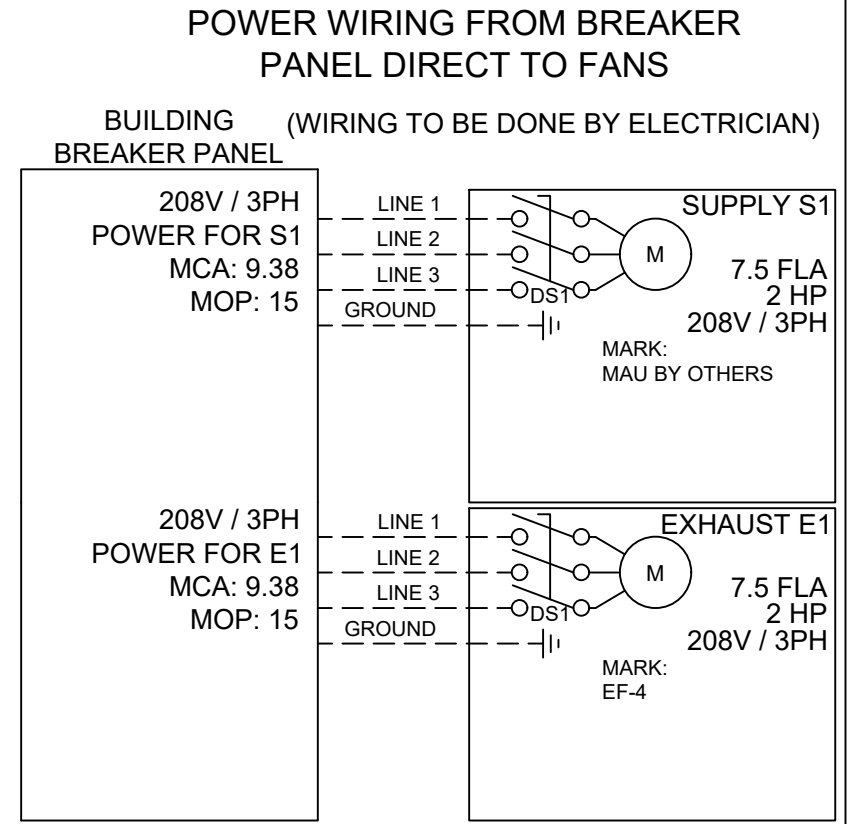
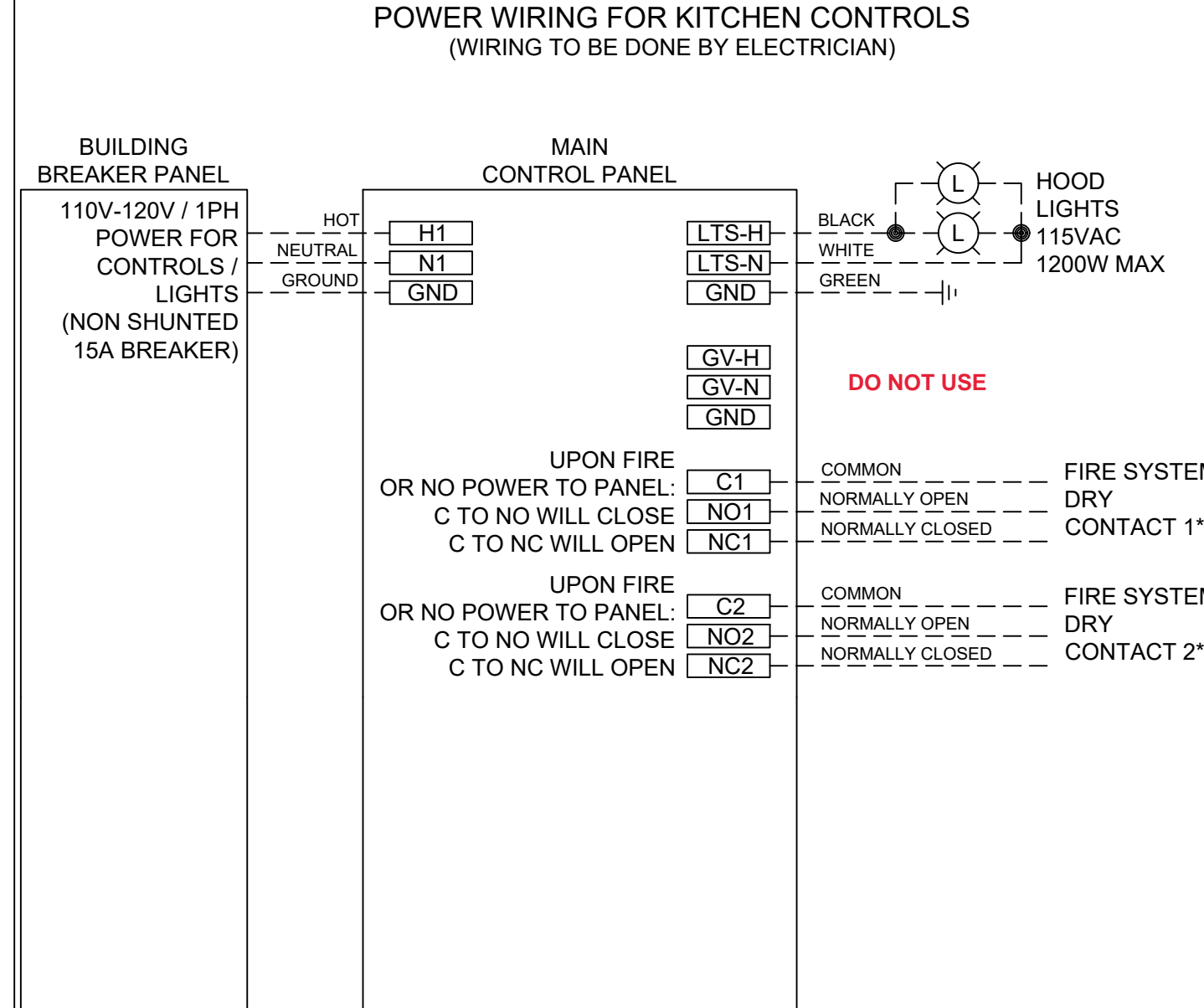
ATTENTION
L'APPAREIL DOIT ÊTRE MIS À LA TERRE CONFORMÉMENT AU CODE C.E. L'ALIMENTATION DOIT ÊTRE COUPÉE DURANT L'ENTRETIEN.

COMMERCIAL APPLIANCE OUTLET CENTER
ELECTRICAL RATINGS: 110-240V, 1PHASE, 50-60HZ, 15A
BASE FILE #E200616, ML FILE #E313951

PRG VERSION: V4
FIELD WIRING (CÂBLÉ LOCALEMENT) ---
FACTORY WIRING (CÂBLÉ À L'USINE) ---

NE PAS RETIRER CES DESSINS DE CET ÉQUIPEMENT. SAUF INDICATION CONTRAIRE, UTILISER DES CONDUCTEURS EN CUIVRE CLASSÉS 90 °C. SERRER LES BORNES DE COMMANDE ET DE MISE À LA TERRE À 8 LB-PO. SERRER LES COSSÉS/VIS D'ALIMENTATION AUX COUPLES INDICQUÉS POUR LE COMPOSANT. SERRER LES BORNES À VIS DE LA CARTE DE COMMANDE À 3.5 LB-PO. LA RÉSISTANCE DU CÂBLAGE DE COMMANDE LOCAL NE DOIT PAS DÉPASSER 0.75 OHM. POUR PLUS D'INFORMATION, CONSULTER LE MANUEL OU APPELER 1-800-371-8858.

WIRING DIAGRAM CODE: WDC#
 JOB NAME: HORLICK HS, RACINE, WI R4A
 MODEL: XKC-DCV-S-11-1-1-0
 SERIAL NUMBER: WDSN#
 MARK: 5.4 CONTROLS



CABINET DETAILS
DRAWING NOT TO SCALE

USER INTERFACE DETAILS

MOUNTING TYPE
FACTORY MOUNTED:
UTILITY CABINET - RIGHT END OF HOOD

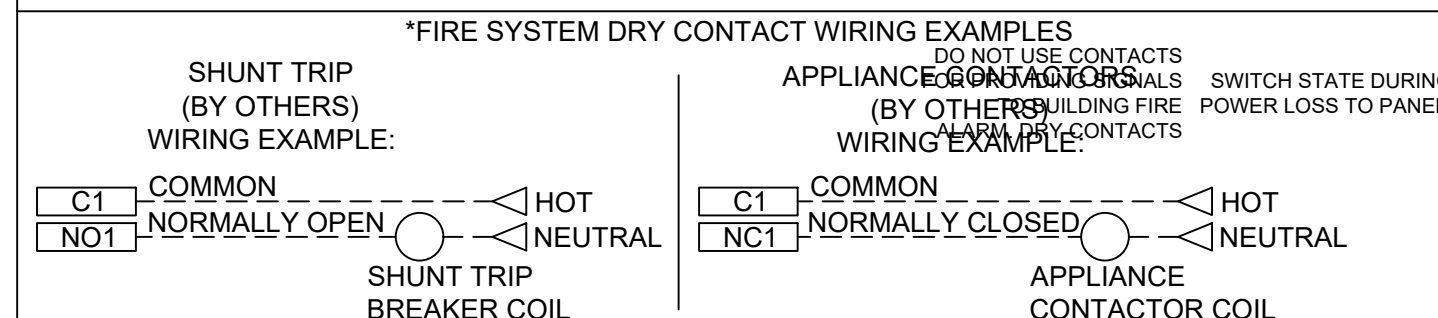
USER INTERFACE CONTROL
FANS AND LIGHTS

INTERFACE CABLE LENGTH
7FT (FACTORY PROVIDED)

MOUNTING LOCATION:
UTILITY CABINET ON HOOD
(INNER CONTROL BOX: 12 X 20 X 6)

NOTES:
1) WHEN CONTROLS ARE MOUNTED IN HOOD-MOUNTED OR WALL-MOUNTED UTILITY CABINET, FOR HOOD OR WALL CABINET DIMENSIONS SEE HOOD SUBMITTAL.
2) MINIMUM OF 36" OF CLEARANCE RECOMMENDED IN FRONT OF CONTROL CABINET

ZONE CONFIGURATION							WIRING DIAGRAM CODE: WDC#										
1	Z1	ROOM TEMP	PRESET				JOB NAME: HORLICK HS, RACINE, WI R4A										
							MODEL: XKC-DCV-S-11-1-1-0										
							SERIAL NUMBER: WDSN#										
							MARK: 5.4 CONTROLS										
							DOC NUMBER: --- REV: ---										
HOOD CONFIGURATION							DEFAULT SETTINGS / PARAMÈTRES PAR DÉFAUT										
HOOD #	HOOD	HOOD MARK	ZONE	EXHAUST	SUPPLY	MB-TEMP SENSORS	HC	FACTORY SETTINGS TYPE: VAV CONFIGURATION: STANDARD ZONES: 1 HOODS: 1 SUMP: 0 EXHAUST FANS: 1 SUPPLY FANS: 1 MB ROOM SENSOR: NO MB TEMP SENSORS: 1 HIGH TEMP FAULT: NO FREEZE PROTECTION: YES GAS RESET: YES FAN PROVING: NO BMS: NONE									
1	H1	5.4 EXHAUST HOOD SECTION 1	Z1	E1	S1	TS1	NO	ZONE SETTINGS SEE ZONE CONFIGURATION IN TABLE ON LEFT HOOD SETTINGS SEE HOOD CONFIGURATION IN TABLE ON LEFT EXHAUST FAN SETTINGS SEE FAN CONFIGURATION IN TABLE ON LEFT SUPPLY FAN SETTINGS SEE FAN CONFIGURATION IN TABLE ON LEFT SENSOR SETTINGS SEE HOOD CONFIGURATION IN TABLE ON LEFT USER INTERFACE SETTINGS (MB) FAN & LIGHT BUTTONS: SHOW BOTH (SEPERATE) USER INTERFACE SETTINGS (HCB) NA GENERAL SETTINGS TIME ZONE: CENTRAL DAYLIGHT (DEFAULT) FIRE/FAULT SETTINGS EXHAUST DURING FIRE: MAX SUPPLY DURING FIRE: OFF LIGHTS DURING FIRE: OFF BMS SETTINGS NA									
							PRG VERSION: V4										
FAN CONFIGURATION																	
FAN #	TYPE	FAN	FAN MARK	ZONE	MIN CFM	MAX CFM	MODBUS VFD	VFD ADDRESS	MIN FREQ.	MAX FREQ.	MIN VDC	MAX VDC					
1	SUPPLY	S1	MAU BY OTHERS	Z1	1063	2125	NO	-	-	-	5.0	10.0					
2	EXHAUST	E1	EF-4	Z1	1250	2500	NO	-	-	-	5.0	10.0					



CONTROL INFORMATION

MARK	ELECTRICAL CONTROL PACKAGE		USER INTERFACE		FANS CONTROLLED											
	MODEL	LOCATION	TYPE	LOCATION	FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
10 CONTROLS	XKC-DCV-S-11-1-1-0	RIGHT CABINET ON 10 EXHAUST HOOD	FULL COLOR TOUCHSCREEN	CABINET - RIGHT CABINET ON 10 EXHAUST HOOD	1	EXHAUST	E1	EF-5	1	1250	1	208	60	3	NO	NO
					2	SUPPLY	S1	MAU BY OTHERS	1	1250	1	208	60	3	NO	NO

- CONTROL FEATURES**
- HOOD LIGHT CONTROL
 - TEMP SENSORS (FACTORY INSTALLED) - QTY. 1
 - DRY FIRE CONTACTS - QTY. 2
 - LIGHTS OFF DURING FIRE
 - EXHAUST MAX DURING FIRE
 - SUPPLY OFF DURING FIRE
 - GAS RESET



DOC NUMBER: --- REV: ---

CAUTION
UNIT MUST BE GROUNDED IN ACCORDANCE WITH N.E.C. POWER MUST BE OFF WHILE SERVICING.

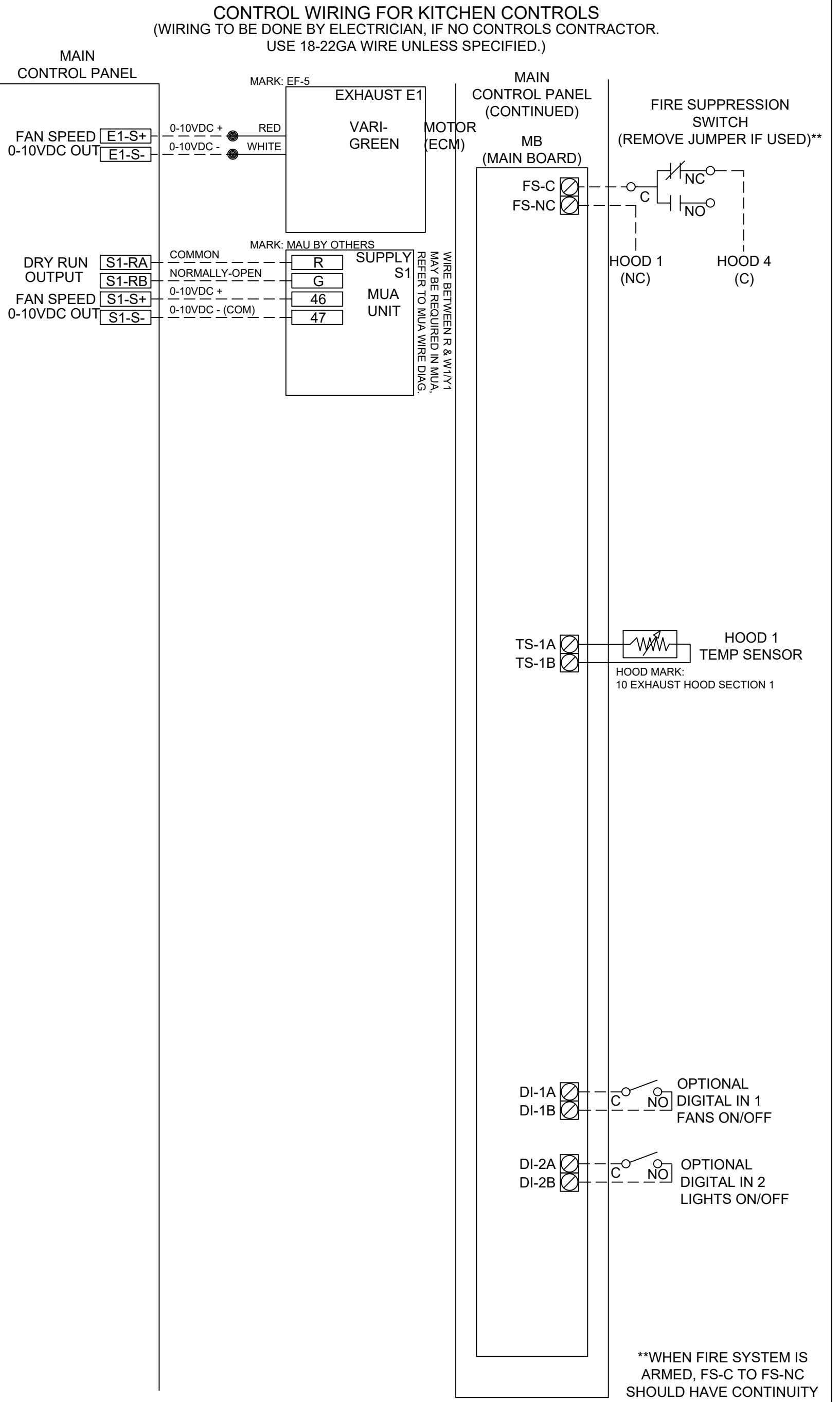
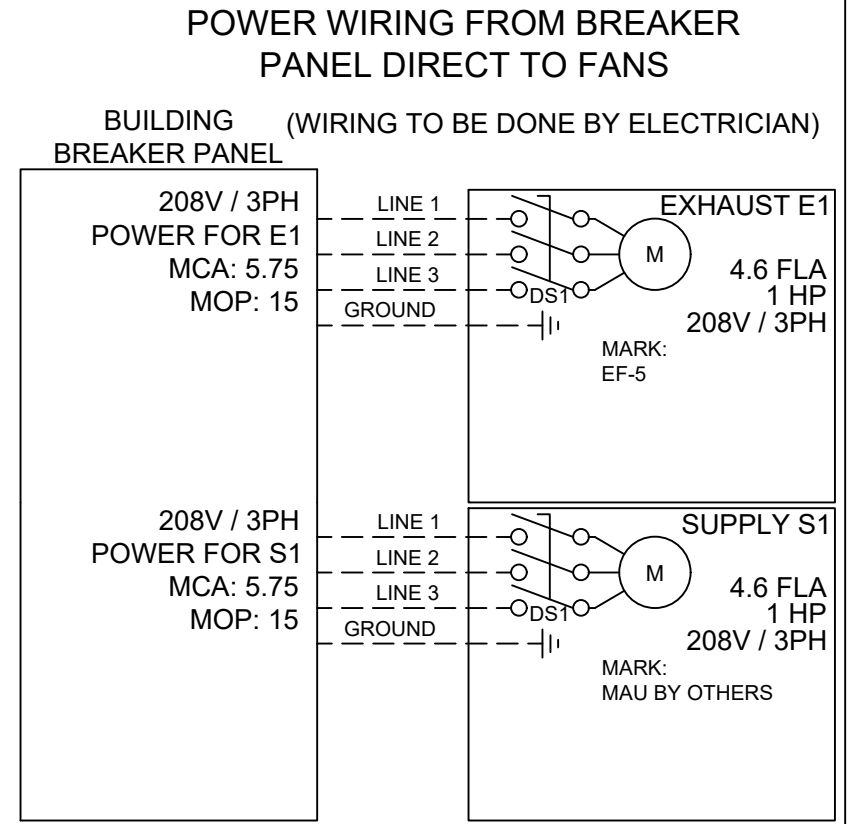
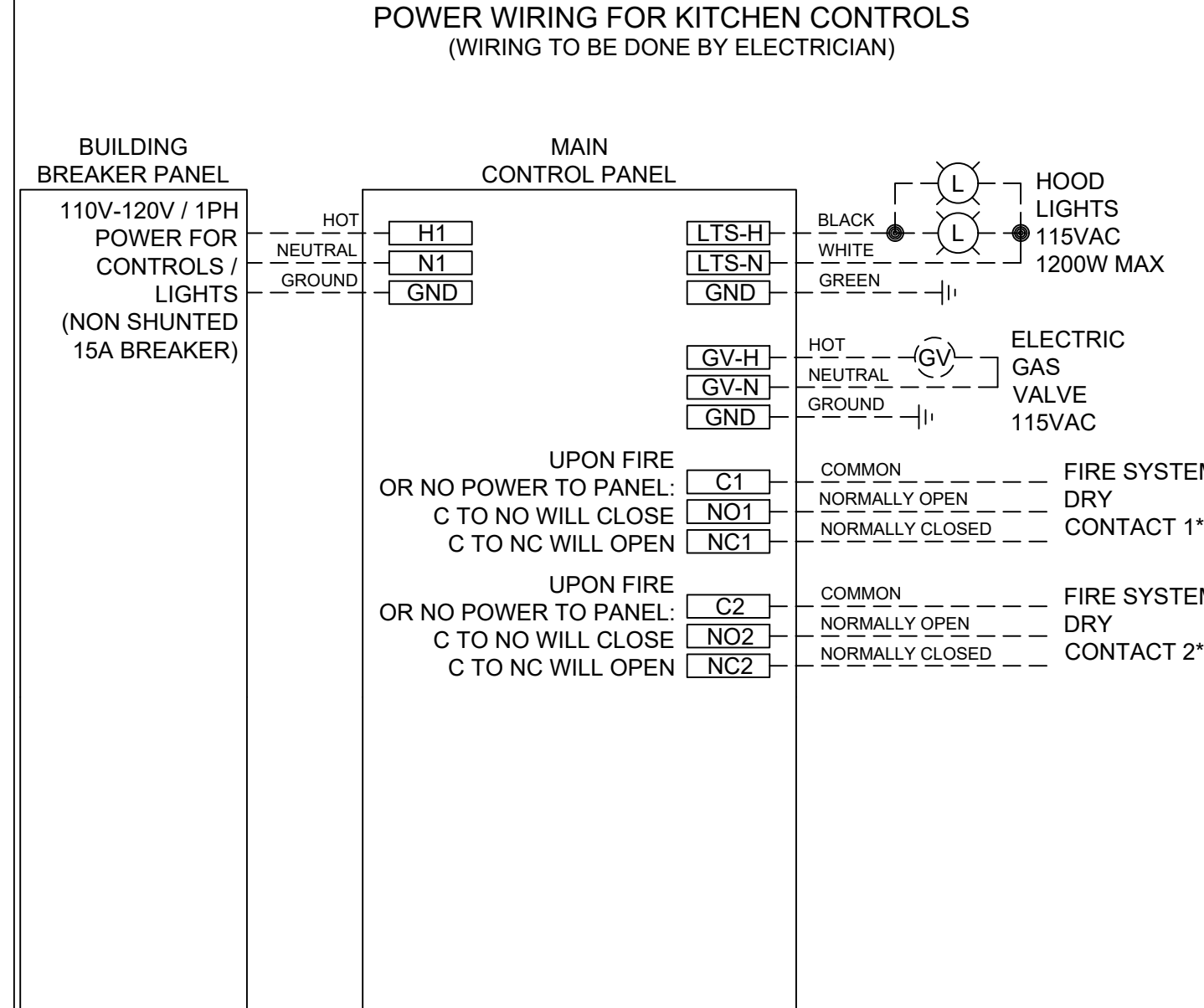
ATTENTION
L'APPAREIL DOIT ÊTRE MIS À LA TERRE CONFORMÉMENT AU CODE C.E. L'ALIMENTATION DOIT ÊTRE COUPÉE DURANT L'ENTRETIEN.

COMMERCIAL APPLIANCE OUTLET CENTER
ELECTRICAL RATINGS: 110-240V, 1PHASE, 50-60HZ, 15A
BASE FILE #E200616, ML FILE #E313951

PRG VERSION: V4
FIELD WIRED (CÂBLÉ LOCALEMENT) -----
FACTORY WIRED (CÂBLÉ À L'USINE) -----

NE PAS RETIRER CES DESSINS DE CET ÉQUIPEMENT. SAUF INDICATION CONTRAIRE, UTILISER DES CONDUCTEURS EN CUIVRE CLASSÉS 90 °C. SERRER LES BORNES DE COMMANDE ET DE MISE À LA TERRE À 8 LB-PO. SERRER LES COSSÉS/VIS D'ALIMENTATION AUX COUPLÉS INDICQUÉS POUR LE COMPOSANT. SERRER LES BORNES À VIS DE LA CARTE DE COMMANDE À 3.5 LB-PO. LA RÉSISTANCE DU CÂBLAGE DE COMMANDE LOCAL NE DOIT PAS DÉPASSER 0.75 OHM. POUR PLUS D'INFORMATION, CONSULTER LE MANUEL OU APPELER 1-800-371-8858

WIRING DIAGRAM CODE: WDC#
JOB NAME: HORLICK HS, RACINE, WI R4A
MODEL: XKC-DCV-S-11-1-1-0
SERIAL NUMBER: WDSN#
MARK: 10 CONTROLS



CABINET DETAILS

DRAWING NOT TO SCALE

USER INTERFACE DETAILS

MOUNTING TYPE
FACTORY MOUNTED:
UTILITY CABINET - RIGHT END OF HOOD

USER INTERFACE CONTROL
FANS AND LIGHTS

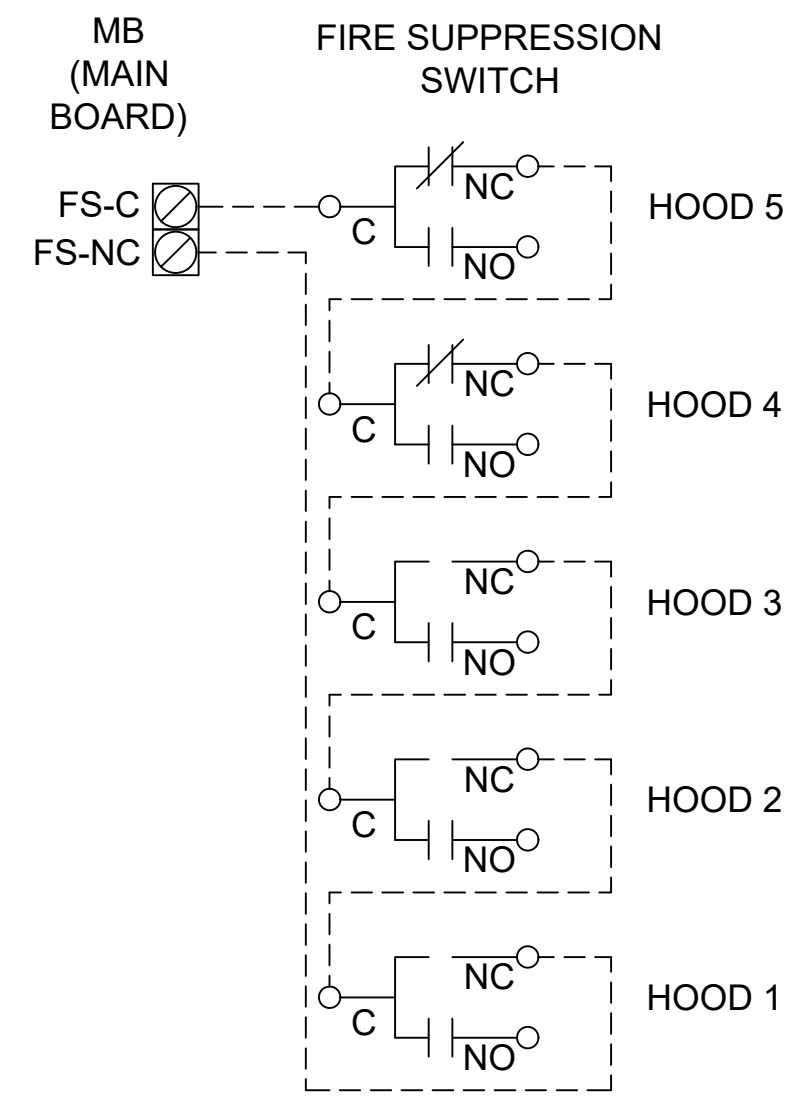
INTERFACE CABLE LENGTH
7FT (FACTORY PROVIDED)

MOUNTING LOCATION:
UTILITY CABINET ON HOOD
(INNER CONTROL BOX: 12 X 20 X 6)

NOTES:
1) WHEN CONTROLS ARE MOUNTED IN HOOD-MOUNTED OR WALL-MOUNTED UTILITY CABINET, FOR HOOD OR WALL CABINET DIMENSIONS SEE HOOD SUBMITTAL.
2) MINIMUM OF 36" OF CLEARANCE RECOMMENDED IN FRONT OF CONTROL CABINET

ZONE CONFIGURATION							WIRING DIAGRAM CODE: WDC#										
ZONE #	ZONE	ROOM TEMP	JOB NAME: HORLICK HS, RACINE, WI R4A														
1	Z1	PRESET	MODEL: XKC-DCV-S-11-1-1-0														
			SERIAL NUMBER: WDSN#														
			MARK: 10 CONTROLS														
			DOC NUMBER: --- REV: ---														
HOOD CONFIGURATION							DEFAULT SETTINGS / PARAMÈTRES PAR DÉFAUT										
HOOD #	HOOD	HOOD MARK	ZONE	EXHAUST	SUPPLY	MB-TEMP SENSORS	HCB	FACTORY SETTINGS									
1	H1	10 EXHAUST HOOD SECTION 1	Z1	E1	S1	TS1	NO	TYPE: VAV CONFIGURATION: STANDARD ZONES: 1 HOODS: 1 SUMPS: 0 EXHAUST FANS: 1 SUPPLY FANS: 1 MB ROOM SENSOR: NO MB TEMP SENSORS: 1 HIGH TEMP FAULT: NO FREEZE PROTECTION: YES GAS RESET: YES FAN PROVING: NO BMS: NONE									
							ZONE SETTINGS SEE ZONE CONFIGURATION IN TABLE ON LEFT										
							HOOD SETTINGS SEE HOOD CONFIGURATION IN TABLE ON LEFT										
							EXHAUST FAN SETTINGS SEE FAN CONFIGURATION IN TABLE ON LEFT										
							SUPPLY FAN SETTINGS SEE FAN CONFIGURATION IN TABLE ON LEFT										
							SENSOR SETTINGS SEE HOOD CONFIGURATION IN TABLE ON LEFT										
							USER INTERFACE SETTINGS (MB) FAN & LIGHT BUTTONS: SHOW BOTH (SEPERATE)										
							USER INTERFACE SETTINGS (HCB) NA										
							GENERAL SETTINGS TIME ZONE: CENTRAL DAYLIGHT (DEFAULT)										
							FIRE/FAULT SETTINGS EXHAUST DURING FIRE: MAX SUPPLY DURING FIRE: OFF LIGHTS DURING FIRE: OFF										
							BMS SETTINGS NA										
							PRG VERSION: V4										
FAN CONFIGURATION																	
FAN #	TYPE	FAN	FAN MARK	ZONE	MIN CFM	MAX CFM	MODBUS VFD	VFD ADDRESS	MIN FREQ.	MAX FREQ.	MIN VDC	MAX VDC					
1	EXHAUST	E1	EF-5	Z1	625	1250	NO	-	-	-	5.0	10.0					
2	SUPPLY	S1	MAU BY OTHERS	Z1	625	1250	NO	-	-	-	5.0	10.0					

CONTROL WIRING FOR KITCHEN CONTROLS
 (WIRING TO BE DONE BY ELECTRICIAN, IF NO CONTROLS CONTRACTOR. USE 18-22GA WIRE UNLESS SPECIFIED.)



**WHEN FIRE SYSTEM IS ARMED, FS-C TO FS-NC SHOULD HAVE CONTINUITY

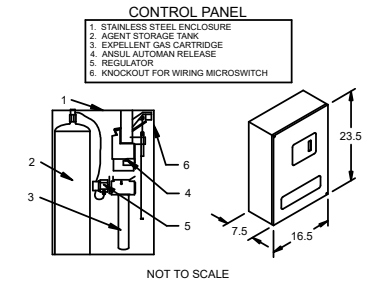
FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
			HOODS	PCU			
7.1 FIRE SUPPRESSION	ANSUL R-102 WET CHEMICAL	CABINET – LEFT END OF 5.1 EXHAUST HOOD	16 UTILIZED				
			22 AVAILABLE		CONTINUOUS	FUSIBLE LINK	5.1 EXHAUST HOOD SECTION 1

FIRE SYSTEM OPTIONS AND ACCESSORIES

- PRE-PIPE WITH FACTORY PARTS (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND DISTRIBUTOR SUPPLIED PARTS)
- CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
- METAL BLOW-OFF CAPS - INCLUDED
- HOOD SUPPRESSION TANK - INCLUDED - 6 GAL. - [(2) 3.0 TANK(S)]
- REMOTE PULL STATION - STANDARD - FIELD INSTALLATION AT SINGLE POINT OF EGRESS

ANSUL R102 (WET CHEMICAL) FIRE PROTECTION SYSTEM - MODEL FSSC



NOTES:

WET CHEMICAL FIRE PROTECTION SYSTEM TO BE ANSUL R-102, DESIGNED IN COMPLIANCE WITH UL 300 REQUIREMENTS.

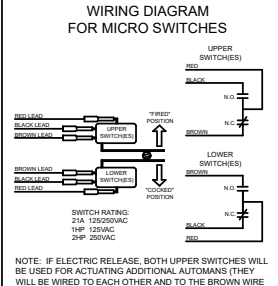
- VERIFICATION OF ALL COOKING EQUIPMENT MAKE, MODEL AND LOCATION REQUIRED FOR ALL FIRE PROTECTION SYSTEMS.
- ALL FIRE SYSTEM PIPING IS STANDARDLY TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END.
- ANSUL AUTOMAN RELEASE TO BE LOCATED WITHIN 60" OF HOOD.

THE BASIC FIRE SYSTEM WILL INCLUDE THE FOLLOWING:

- GAS SHUT-OFF VALVE, IF REQUIRED, TO BE SUPPLIED BY MANUFACTURER (UP TO 2" DIAMETER AS STANDARD), AND INSTALLED BY A LICENSED PLUMBER.
- MICRO SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEM(S), EXHAUST AND SUPPLY FANS AND ELECTRICAL POWER SHUT DOWN. FIELD WIRING AND CONNECTIONS TO BE PERFORMED BY A LICENSED ELECTRICIAN.

THE BASIC FIRE SYSTEM DOES NOT INCLUDE THE FOLLOWING:

- FULL DUMP TEST OTHER THAN WHAT IS SPECIFIED PER THE INSTALLATION MANUAL, OR TO SATISFY A STATE OR LOCAL CODE. PERMIT AND TESTING FEES ARE NOT INCLUDED UNLESS NOTED UNDER THE EQUIPMENT SCHEDULE FOR THE FIRE SYSTEM.
- MORE THAN TWO TRIPS TO THE JOBSITE OR SPECIAL TRANSPORTATION, OR OVERNIGHT LODGING REQUIREMENTS IN REMOTE AREAS. NORMAL TRAVEL DISTANCE IS FIRST 50 MI. (80.5 KM) FROM OFFICE.
- SPECIAL CLASSES OR ADDITIONAL LABOR FOR ACCESS TO SECURITY SENSITIVE AREAS
- INSTALLATION OF GAS SHUT-OFF VALVE.
- SPECIAL DRAWINGS REQUIRED TO SATISFY STATE OR LOCAL CODE. PLAN EXAMINATION FEES, PE OR PS APPROVAL STAMP.
- UNION LABOR, GOVERNMENT LABOR, OR PREVAILING WAGES REQUIRED FOR FINAL FIELD HOOK-UP.
- ANY AND ALL ELECTRICAL COMPONENTS/CONNECTIONS REQUIRED TO SHUT DOWN FANS, SHUT OFF DEVICE FOR ELECTRIC COOKING EQUIPMENT (SHUNT TRIP BREAKER), OR ACTIVATE AN ALARM SYSTEM, ETC.
- ANY DISMANTLING OR REASSEMBLY REQUIRED TO GAIN ACCESS TO THE FIRE SUPPRESSION PIPING LOCATED ON THE TOP OF THE HOOD.
- ROUGH-IN HIDDEN CONDUIT FOR REMOTE PULL STATION OR GAS VALVE (FLUSH MOUNTED PULL STATION).
- INSTALLATION OF MORE THAN (1) REMOTE PULL STATIONS OR DISTANCES GREATER THAN 20 FT (6.1M).
- PARTS OR LABOR REQUIRED TO CORRECT PIPING DUE TO COOKING EQUIPMENT CHANGES OR DEVIATION FROM PLANS, OR ANY CHARGES FOR MISSING OR ADDITIONAL PARTS OTHER THEN THOSE INDICATED ON THE FIRE SUPPRESSION DETAIL.



NOTES:

IF ELECTRIC RELEASE, BOTH UPPER SWITCHES WILL BE USED FOR ACTUATING ADDITIONAL AUTOMANS (THEY WILL BE WIRED TO EACH OTHER AND TO THE BROWN WIRE ON THE ELECTRIC SOLENOID). THEREFORE, USE ONE OF THE UN-UTILIZED LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL (DO NOT USE EITHER OF THE UPPER SWITCHES).

IF USING LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL, NORMALLY-CLOSED WILL BE BLACK LEAD, AND NORMALLY-OPEN WILL BE BROWN LEAD.

DPDT SWITCHES PROVIDED BY MANUFACTURER MAY BE WIRED PER TYPICAL EXAMPLES SHOWN, VERIFY WITH LOCAL CODES AND EQUIPMENT SUPPLIED AS THE CONNECTION NEEDED FOR YOUR INSTALLATION.

CONNECTION TO BUILDINGS ALARM

VOLTAGE FREE CONTACTS FOR BUILDING ALARM

CONNECTION TO KC (PCB) CONTROL PANEL

DO NOT WIRE ANY HOT WIRES INTO THE MICROSWITCH TERMINALS OR PCB BOARD. WIRE TO OPEN, NORMALLY CLOSED CONTACT ON FIRE SUPPRESSION MICROSWITCH.

1 - - - - - DENOTES FIELD INSTALLATION.
2 - - - - - DENOTES FACTORY INSTALLATION.

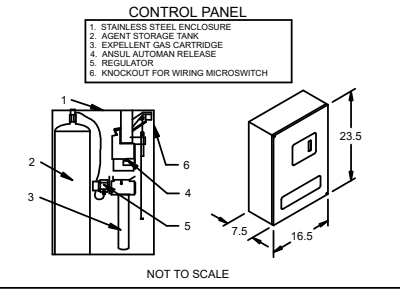
FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
			HOODS	PCU			
7.2 FIRE SUPPRESSION	ANSUL R-102 WET CHEMICAL	CABINET – RIGHT END OF 5.2 EXHAUST HOOD	16 UTILIZED 22 AVAILABLE		CONTINUOUS	FUSIBLE LINK	5.2 EXHAUST HOOD SECTION 1

FIRE SYSTEM OPTIONS AND ACCESSORIES

- PRE-PIPE WITH FACTORY PARTS (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND DISTRIBUTOR SUPPLIED PARTS)
- CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
- METAL BLOW-OFF CAPS - INCLUDED
- HOOD SUPPRESSION TANK - INCLUDED - 6 GAL. - [(2) 3.0 TANK(S)]
- REMOTE PULL STATION - STANDARD - FIELD INSTALLATION AT SINGLE POINT OF EGRESS

ANSUL R102 (WET CHEMICAL) FIRE PROTECTION SYSTEM - MODEL FSSC



NOTES:

WET CHEMICAL FIRE PROTECTION SYSTEM TO BE ANSUL R-102, DESIGNED IN COMPLIANCE WITH UL 300 REQUIREMENTS.

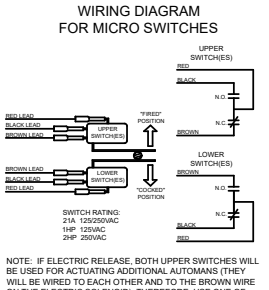
- VERIFICATION OF ALL COOKING EQUIPMENT MAKE, MODEL AND LOCATION REQUIRED FOR ALL FIRE PROTECTION SYSTEMS.
- ALL FIRE SYSTEM PIPING IS STANDARDLY TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END.
- ANSUL AUTOMAN RELEASE TO BE LOCATED WITHIN 60" OF HOOD.

THE BASIC FIRE SYSTEM WILL INCLUDE THE FOLLOWING:

- GAS SHUT-OFF VALVE, IF REQUIRED, TO BE SUPPLIED BY MANUFACTURER (UP TO 2" DIAMETER AS STANDARD), AND INSTALLED BY A LICENSED PLUMBER.
- MICRO SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEM(S), EXHAUST AND SUPPLY FANS AND ELECTRICAL POWER SHUT DOWN. FIELD WIRING AND CONNECTIONS TO BE PERFORMED BY A LICENSED ELECTRICIAN.

THE BASIC FIRE SYSTEM DOES NOT INCLUDE THE FOLLOWING:

- FULL DUMP TEST OTHER THAN WHAT IS SPECIFIED PER THE INSTALLATION MANUAL, OR TO SATISFY A STATE OR LOCAL CODE. PERMIT AND TESTING FEES ARE NOT INCLUDED UNLESS NOTED UNDER THE EQUIPMENT SCHEDULE FOR THE FIRE SYSTEM.
- MORE THAN TWO TRIPS TO THE JOBSITE OR SPECIAL TRANSPORTATION, OR OVERNIGHT LODGING REQUIREMENTS IN REMOTE AREAS. NORMAL TRAVEL DISTANCE IS FIRST 50 MI. (80.5 KM) FROM OFFICE.
- SPECIAL CLASSES OR ADDITIONAL LABOR FOR ACCESS TO SECURITY SENSITIVE AREAS
- INSTALLATION OF GAS SHUT-OFF VALVE.
- SPECIAL DRAWINGS REQUIRED TO SATISFY STATE OR LOCAL CODE. PLAN EXAMINATION FEES, PE OR PS APPROVAL STAMP.
- UNION LABOR, GOVERNMENT LABOR, OR PREVAILING WAGES REQUIRED FOR FINAL FIELD HOOK-UP.
- ANY AND ALL ELECTRICAL COMPONENTS/CONNECTIONS REQUIRED TO SHUT DOWN FANS, SHUT OFF DEVICE FOR ELECTRIC COOKING EQUIPMENT (SHUNT TRIP BREAKER), OR ACTIVATE AN ALARM SYSTEM, ETC.
- ANY DISMANTLING OR REASSEMBLY REQUIRED TO GAIN ACCESS TO THE FIRE SUPPRESSION PIPING LOCATED ON THE TOP OF THE HOOD.
- ROUGH-IN HIDDEN CONDUIT FOR REMOTE PULL STATION OR GAS VALVE (FLUSH MOUNTED PULL STATION).
- INSTALLATION OF MORE THAN (1) REMOTE PULL STATIONS OR DISTANCES GREATER THAN 20 FT (6.1M).
- PARTS OR LABOR REQUIRED TO CORRECT PIPING DUE TO COOKING EQUIPMENT CHANGES OR DEVIATION FROM PLANS, OR ANY CHARGES FOR MISSING OR ADDITIONAL PARTS OTHER THEN THOSE INDICATED ON THE FIRE SUPPRESSION DETAIL.



NOTES:

IF ELECTRIC RELEASE, BOTH UPPER SWITCHES WILL BE USED FOR ACTUATING ADDITIONAL AUTOMANS (THEY WILL BE WIRED TO EACH OTHER AND TO THE BROWN WIRE ON THE ELECTRIC SOLENOID). THEREFORE, USE ONE OF THE UN-UTILIZED LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL (DO NOT USE EITHER OF THE UPPER SWITCHES).

IF USING LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL, NORMALLY-CLOSED WILL BE BLACK LEAD, AND NORMALLY-OPEN WILL BE BROWN LEAD.

DPDT SWITCHES PROVIDED BY MANUFACTURER MAY BE WIRED PER TYPICAL EXAMPLES SHOWN, VERIFY WITH LOCAL CODES AND EQUIPMENT SUPPLIED AS THE CONNECTION NEEDED FOR YOUR INSTALLATION.

CONNECTION TO BUILDINGS ALARM

CONNECTION TO KC (PCB) CONTROL PANEL

DO NOT WIRE ANY HOT WIRES INTO THE MICROSWITCH TERMINALS OR PCB BOARD. WIRE TO OPEN, NORMALLY CLOSED CONTACT OR FIRE SUPPRESSION MICROSWITCH.

1 - - - - - DENOTES FIELD INSTALLATION.
2 - - - - - DENOTES FACTORY INSTALLATION.

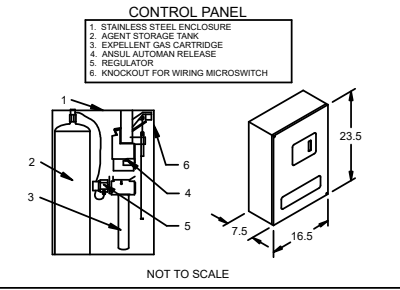
FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
			HOODS	PCU			
7.3 FIRE SUPPRESSION	ANSUL R-102 WET CHEMICAL	CABINET – LEFT END OF 5.3 EXHAUST HOOD	16 UTILIZED 22 AVAILABLE		CONTINUOUS	FUSIBLE LINK	5.3 EXHAUST HOOD SECTION 1

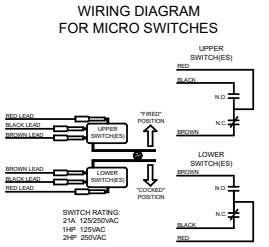
FIRE SYSTEM OPTIONS AND ACCESSORIES

- PRE-PIPE WITH FACTORY PARTS (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND DISTRIBUTOR SUPPLIED PARTS)
- CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
- METAL BLOW-OFF CAPS - INCLUDED
- HOOD SUPPRESSION TANK - INCLUDED - 6 GAL. - [(2) 3.0 TANK(S)]
- REMOTE PULL STATION - STANDARD - FIELD INSTALLATION AT SINGLE POINT OF EGRESS

ANSUL R102 (WET CHEMICAL) FIRE PROTECTION SYSTEM - MODEL FSSC



NOT TO SCALE



NOTE: IF ELECTRIC RELEASE, BOTH UPPER SWITCHES WILL BE USED FOR ACTUATING ADDITIONAL AUTOMANS (THEY WILL BE WIRED TO EACH OTHER AND TO THE BROWN WIRE ON THE ELECTRIC SOLENOID). THEREFORE, USE ONE OF THE UN-UTILIZED LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL (DO NOT USE EITHER OF THE UPPER SWITCHES).

IF USING LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL, NORMALLY-CLOSED WILL BE BLACK LEAD, AND NORMALLY-OPEN WILL BE BROWN LEAD.

NOTES:

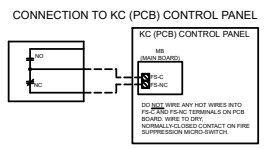
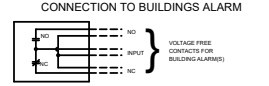
- WET CHEMICAL FIRE PROTECTION SYSTEM TO BE ANSUL R-102, DESIGNED IN COMPLIANCE WITH UL 300 REQUIREMENTS.
- VERIFICATION OF ALL COOKING EQUIPMENT MAKE, MODEL AND LOCATION REQUIRED FOR ALL FIRE PROTECTION SYSTEMS.
- ALL FIRE SYSTEM PIPING IS STANDARDLY TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END.
- ANSUL AUTOMAN RELEASE TO BE LOCATED WITHIN 60" OF HOOD.

THE BASIC FIRE SYSTEM WILL INCLUDE THE FOLLOWING:

- GAS SHUT-OFF VALVE, IF REQUIRED, TO BE SUPPLIED BY MANUFACTURER (UP TO 2" DIAMETER AS STANDARD), AND INSTALLED BY A LICENSED PLUMBER.
- MICRO SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEM(S), EXHAUST AND SUPPLY FANS AND ELECTRICAL POWER SHUT DOWN. FIELD WIRING AND CONNECTIONS TO BE PERFORMED BY A LICENSED ELECTRICIAN.

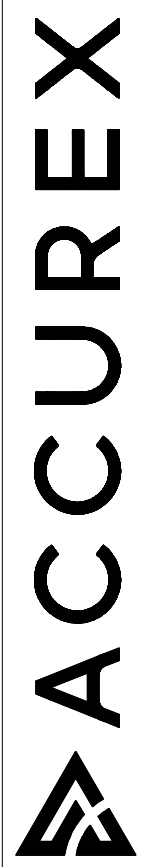
THE BASIC FIRE SYSTEM DOES NOT INCLUDE THE FOLLOWING:

- FULL DUMP TEST OTHER THAN WHAT IS SPECIFIED PER THE INSTALLATION MANUAL, OR TO SATISFY A STATE OR LOCAL CODE. PERMIT AND TESTING FEES ARE NOT INCLUDED UNLESS NOTED UNDER THE EQUIPMENT SCHEDULE FOR THE FIRE SYSTEM.
- MORE THAN TWO TRIPS TO THE JOBSITE OR SPECIAL TRANSPORTATION, OR OVERNIGHT LODGING REQUIREMENTS IN REMOTE AREAS. NORMAL TRAVEL DISTANCE IS FIRST 50 MI. (80.5 KM) FROM OFFICE.
- SPECIAL CLASSES OR ADDITIONAL LABOR FOR ACCESS TO SECURITY SENSITIVE AREAS
- INSTALLATION OF GAS SHUT-OFF VALVE.
- SPECIAL DRAWINGS REQUIRED TO SATISFY STATE OR LOCAL CODE. PLAN EXAMINATION FEES, PE OR PS APPROVAL STAMP.
- UNION LABOR, GOVERNMENT LABOR, OR PREVAILING WAGES REQUIRED FOR FINAL FIELD HOOK-UP.
- ANY AND ALL ELECTRICAL COMPONENTS/CONNECTIONS REQUIRED TO SHUT DOWN FANS, SHUT OFF DEVICE FOR ELECTRIC COOKING EQUIPMENT (SHUNT TRIP BREAKER), OR ACTIVATE AN ALARM SYSTEM, ETC.
- ANY DISMANTLING OR REASSEMBLY REQUIRED TO GAIN ACCESS TO THE FIRE SUPPRESSION PIPING LOCATED ON THE TOP OF THE HOOD.
- ROUGH-IN HIDDEN CONDUIT FOR REMOTE PULL STATION OR GAS VALVE (FLUSH MOUNTED PULL STATION).
- INSTALLATION OF MORE THAN (1) REMOTE PULL STATIONS OR DISTANCES GREATER THAN 20 FT (6.1M).
- PARTS OR LABOR REQUIRED TO CORRECT PIPING DUE TO COOKING EQUIPMENT CHANGES OR DEVIATION FROM PLANS, OR ANY CHARGES FOR MISSING OR ADDITIONAL PARTS OTHER THEN THOSE INDICATED ON THE FIRE SUPPRESSION DETAIL.



NOTES:

- 1 - - - - - DENOTES FIELD INSTALLATION.
- 2 - - - - - DENOTES FACTORY INSTALLATION.



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PROJECT
3/17/2025

MARK

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7.3 FIRE SUPPRESSION



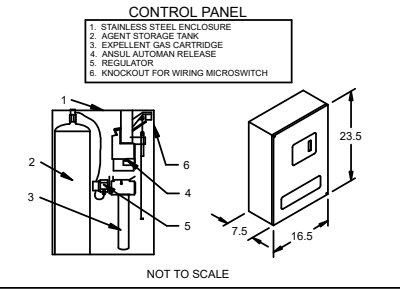
FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
			HOODS	PCU			
7.4 FIRE SUPPRESSION	ANSUL R-102 WET CHEMICAL	CABINET – RIGHT END OF 5.4 EXHAUST HOOD	16 UTILIZED		CONTINUOUS	FUSIBLE LINK	5.4 EXHAUST HOOD SECTION 1

FIRE SYSTEM OPTIONS AND ACCESSORIES

- PRE-PIPE WITH FACTORY PARTS (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND DISTRIBUTOR SUPPLIED PARTS)
- CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
- METAL BLOW-OFF CAPS - INCLUDED
- HOOD SUPPRESSION TANK - INCLUDED - 6 GAL. - [(2) 3.0 TANK(S)]
- REMOTE PULL STATION - STANDARD - FIELD INSTALLATION AT SINGLE POINT OF EGRESS

ANSUL R102 (WET CHEMICAL) FIRE PROTECTION SYSTEM - MODEL FSSC



NOTES:

WET CHEMICAL FIRE PROTECTION SYSTEM TO BE ANSUL R-102, DESIGNED IN COMPLIANCE WITH UL 300 REQUIREMENTS.

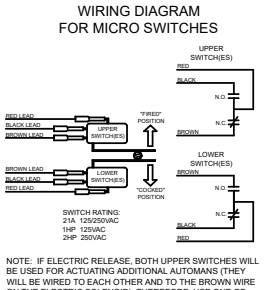
- VERIFICATION OF ALL COOKING EQUIPMENT MAKE, MODEL AND LOCATION REQUIRED FOR ALL FIRE PROTECTION SYSTEMS.
- ALL FIRE SYSTEM PIPING IS STANDARDLY TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END.
- ANSUL AUTOMAN RELEASE TO BE LOCATED WITHIN 60" OF HOOD.

THE BASIC FIRE SYSTEM WILL INCLUDE THE FOLLOWING:

- GAS SHUT-OFF VALVE, IF REQUIRED, TO BE SUPPLIED BY MANUFACTURER (UP TO 2" DIAMETER AS STANDARD), AND INSTALLED BY A LICENSED PLUMBER.
- MICRO SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEM(S), EXHAUST AND SUPPLY FANS AND ELECTRICAL POWER SHUT DOWN. FIELD WIRING AND CONNECTIONS TO BE PERFORMED BY A LICENSED ELECTRICIAN.

THE BASIC FIRE SYSTEM DOES NOT INCLUDE THE FOLLOWING:

- FULL DUMP TEST OTHER THAN WHAT IS SPECIFIED PER THE INSTALLATION MANUAL, OR TO SATISFY A STATE OR LOCAL CODE. PERMIT AND TESTING FEES ARE NOT INCLUDED UNLESS NOTED UNDER THE EQUIPMENT SCHEDULE FOR THE FIRE SYSTEM.
- MORE THAN TWO TRIPS TO THE JOBSITE OR SPECIAL TRANSPORTATION, OR OVERNIGHT LODGING REQUIREMENTS IN REMOTE AREAS. NORMAL TRAVEL DISTANCE IS FIRST 50 MI. (80.5 KM) FROM OFFICE.
- SPECIAL CLASSES OR ADDITIONAL LABOR FOR ACCESS TO SECURITY SENSITIVE AREAS
- INSTALLATION OF GAS SHUT-OFF VALVE.
- SPECIAL DRAWINGS REQUIRED TO SATISFY STATE OR LOCAL CODE. PLAN EXAMINATION FEES, PE OR PS APPROVAL STAMP.
- UNION LABOR, GOVERNMENT LABOR, OR PREVAILING WAGES REQUIRED FOR FINAL FIELD HOOK-UP.
- ANY AND ALL ELECTRICAL COMPONENTS/CONNECTIONS REQUIRED TO SHUT DOWN FANS, SHUT OFF DEVICE FOR ELECTRIC COOKING EQUIPMENT (SHUNT TRIP BREAKER), OR ACTIVATE AN ALARM SYSTEM, ETC.
- ANY DISMANTLING OR REASSEMBLY REQUIRED TO GAIN ACCESS TO THE FIRE SUPPRESSION PIPING LOCATED ON THE TOP OF THE HOOD.
- ROUGH-IN HIDDEN CONDUIT FOR REMOTE PULL STATION OR GAS VALVE (FLUSH MOUNTED PULL STATION).
- INSTALLATION OF MORE THAN (1) REMOTE PULL STATIONS OR DISTANCES GREATER THAN 20 FT (6.1M).
- PARTS OR LABOR REQUIRED TO CORRECT PIPING DUE TO COOKING EQUIPMENT CHANGES OR DEVIATION FROM PLANS, OR ANY CHARGES FOR MISSING OR ADDITIONAL PARTS OTHER THAN THOSE INDICATED ON THE FIRE SUPPRESSION DETAIL.



NOTES:

IF ELECTRIC RELEASE, BOTH UPPER SWITCHES WILL BE USED FOR ACTUATING ADDITIONAL AUTOMANS (THEY WILL BE WIRED TO EACH OTHER AND TO THE BROWN WIRE ON THE ELECTRIC SOLENOID). THEREFORE, USE ONE OF THE UN-UTILIZED LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL (DO NOT USE EITHER OF THE UPPER SWITCHES).

IF USING LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL, NORMALLY-CLOSED WILL BE BLACK LEAD, AND NORMALLY-OPEN WILL BE BROWN LEAD.

DPDT SWITCHES PROVIDED BY MANUFACTURER MAY BE WIRED PER TYPICAL EXAMPLES SHOWN, VERIFY WITH LOCAL CODES AND EQUIPMENT SUPPLIED AS THE CONNECTION NEEDED FOR YOUR INSTALLATION.

CONNECTION TO BUILDINGS ALARM

VOLTAGES FREE CONTACTS FOR BUILDING ALARM

CONNECTION TO KC (PCB) CONTROL PANEL

DO NOT WIRE ANY HOT WIRES INTO THE MICROSWITCH TERMINALS OR PCB BOARD. WIRE TO OPEN, NORMALLY-CLOSED CONTACT ON FIRE SUPPRESSION MICROSWITCH.

1 - - - - - DENOTES FIELD INSTALLATION.
2 - - - - - DENOTES FACTORY INSTALLATION.

FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
			HOODS	PCU			
11 FIRE SUPPRESSION	ANSUL R-102 WET CHEMICAL	CABINET – RIGHT END OF 10 EXHAUST HOOD	8 UTILIZED		CONTINUOUS	FUSIBLE LINK	10 EXHAUST HOOD SECTION 1

FIRE SYSTEM OPTIONS AND ACCESSORIES

FULL INSTALLATION (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND FACTORY COORDINATED INSTALL)
 CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
 METAL BLOW-OFF CAPS - INCLUDED
 GAS VALVE - INCLUDED - ELECTRICAL SHUTOFF VALVE, 1.25", 110V, 60HZ - PART# 458578
 HOOD SUPPRESSION TANK - INCLUDED - 3 GAL. - [(1) 3.0 TANK(S)]
 REMOTE PULL STATION - STANDARD - FIELD INSTALLATION AT SINGLE POINT OF EGRESS

ANSUL R102 (WET CHEMICAL) FIRE PROTECTION SYSTEM - MODEL FSSC

CONTROL PANEL

WIRING DIAGRAM FOR MICRO SWITCHES

WIRING DIAGRAM FOR MANUAL RESET RELAY (ELECTRIC GAS VALVE ONLY)

NOTES:

WET CHEMICAL FIRE PROTECTION SYSTEM TO BE ANSUL R-102, DESIGNED IN COMPLIANCE WITH UL 300 REQUIREMENTS.
 -VERIFICATION OF ALL COOKING EQUIPMENT MAKE, MODEL AND LOCATION REQUIRED FOR ALL FIRE PROTECTION SYSTEMS.
 -ALL FIRE SYSTEM PIPING IS STANDARDLY TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END.
 -ANSUL AUTOMAN RELEASE TO BE LOCATED WITHIN 60" OF HOOD.

THE BASIC FIRE SYSTEM WILL INCLUDE THE FOLLOWING:
 -GAS SHUT-OFF VALVE, IF REQUIRED, TO BE SUPPLIED BY MANUFACTURER (UP TO 2" DIAMETER AS STANDARD), AND INSTALLED BY A LICENSED PLUMBER.
 -MICRO SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEM(S), EXHAUST AND SUPPLY FANS AND ELECTRICAL POWER SHUT DOWN. FIELD WIRING AND CONNECTIONS TO BE PERFORMED BY A LICENSED ELECTRICIAN.

THE BASIC FIRE SYSTEM DOES NOT INCLUDE THE FOLLOWING:
 -FULL DUMP TEST OTHER THAN WHAT IS SPECIFIED PER THE INSTALLATION MANUAL, OR TO SATISFY A STATE OR LOCAL CODE. PERMIT AND TESTING FEES ARE NOT INCLUDED UNLESS NOTED UNDER THE EQUIPMENT SCHEDULE FOR THE FIRE SYSTEM.
 -MORE THAN TWO TRIPS TO THE JOBSITE OR SPECIAL TRANSPORTATION, OR OVERNIGHT LODGING REQUIREMENTS IN REMOTE AREAS. NORMAL TRAVEL DISTANCE IS FIRST 50 MI. (80.5 KM) FROM OFFICE.
 -SPECIAL CLASSES OR ADDITIONAL LABOR FOR ACCESS TO SECURITY SENSITIVE AREAS
 -INSTALLATION OF GAS SHUT-OFF VALVE.
 -SPECIAL DRAWINGS REQUIRED TO SATISFY STATE OR LOCAL CODE. PLAN EXAMINATION FEES, PE OR FS APPROVAL STAMP
 -UNION LABOR, GOVERNMENT LABOR, OR PREVAILING WAGES REQUIRED FOR FINAL FIELD HOOK-UP
 -ANY AND ALL ELECTRICAL COMPONENTS/CONNECTIONS REQUIRED TO SHUT DOWN FANS, SHUT OFF DEVICE FOR ELECTRIC COOKING EQUIPMENT (SHUNT TRIP BREAKER), OR ACTIVATE AN ALARM SYSTEM, ETC.
 -ANY DISMANTLING OR REASSEMBLY REQUIRED TO GAIN ACCESS TO THE FIRE SUPPRESSION PIPING LOCATED ON THE TOP OF THE HOOD.
 -ROUGH-IN HIDDEN CONDUIT FOR REMOTE PULL STATION OR GAS VALVE (FLUSH MOUNTED PULL STATION).
 -INSTALLATION OF MORE THAN (1) REMOTE PULL STATIONS OR DISTANCES GREATER THAN 20 FT (6.1M).
 -PARTS OR LABOR REQUIRED TO CORRECT PIPING DUE TO COOKING EQUIPMENT CHANGES OR DEVIATION FROM PLANS. OR ANY CHARGES FOR MISSING OR ADDITIONAL PARTS OTHER THAN THOSE INDICATED ON THE FIRE SUPPRESSION DETAIL.

NOTE: IF ELECTRIC RELEASE, BOTH UPPER SWITCHES WILL BE USED FOR ACTUATING ADDITIONAL AUTOMANS (THEY WILL BE WIRED TO EACH OTHER AND TO THE BROWN WIRE ON THE ELECTRIC SOLENOID). THEREFORE, USE ONE OF THE UN-UTILIZED LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL (DO NOT USE EITHER OF THE UPPER SWITCHES).
 IF USING LOWER SWITCHES TO WIRE BACK TO CONTROL PANEL, NORMALLY-CLOSED WILL BE BLACK LEAD, AND NORMALLY-OPEN WILL BE BROWN LEAD.

DPDT SWITCHES PROVIDED BY MANUFACTURER MAY BE WIRED PER TYPICAL EXAMPLES SHOWN. VERIFY WITH LOCAL CODES AND EQUIPMENT SUPPLIED AS THE CONNECTION NEEDED FOR YOUR INSTALLATION.

CONNECTION TO BUILDINGS ALARM

CONNECTION TO KC (PCB) CONTROL PANEL

NOTES:
 1. --- DENOTES FIELD INSTALLATION.
 2. ——— DENOTES FACTORY INSTALLATION.

PROJECT: 3/17/2025

MARK: 11 FIRE SUPPRESSION

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11 FIRE SUPPRESSION