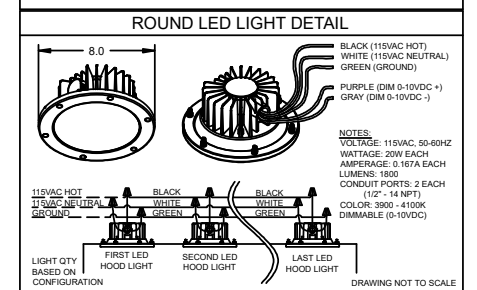
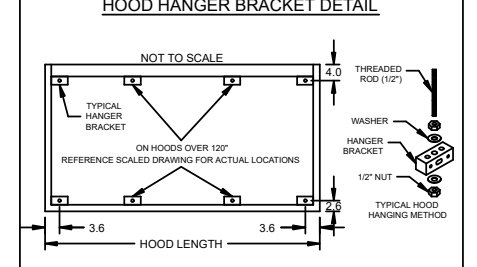
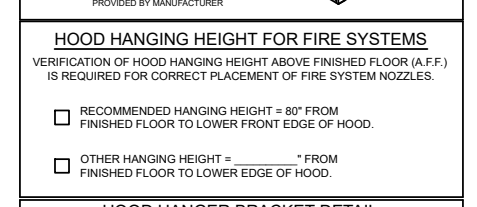
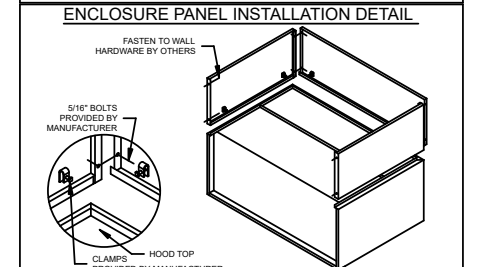
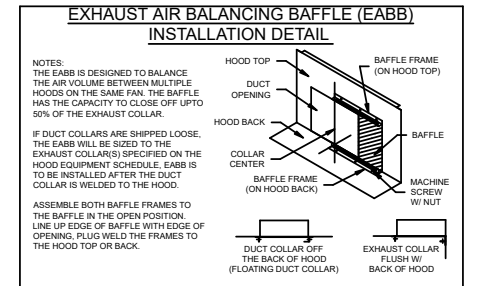
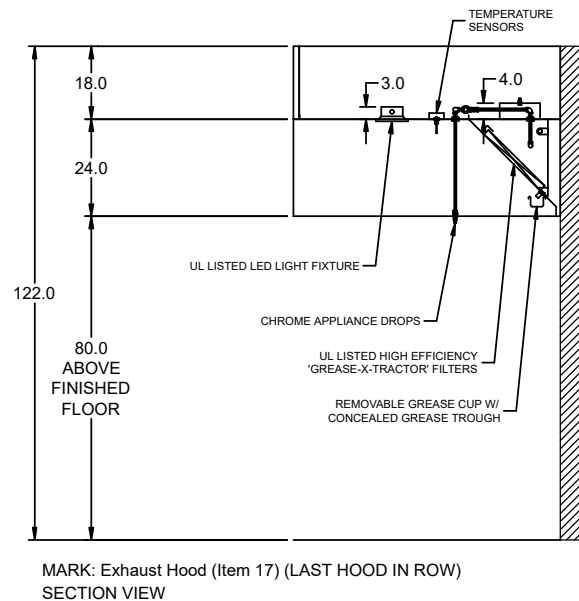
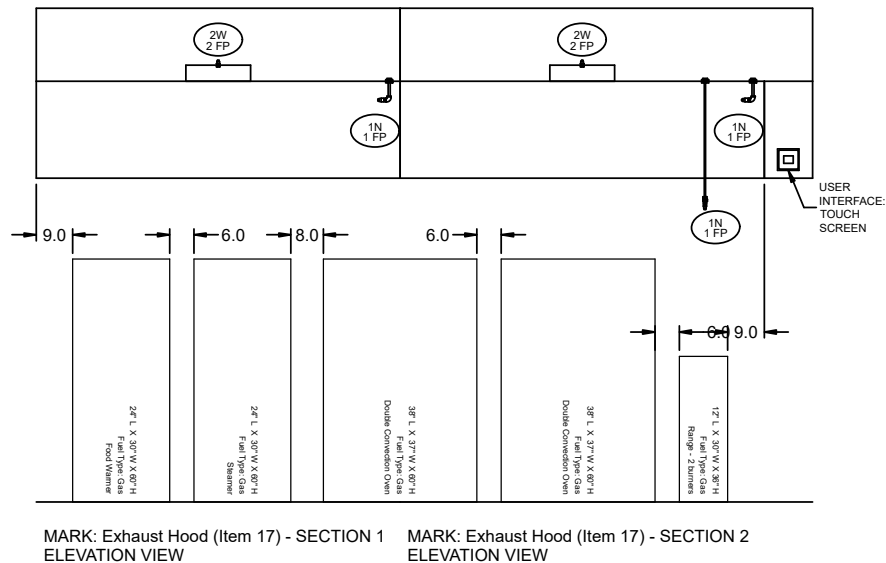
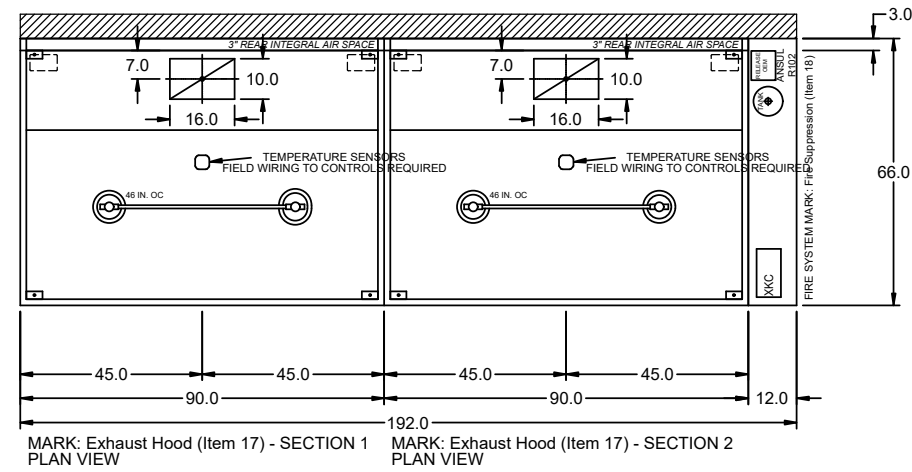


HOOD INFORMATION																	
HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	TOTAL CFM	EXHAUST COLLAR(S)					SUPPLY		TOTAL WEIGHT LBS.	SECTION LOCATION
			LENGTH	WIDTH	HEIGHT				WIDTH	LENGTH	DIA.	CFM	S.P.	MUA CFM	AC CFM		
1	EXHAUST HOOD (ITEM 17)	XXEW-90-S	90	66	24	300 SS 100%	HEAVY	1700	10	16		1700	0.633			283.757	LEFT
2	EXHAUST HOOD (ITEM 17)	XXEW-90-S	90	66	24	300 SS 100%	HEAVY	1700	10	16		1700	0.633			283.757	RIGHT

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	EXHAUST HOOD (ITEM 17)	ROUND LED	2	66.11	X-TRACTOR STAINLESS STEEL	3	16 20								TOUCHSCREEN
2	EXHAUST HOOD (ITEM 17)	ROUND LED	2	66.11	X-TRACTOR STAINLESS STEEL	2	20 20	RIGHT	ANSUL R102	3	XKC				

HOOD OPTIONS		SPECIAL DESIGN REQUESTS	
UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625 BACK INTEGRAL AIR SPACE - 3 IN WIDE 18 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED FACTORY MOUNTED EXHAUST COLLAR(S) EXHAUST AIR BALANCING BAFFLE(S) - (EABB) FILTER REMOVAL TOOL INCLUDED - QTY 1 PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH		SDR #Q9999999 - VERIFY TAB	



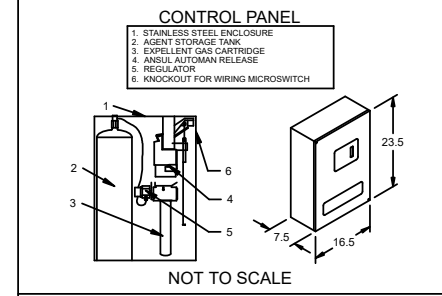
FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
			HOODS	PCU			
FIRE SUPPRESSION (ITEM 18)	ANSUL R-102 WET CHEMICAL	CABINET – RIGHT END OF EXHAUST HOOD (ITEM 17)	7 UTILIZED 11 AVAILABLE		CONTINUOUS	FUSIBLE LINK	EXHAUST HOOD (ITEM 17) SECTION 1 EXHAUST HOOD (ITEM 17) SECTION 2

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 - MECHANICAL SHUTOFF VALVE, 2", (ANSUL) - PART# ANSULMECHSHUTOFFVALVE200
 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 FS5C



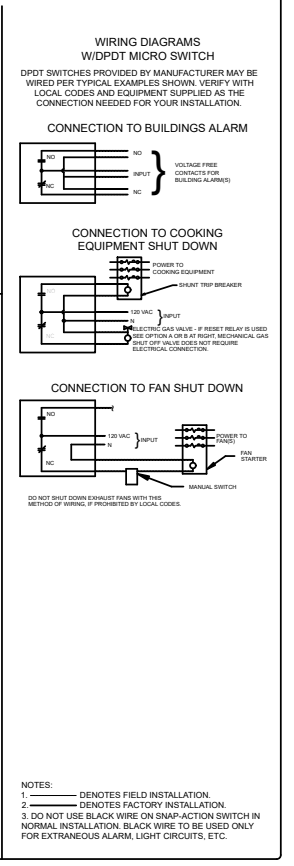
NOT TO SCALE

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.



ACCUREX

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SALEM ELEMENTARY SCHOOL
 R1

PROJECT
 7/17/2023

MARK
 FIRE SUPPRESSION (ITEM 18)

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
CONTROLS	XKC-CV-SB-21-2-1-0	RIGHT CABINET ON EXHAUST HOOD (ITEM 17)	FULL COLOR TOUCHSCREEN	CABINET - RIGHT CABINET ON EXHAUST HOOD (ITEM 17)	1	EXHAUST	E1	EXHAUST FAN 1	1	1700	1	208	60	3	YES	NO
					2	EXHAUST	E2	EXHAUST FAN 2	1	1700	1	208	60	3	YES	NO
					3	SUPPLY	S1	MAU	1	3400	3	208	60	3	NO	NO

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

SPECIAL DESIGN REQUESTS
 SDR #Q9999999 - VERIFY FAN INFORMATION



DOC NUMBER: --- REV: ---

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

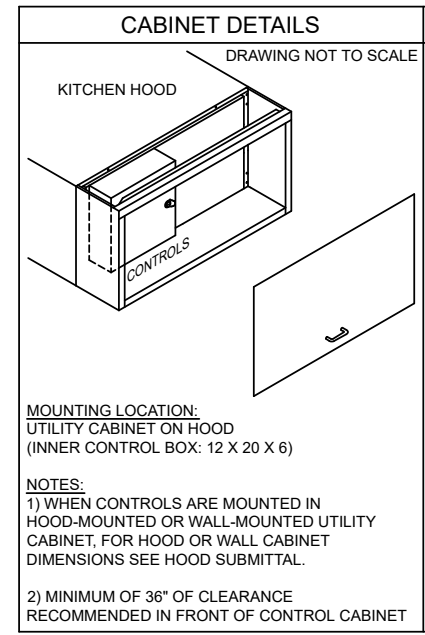
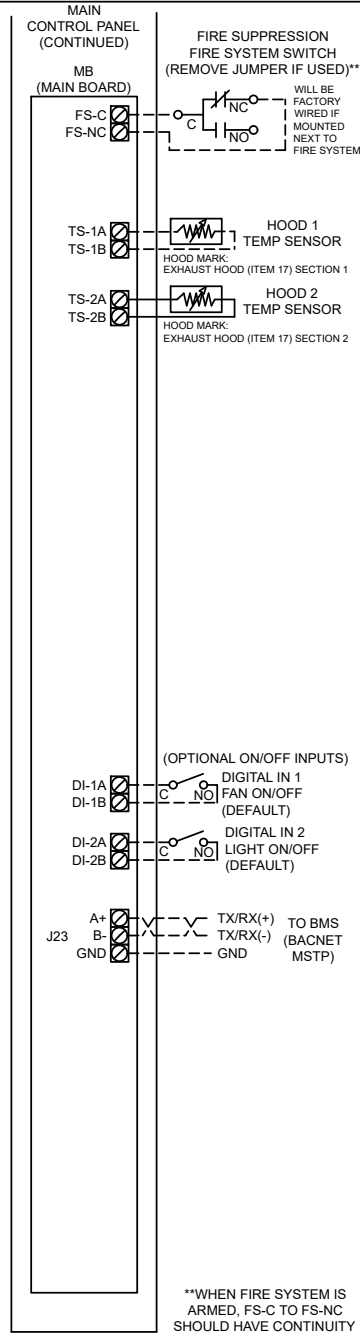
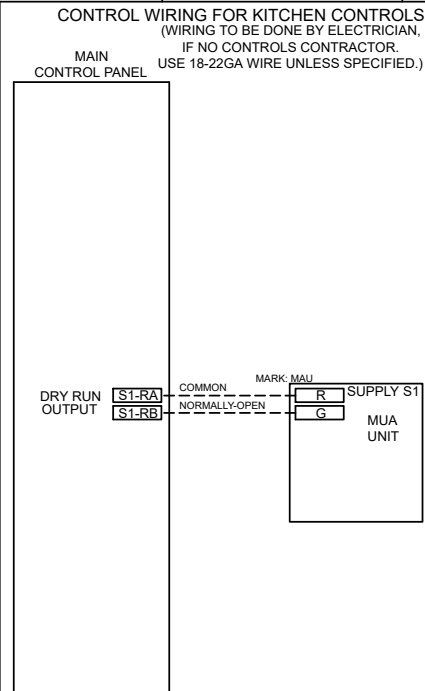
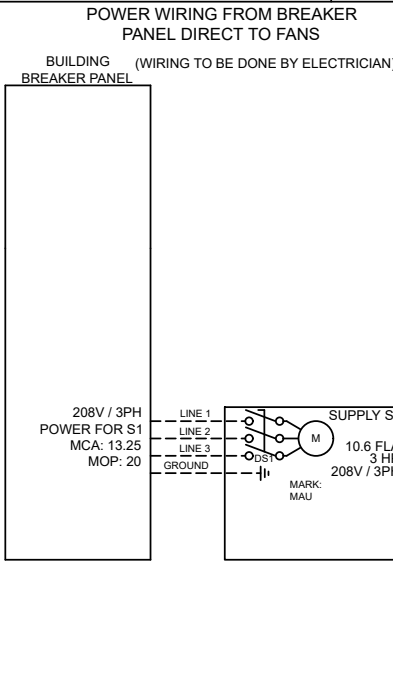
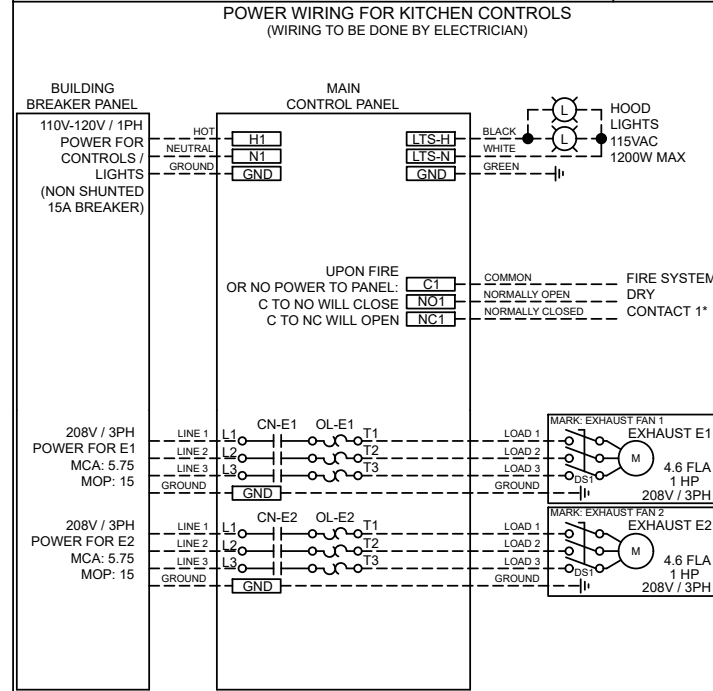
ATTENTION
 L'APPAREIL DOIT ÊTRE MIS À LA TERRE CONFORMÉMENT AU CODE C.E. L'ALIMENTATION DOIT ÊTRE COUPÉE DURANT L'ENTRETIEN.

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

PRG VERSION: V4
 FIELD WIRED (CÂBLÉ À L'USINE)
 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: SALEM ELEMENTARY SCHOOL R1
 MODEL: XKC-CV-SB-21-2-1-0
 SERIAL NUMBER: WDSN#
 MARK: CONTROLS



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: SALEM ELEMENTARY SCHOOL R1
 MODEL: XKC-CV-SB-21-2-1-0
 SERIAL NUMBER: WDSN#
 MARK: CONTROLS
 DOC NUMBER: --- REV: ---

DEFAULT SETTINGS / PARAMÈTRES PAR DÉFAUT

TYPE: CV
 CONFIGURATION: STANDARD

HOOD CONFIGURATION

HOOD #	HOOD	HOOD MARK	ZONE	EXHAUST	SUPPLY	MB-TEMP SENSORS	HCB
1	H1	EXHAUST HOOD (ITEM 17) SECTION 1	Z1	E1	S1	TS1	NO
2	H2	EXHAUST HOOD (ITEM 17) SECTION 2	Z1	E2	S1	TS2	NO

ZONE CONFIGURATION

ZONE #	ZONE	ROOM TEMP
1	Z1	PRESET

PARAMÈTRES PAR DÉFAUT

HOODS: 2
 SUMPS: 0
 EXHAUST FANS: 2
 SUPPLY FANS: 1
 MB ROOM SENSOR: NO
 MB TEMP SENSORS: 2
 HIGH TEMP FAULT: NO
 FREEZE PROTECTION: YES
 GAS RESET: NO
 FAN PROVING: NO
 BMS: BACNET MSTP

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
 BAUD RATE: 9600
 MAC ADDRESS: 0
 MAX MASTER: 127
 MAX INFO FRAMES: 20

PRG VERSION: V4

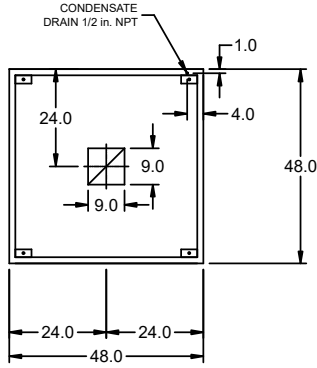
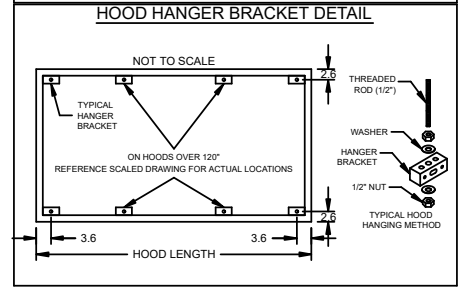
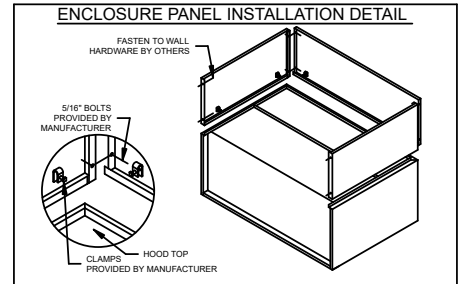
FAN CONFIGURATION

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	EXHAUST FAN 1	Z1	-	1700	NO	-	-	-	-	10.0
2	EXHAUST	E2	EXHAUST FAN 2	Z1	-	1700	NO	-	-	-	-	10.0
3	SUPPLY	S1	MAU	Z1	-	3400	NO	-	-	-	-	10.0

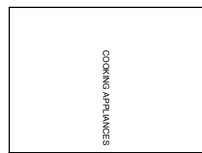
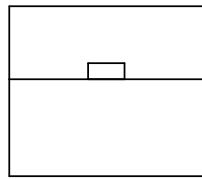
HOOD INFORMATION																
HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	EXHAUST COLLAR(S)					SUPPLY		TOTAL WEIGHT LBS.	SECTION LOCATION
			LENGTH	WIDTH	HEIGHT			TOTAL CFM	WIDTH	LENGTH	DIA.	CFM	S.P.	MUA CFM		
1	CONDENSATE HOOD (ITEM 45)	XD1-48-S	48.0	48	24	300 SS 100%	600	9	9		600	0.137			97	SINGLE

HOOD INFORMATION																
HOOD NO.	MARK	LIGHTING DETAILS			BAFFLE 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					
1	CONDENSATE HOOD (ITEM 45)								TYPE	SIZE	MODEL	INTERFACE				

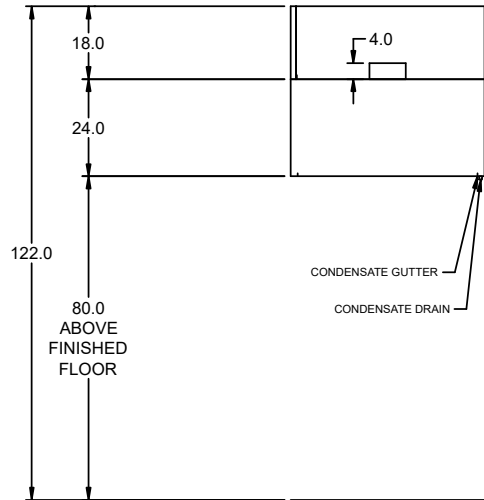
HOOD OPTIONS
 18 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED
 FACTORY MOUNTED EXHAUST COLLAR(S)



MARK: Condensate Hood (Item 45) - SECTION 1
 PLAN VIEW



MARK: Condensate Hood (Item 45) - SECTION 1
 ELEVATION VIEW



MARK: Condensate Hood (Item 45)
 SECTION VIEW