

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	GRIDDLE HOOD	XGEP-64-S	64	TOP 23 BOT 8	FRT 12 BACK 36	430 SS WHERE EXPOSED	MEDIUM	1500	12	12		1500	1.918			137	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 TYPE	SIZE	MODEL	CONTROLS INTERFACE				
1	GRIDDLE HOOD					GREASE GRABBER STAINLESS STEEL	4	16									
							0	20	16								

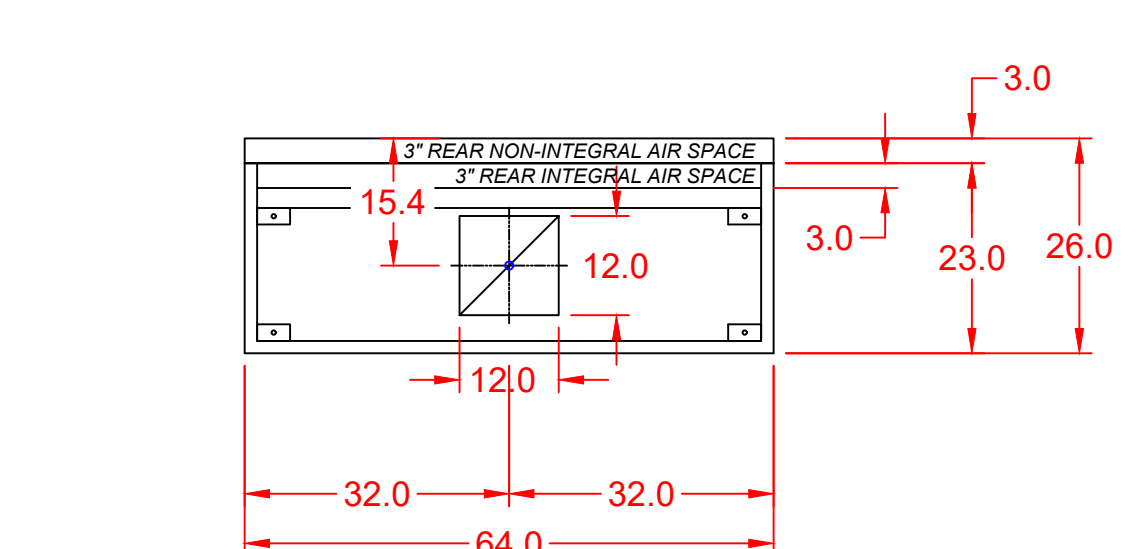
HOOD OPTIONS														
UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625										SPECIAL DESIGN REQUESTS				
BACK NON-INTEGRAL AIR SPACE - 3 IN WIDE										SDR #K1100145 - FLUE BYPASS HOOD				
26 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED										SDR #K1800144 - CULVERS 4VAT 2FIRE PROCESS - GRIDDLE HOOD				
FACTORY MOUNTED EXHAUST COLLAR(S)														
PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY														
STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH														

Direct Drive Upblast Centrifugal Roof Exhaust Fan

MARK INFORMATION			FAN INFORMATION					MOTOR INFORMATION						
QTY	MARK	MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	SIZE (HP)	V/C/P	ENCLOSURE	MOTOR RPM	WINDINGS	NEC FLA*	
1	PRV-2 Griddle Fan	XCUE-140-VG	1,500	1.8	1,702	0.83	92	1	115/60/1	OP	1725	1	16	

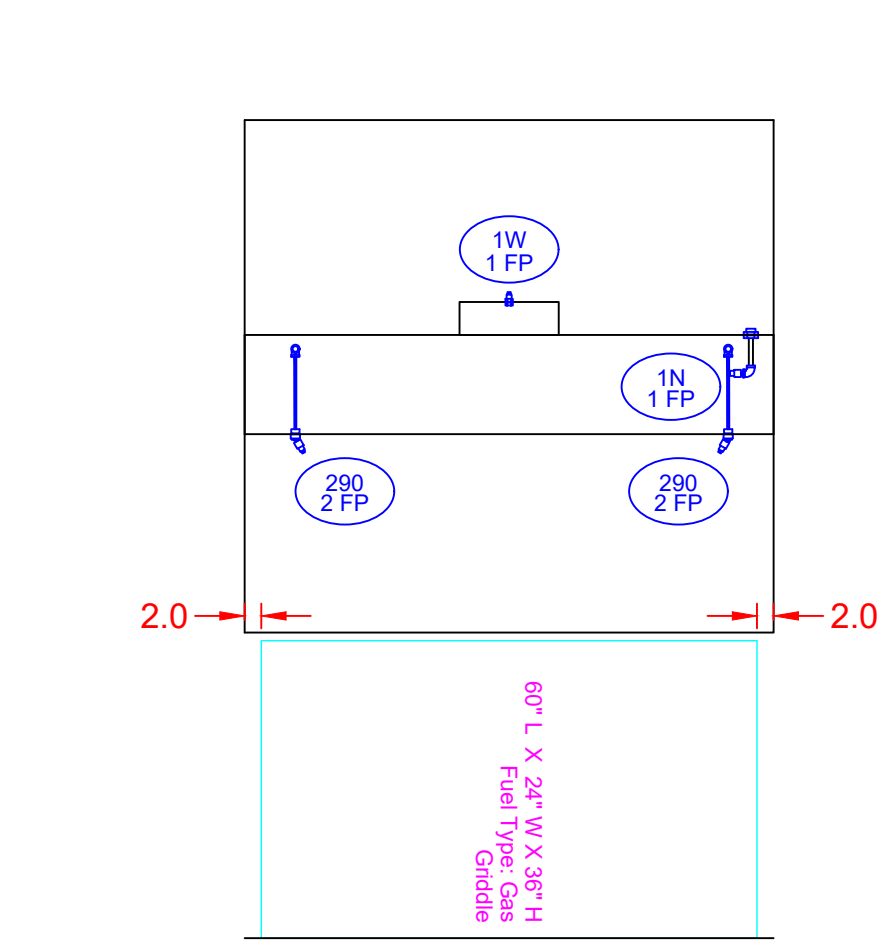
\*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory\*

PRV-2 Griddle Fan : SELECTED OPTIONS AND ACCESSORIES														
One piece fully welded windband														
Tapered bushing wheel hub														
Breather tube outlet area min. 4.4 sq. in. (sizes 99-480), 2.0 sq. in. (sizes 60-95)														
Min. windband material thickness: 0.051" aluminum (060-240), 0.064" aluminum (240HP, 240XP), 0.080" aluminum (sizes 300-480)														
Larger Curb Cap Size - 26 Square														
UL/cUL 705 Listed - Supplement SC - "Power Ventilators for Restaurant Exh. Appliances" (Formerly UL 762)														
Switch, NEMA-3R, Toggle,														
Hinge, Factory Installed														
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)														
Grease Trap (PN 475538)														
Clean-out Port - Factory Installed														
Conduit Chase Qty 1														

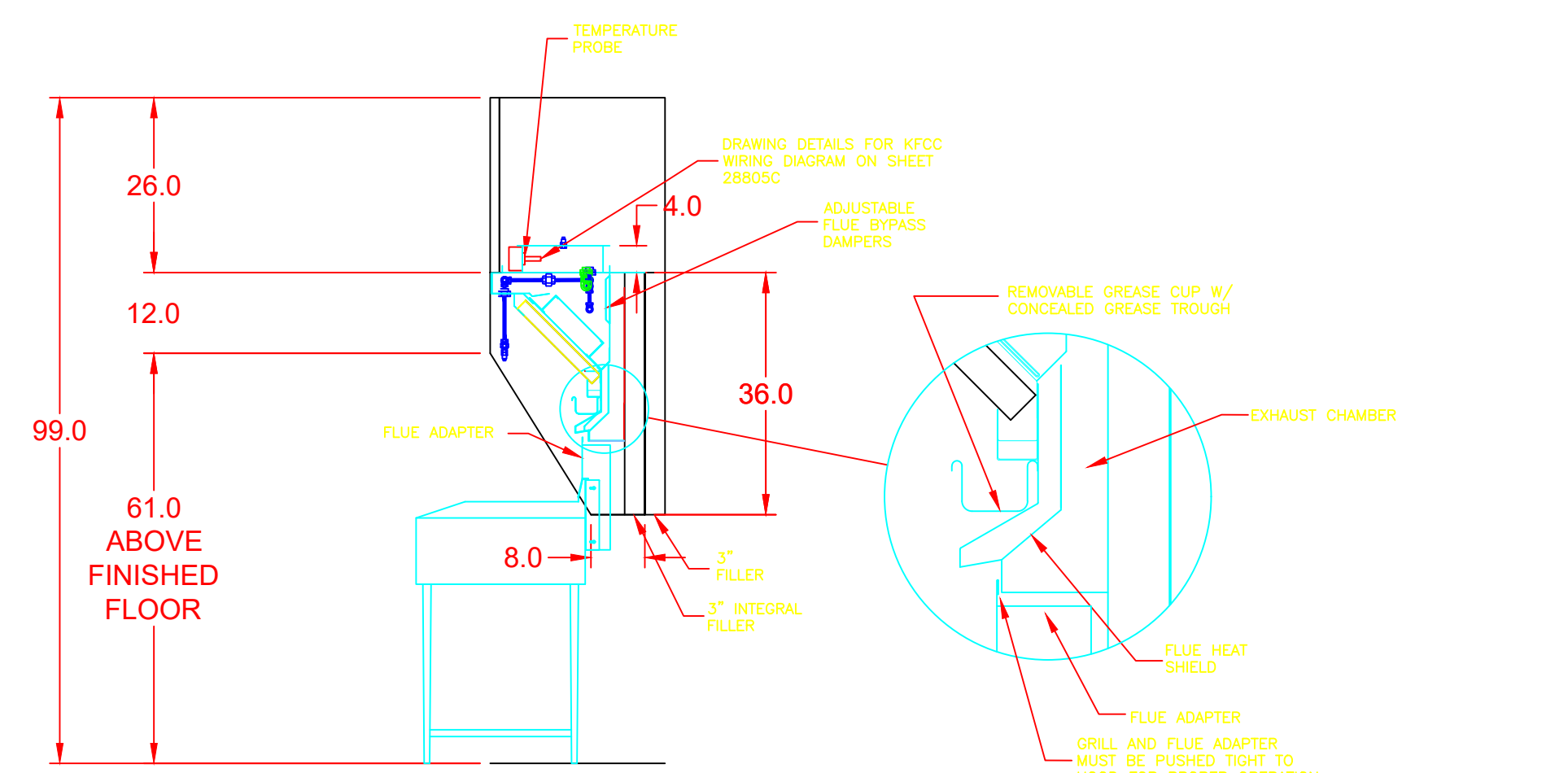


MARK: Griddle Hood - SECTION 1 PLAN VIEW

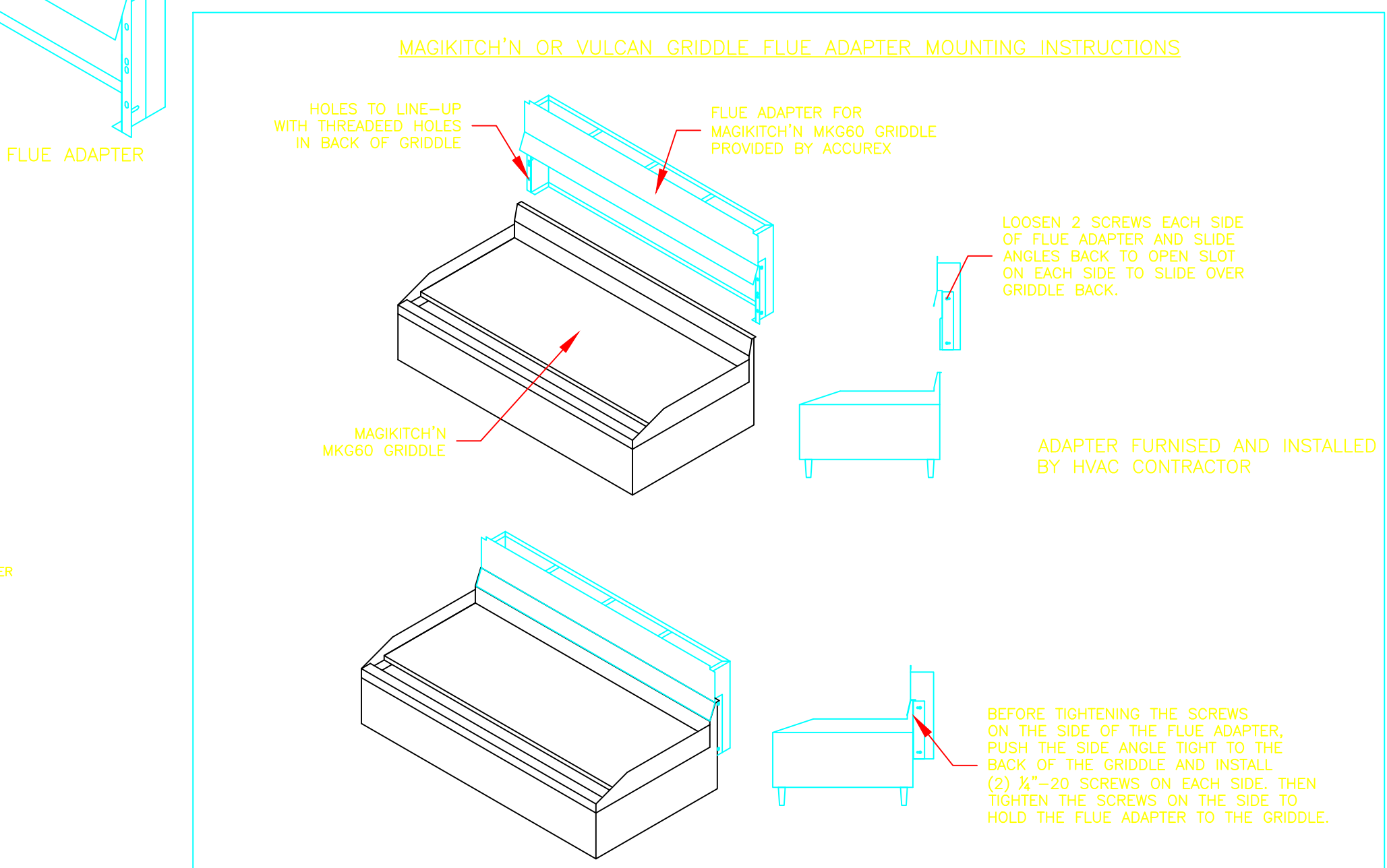
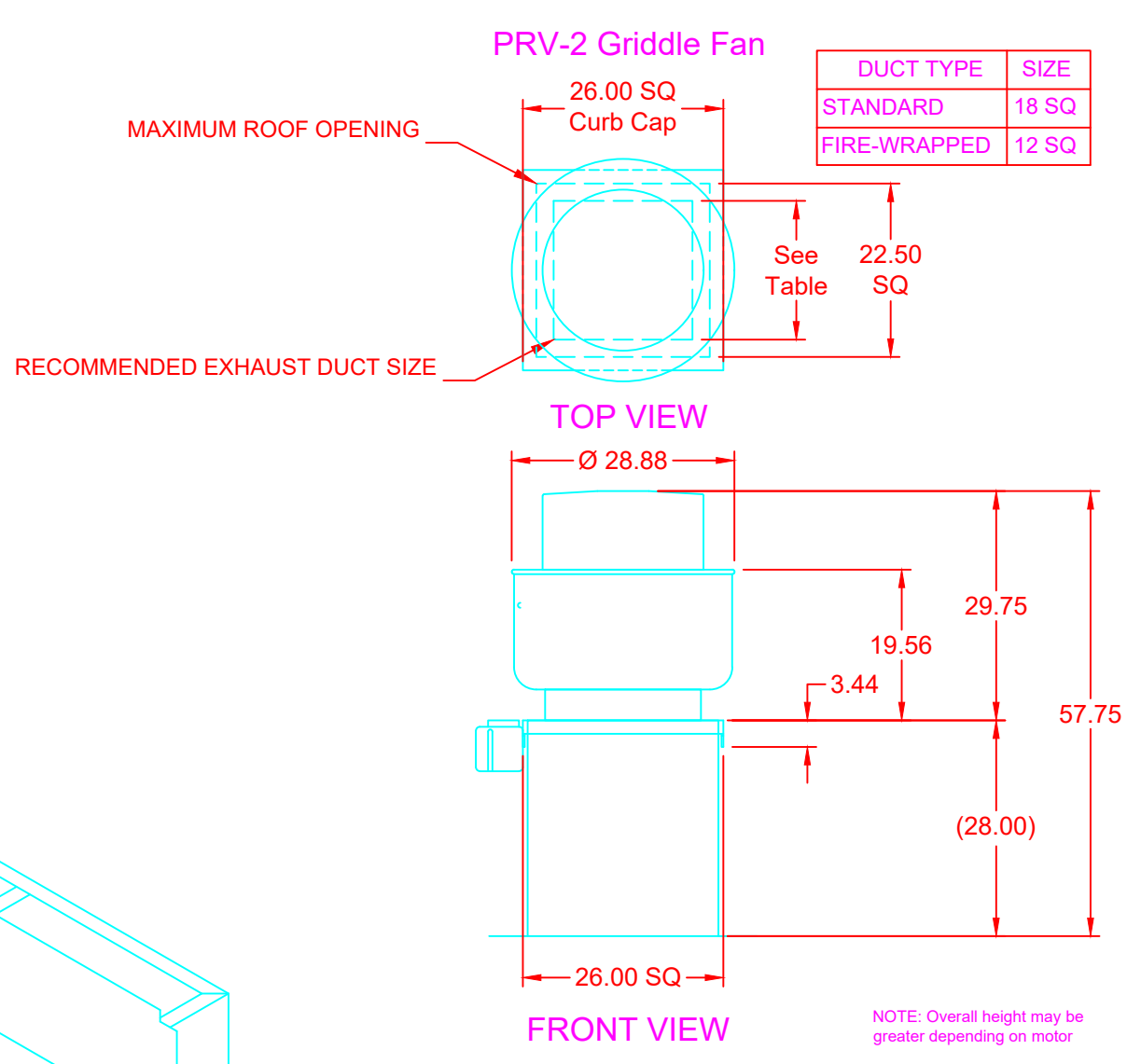
MUST USE WITH MAGIKITCH'N MODEL MKG-C-60 OR VULCAN MODEL VIG60-R3



SECTION 1 ELEVATION VIEW

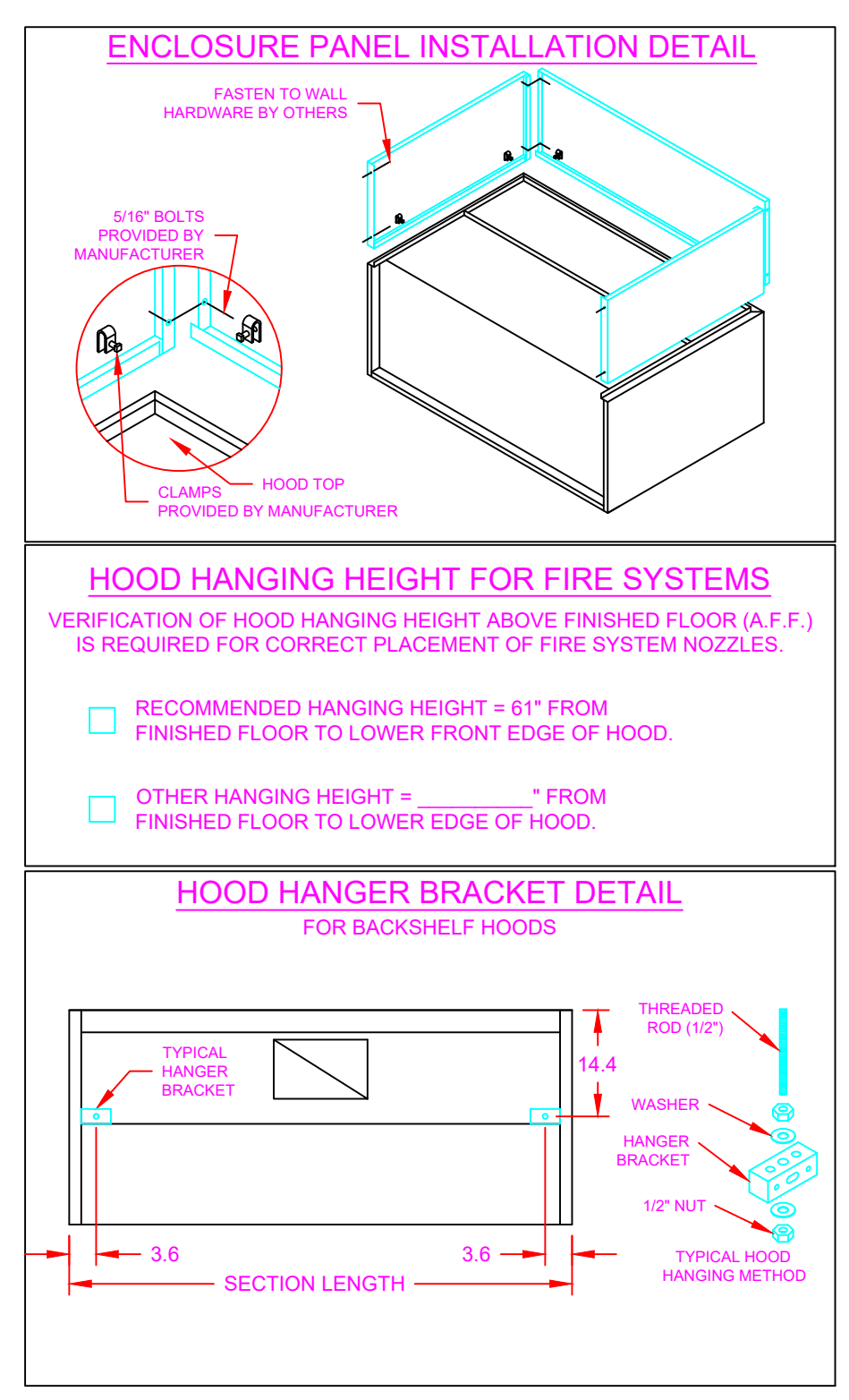
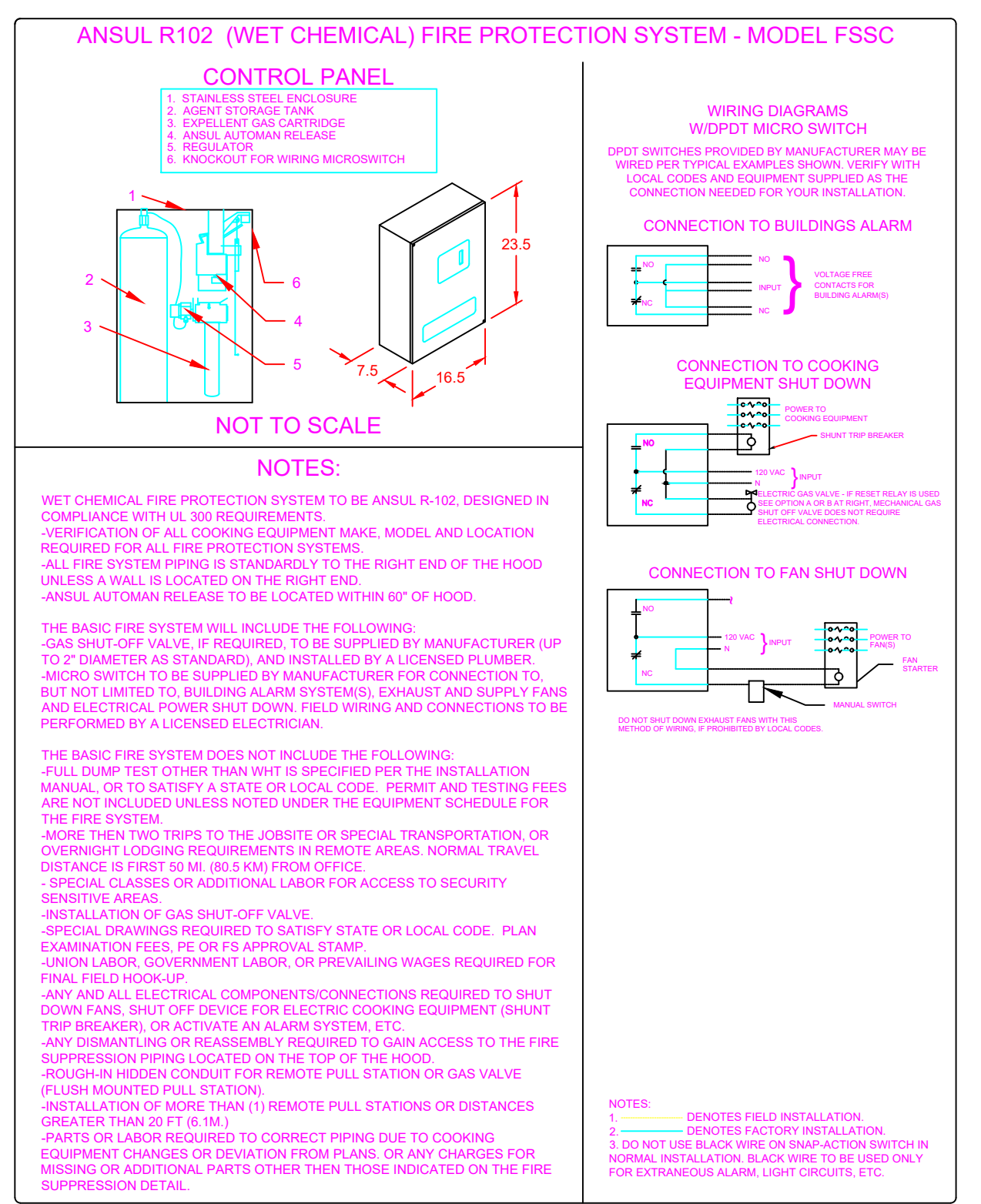


MARK: Griddle Hood SECTION VIEW



FIRE SYSTEM INFORMATION									
MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM		
			HOODS	PCU			GRIDDLE HOOD SECTION 1		
FIRE SUPPRESSION-GRIDDLE HOOD	ANSUL R-102 WET CHEMICAL	REMOTE MOUNTED	6 UTILIZED	11 AVAILABLE	CONTINUOUS	FUSIBLE LINK			

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  
 HOOD SUPPRESSION AGENT - INCLUDED - 3 GAL. - [(1) 3.0 TANK(S)]  
 REMOTE PULL STATION - STANDARD - INSTALLATION AT SINGLE POINT OF EGRESS



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	FRYER HOOD	XXEP-83-S	83	TOP 23 BOT 3	FRT 12 BACK 36	430 SS WHERE EXPOSED	MEDIUM	1500	12	12		1500	0.518			169	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 TYPE	SIZE	MODEL	CONTROLS INTERFACE
1	FRYER HOOD					X-TRACTOR (SPARK ARRESTOR INCL.) STAINLESS STEEL	5	16	16				
							0	20	16				

HOOD OPTIONS													
UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625							SPECIAL DESIGN REQUESTS						
BACK NON-INTEGRAL AIR SPACE - 3 IN WIDE							SDR #K1100559 - NEW PITCO 4L FRYER FLUE BYPASS SYSTEM						
26 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED							SDR #K1700974 - CULVERS 4VAT 2FIRE PROCESS - FRYER HOOD						
FACTORY MOUNTED EXHAUST COLLAR(S)							SDR #K2000140 - IF FRYMASTER FRYER FLUE BYPASS						
PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY													
STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH													

**Direct Drive Upblast Centrifugal Roof Exhaust Fan**

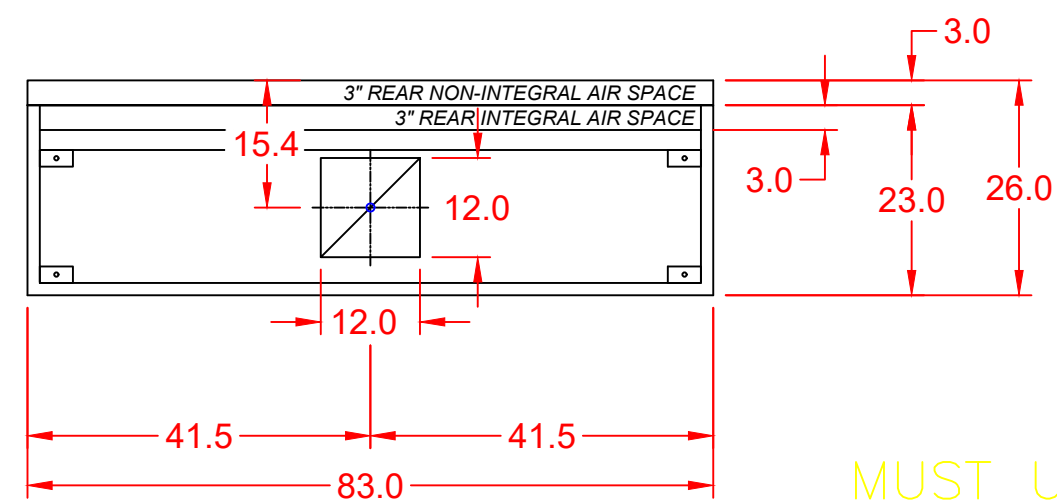
MARK INFORMATION				FAN INFORMATION					MOTOR INFORMATION					
QTY	MARK	MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	SIZE (HP)	VIC/P	ENCLOSURE	MOTOR RPM	WINDINGS	NEC FLA*	
1	PRV-3 Fryer Fan	XCUE-140-VG	1,500	1	1,349	0.46	92	1	115/60/1	OP	1725	1	16	

\*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory\*

**PRV-3 Fryer Fan : SELECTED OPTIONS AND ACCESSORIES**

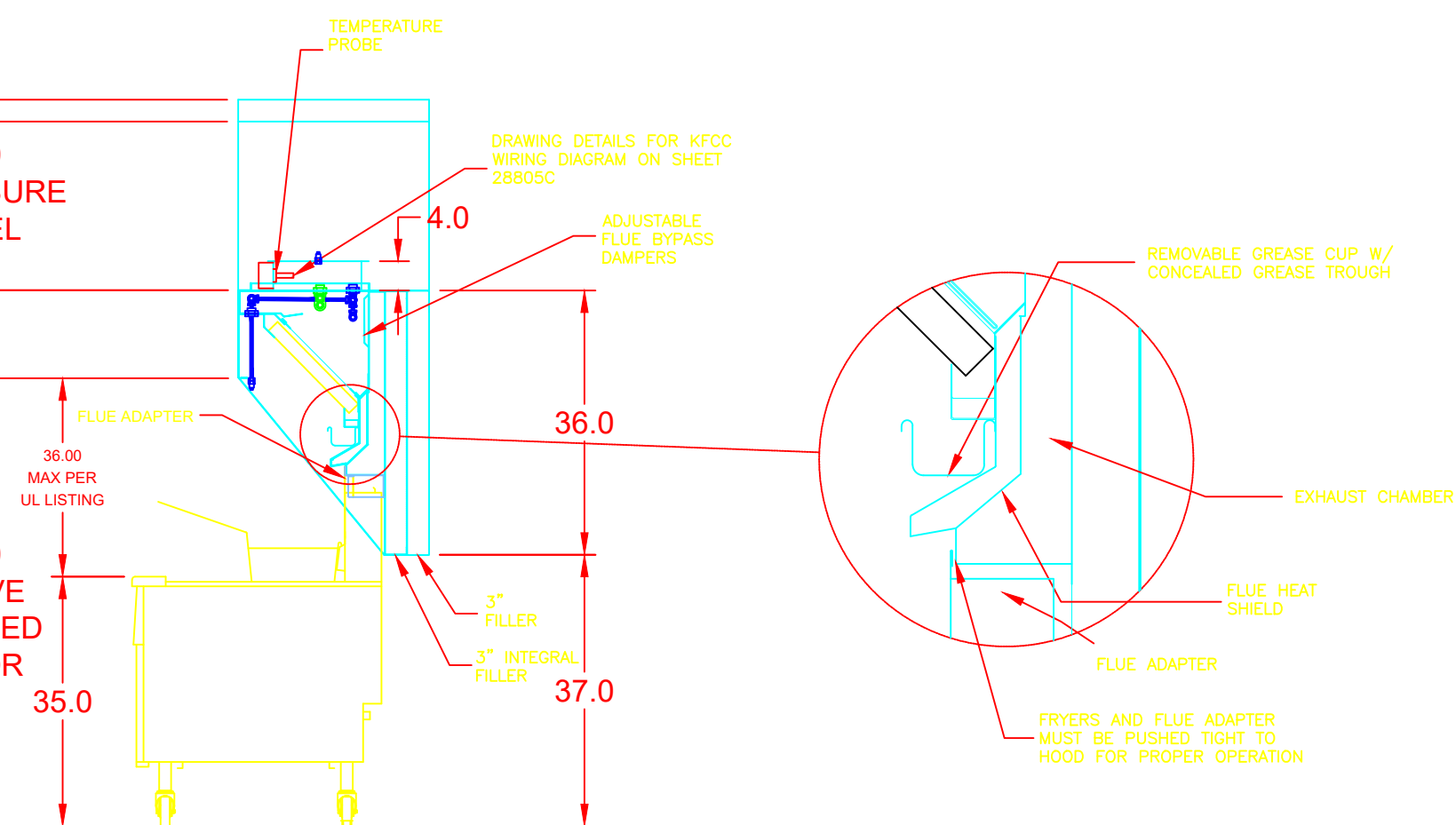
One piece fully welded windband  
Tapered bushing wheel hub  
Breather tube outlet area min. 4.4 sq. in. (sizes 99-480), 2.0 sq. in. (sizes 60-95)  
Min. windband material thickness: 0.051" aluminum (060-240), 0.064" aluminum (240HP, 240XP), 0.080" aluminum (sizes 300-480)  
Larger Curb Cap Size - 26 Square  
UL/cUL 705 Listed - Supplement SC - "Power Ventilators for Restaurant Exh. Appliances" (Formerly UL 762)  
Switch, NEMA-3R, Toggle  
Hinge, Factory Installed  
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)  
Grease Trap (PN 475538)  
Clean-out Port - Factory Installed  
Conduit Chase Qty 1

FOOD SERVICE EQUIPMENT #59



MARK: Fryer Hood PLAN VIEW

MUST USE WITH PITCO MODEL CU-SSH60W/WR 4VAT FRYER IF FRYMASTER MODEL 41814GF-CFS IS BEING USED, NOTIFY ACCUREX REP



MARK: ITEM #59 SECTION VIEW

FIRE SYSTEM INFORMATION									
MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM		
			HOODS	PCU					
FIRE SUPPRESSION-FRYER HOOD	ANSUL R-102 WET CHEMICAL	REMOTE MOUNTED	18 UTILIZED	22 AVAILABLE	CONTINUOUS	FUSIBLE LINK	FRYER 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  
PRE-TEST - INCLUDED

HOOD SUPPRESSION AGENT - INCLUDED - 6 GAL. - [(2) 3.0 TANK(S)]  
REMOTE PULL STATION - STANDARD - INSTALLATION AT SINGLE POINT OF EGRESS

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

**CONTROL PANEL**

- STAINLESS STEEL ENCLOSURE
- AGENT STORAGE TANK
- EXPELLANT GAS CARTRIDGE
- ANULS AUTOMAN RELEASE
- REGULATOR
- HOOKOUT FOR WIRING MICROSWITCH

**NOT TO SCALE**

**WIRING DIAGRAMS**  
WIREPOINT MICRO SWITCH  
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 BUILDING ALARM**

**CONNECTION TO COOKING EQUIPMENT SHUT DOWN**

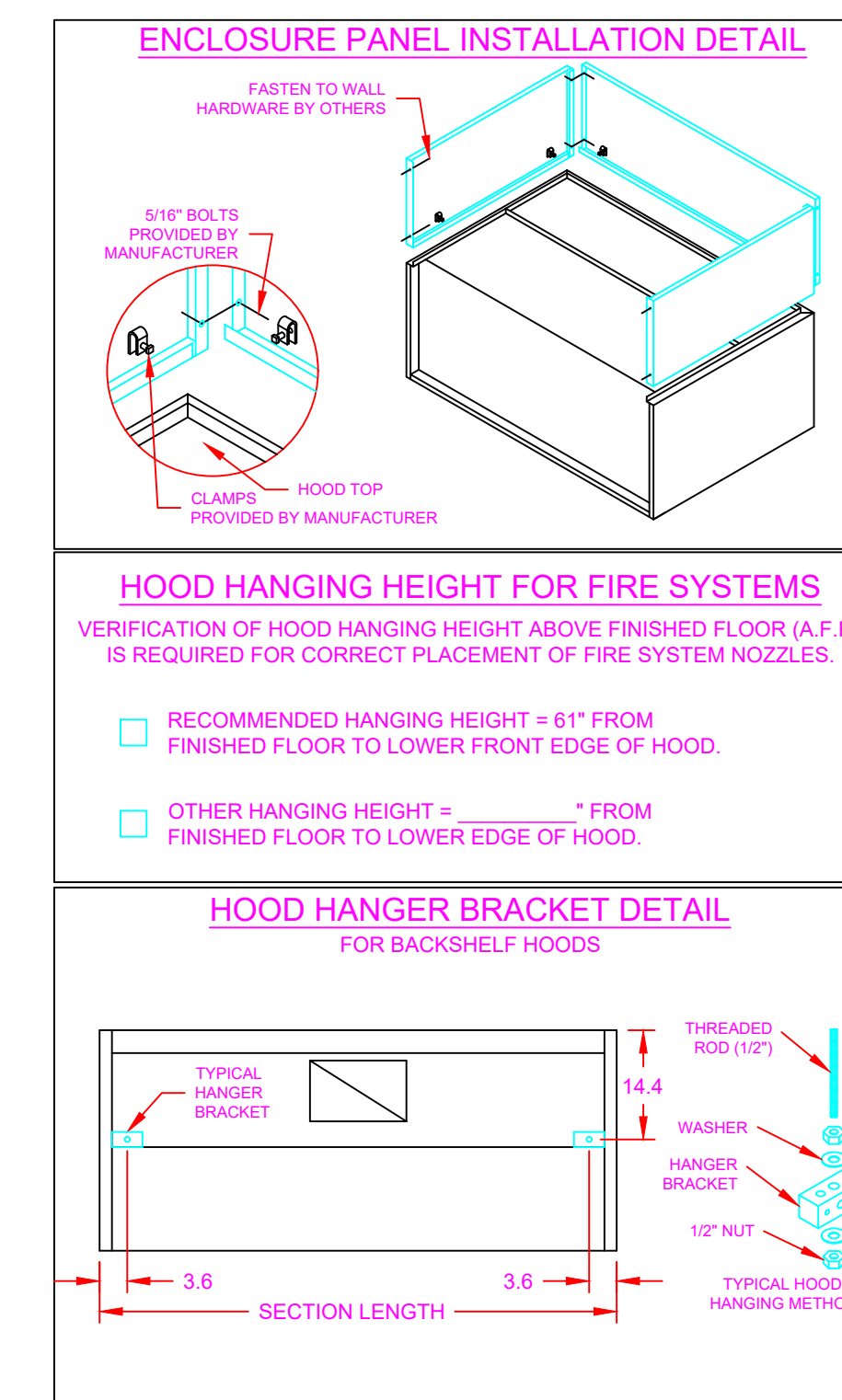
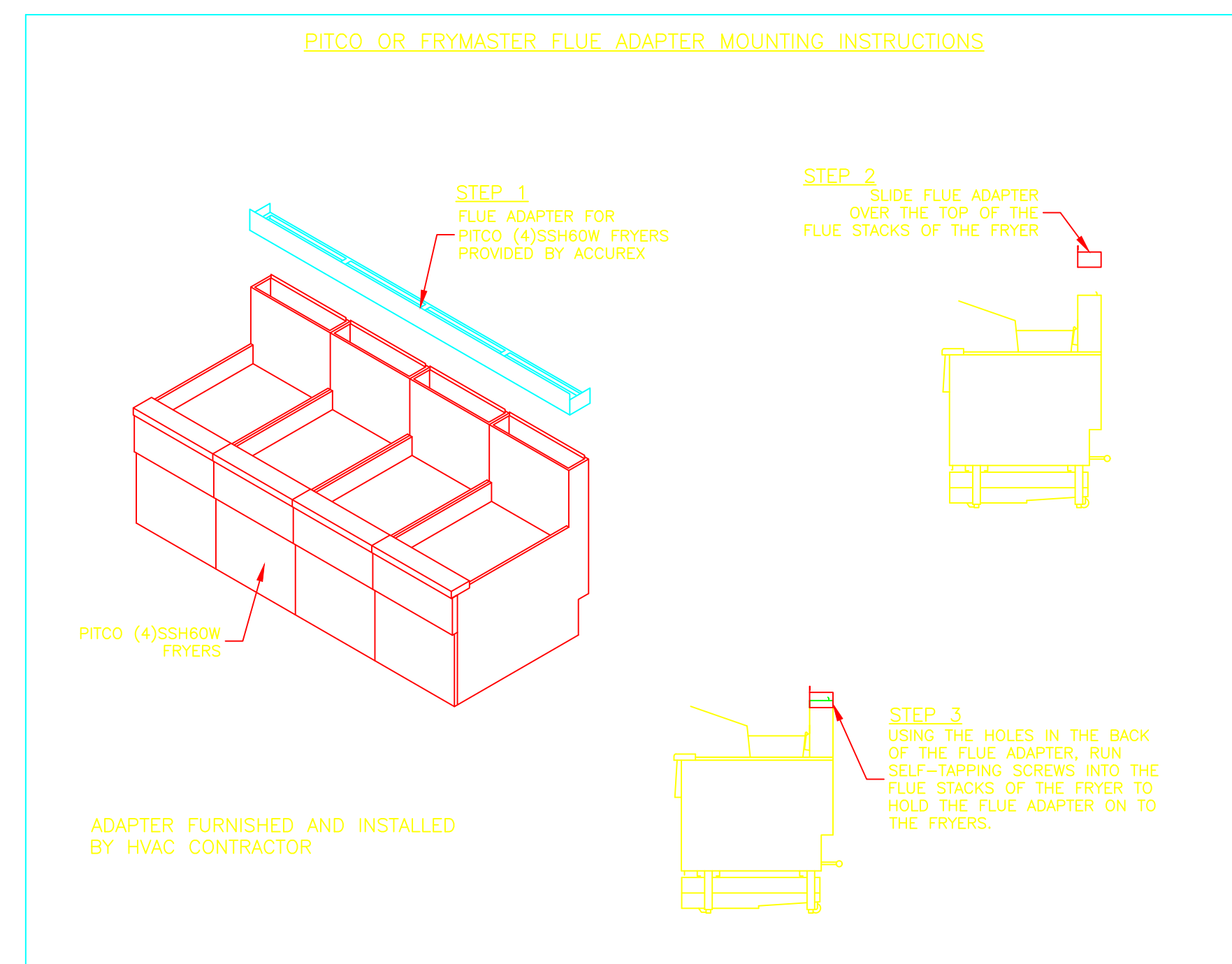
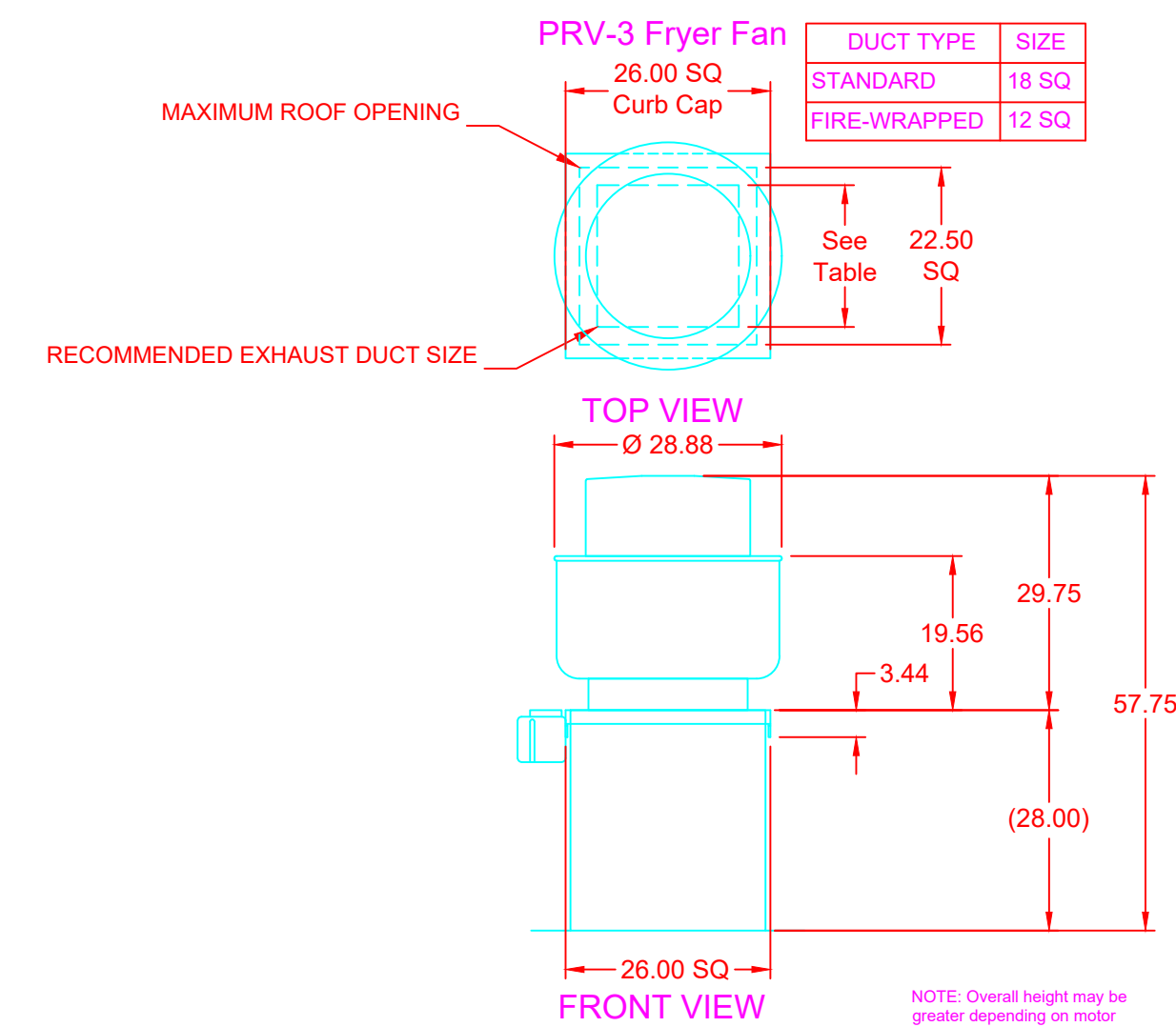
**CONNECTION TO FAN SHUT DOWN**

**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 STANDARD TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END.  
-ANSUL AUTOMAN RELEASE TO BE LOCATED WITHIN 80" 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.  
-MCRD SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEMS, 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 LOGGING REQUIREMENTS IN REMOTE AREAS. NORMAL TRAVEL DISTANCE IS FIRST 50 MI. (80.5 KM) FROM OFFICE.  
-SPECIAL GLASSES 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 HOOKUP.  
-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.



**Direct Drive Centrifugal Roof Exhaust Fan**

MARK INFORMATION		FAN INFORMATION						MOTOR INFORMATION					
QTY	MARK	MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	SIZE (HP)	V/C/P	ENCLOSURE	MOTOR RPM	WINDINGS	NEC FLA*
1	PRV-1 Restroom	XRED-090-VG	375	0.5	1,466	0.06	31	0.1	115/60/1	TN	1725	1	NA

\*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory"

PRV-1 Restroom : SELECTED OPTIONS AND ACCESSORIES						PRV-4 Condensate Fan : SELECTED OPTIONS AND ACCESSORIES					
Standard Curb Cap Size - 17 Square UL/cUL 705 Listed - "Power Ventilators" Switch, NEMA-1, Toggle, Shipped with Unit Damper Shipped Loose, BD-100-PB-10X10, Gravity Operated, Not Coated, Nominal Size Birdscreen: Galvanized, nom. 84% Free Area Composite Wheel Material						Standard Curb Cap Size - 17 Square UL/cUL 705 Listed - "Power Ventilators" Switch, NEMA-1, Toggle, Shipped with Unit Damper Shipped Loose, BD-100-PB-10X10, Gravity Operated, Not Coated, Nominal Size Birdscreen: Galvanized, nom. 84% Free Area Composite Wheel Material					

**Ceiling Exhaust Fan**

MARK INFORMATION		FAN INFORMATION						MOTOR INFORMATION					
QTY	MARK	MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	SIZE (HP)	V/C/P	ENCLOSURE	MOTOR RPM	WINDINGS	
2	EF-1A	XCR-B80	75	0.125	881	0.01	10	0	115/60/1	OP	900	1	

EF-1A : SELECTED OPTIONS AND ACCESSORIES
UL/cUL 507 Listed - Electric Fan Solid State Speed Control, 6 Amp, Mounted and Wired Internally Round Hooded Wall Cap, (PN: WC-6) Shipped Loose Round Duct Connection Adjustable easy installation mounting bracket Standard Grille Polypropylene Wheel Material Can Be Used to Comply with: ASHRAE 62.2 and Washington State Energy Code

**CONTROL INFORMATION**

MARK	ELECTRICAL CONTROL PACKAGE		USER INTERFACE	
	MODEL	LOCATION	TYPE	LOCATION
CONTROLS	XKC-CV-S-22-2-1-0	SHIP LOOSE ENCLOSURE	FULL COLOR TOUCHSCREEN	SHIP LOOSE

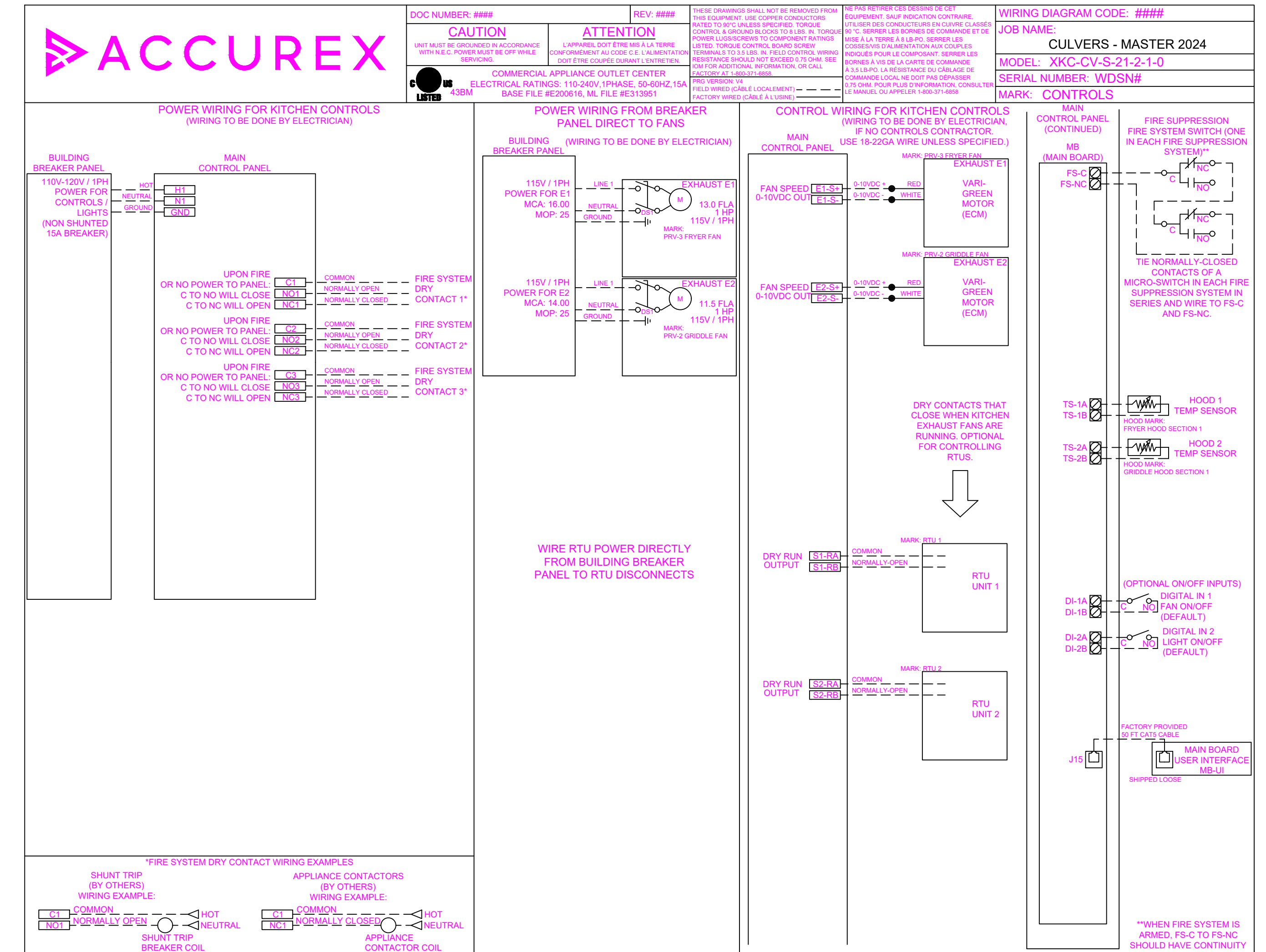
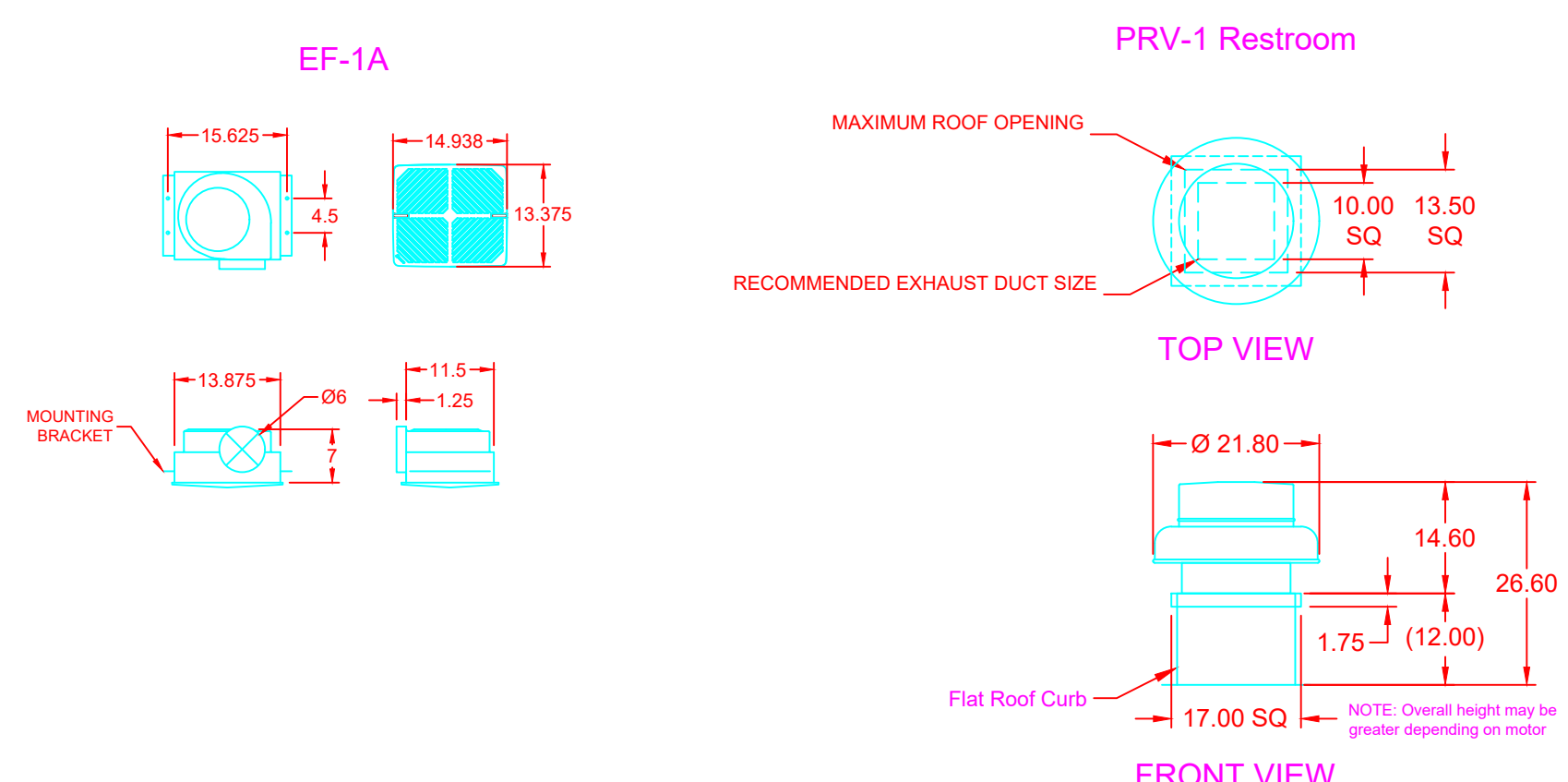
FANS CONTROLLED											
FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
1	SUPPLY	S1	RTU-1	1	1500	1	208	60	3	NO	NO
2	SUPPLY	S2	RTU-2	2	1500	1	208	60	3	NO	NO
3	EXHAUST	E1	PRV-2 GRIDDLE FAN	2	1500	1	115	60	1	NO	NO
4	EXHAUST	E2	PRV-3 FRYER FAN	1	1500	1	115	60	1	NO	NO

**CONTROL FEATURES**

TEMP SENSORS (FACTORY INSTALLED) - QTY. 2  
 DRY FIRE CONTACTS - QTY. 2  
 EXHAUST MAX DURING FIRE  
 SUPPLY OFF DURING FIRE

**SPECIAL DESIGN REQUESTS**

SDR #K2000462 - CULVERS CONTROL PANEL - EXTRA SET OF FIRE CONTACTS - REVISE WIRING DIAGRAMS



PROJECT 1/25/2024  
 ACCUREX - WI, IA  
 PHILLIP KRAFT  
 PHILLIP.KRAFT@ACCUREX.COM  
 262-227-7865  
 CULVERS LINO LAKES, MN (NC)  
 ITEM 25 CONDENSATE HOOD  
 PRV-1 RESTROOM  
 EF-1A  
 CONTROLS  
 UL  
 NSF  
 IAPMO  
 EFCO  
 LISTED

