

KITCHEN SOCIAL
9340 MONTGOMERY ROAD
MONTGOMERY, OH 45242

REVISIONS:
2023.02.08-FIXED FSE-3.2 PAGE AND ADDED BAR ELEVATIONS & ACCURATE HOOD SYMBOLS SHOWN.
2023.03.23-ADDED WALK-IN DWGS
2023.03.03-NEW BASE-DISH AREA REVISED BAR PER NEW BASE.
2023.03.06-REVISIONS PER ABBOT MARK UP
2023.03.07-CLEAN UP OF SET PER REVIEW. REMOVED BEER COOLER WALK-IN DWG (FSE-8.2).
2023.03.10-CHG'D D4, R2,R3, D4 NOW A GAS FIRED UNIT. NEW HOOD DRAWINGS (REV.2-DISH HOOD EXHAUST COLLAR CHANGE).
2023.03.24- REV 1: BUILDING COMMENTS

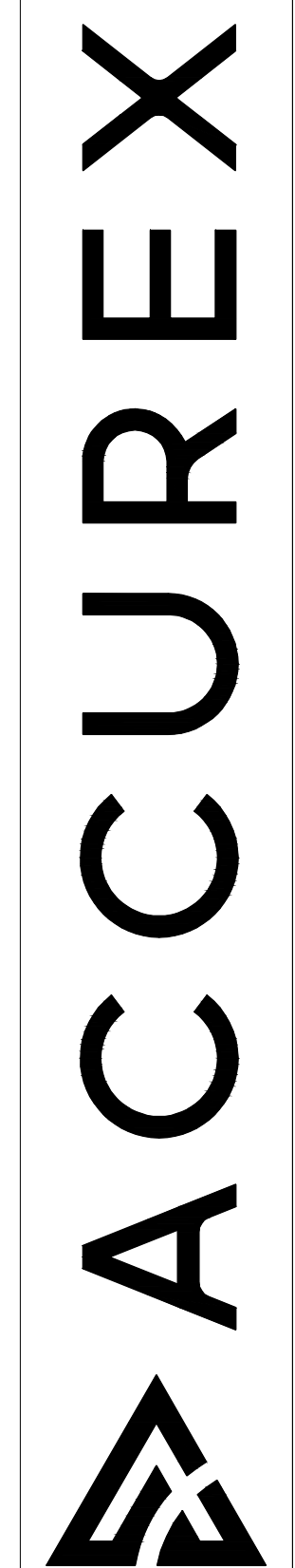
FOR REFERENCE ONLY

CONTACT: FRANK THOMPSON
SCALE: 0 6" 1' 2'
PROJECT: KITCHEN SOCIAL MONTGOMERY
DRAWN BY: S. KNAPP
DATE: 2023-03-24

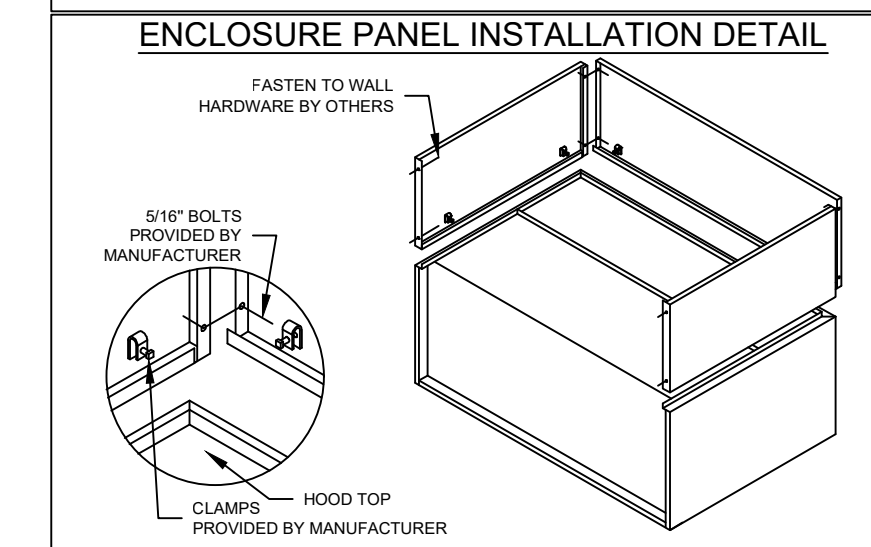
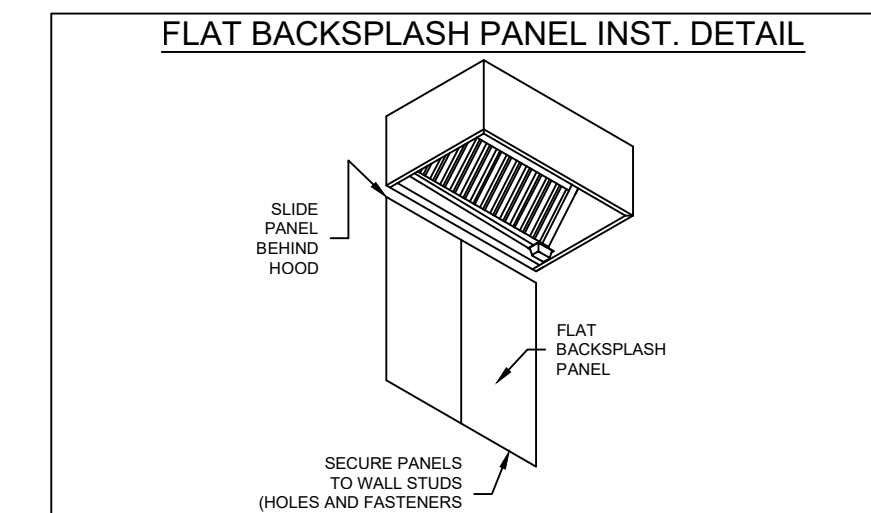
HOOD 1

FSE-7.1

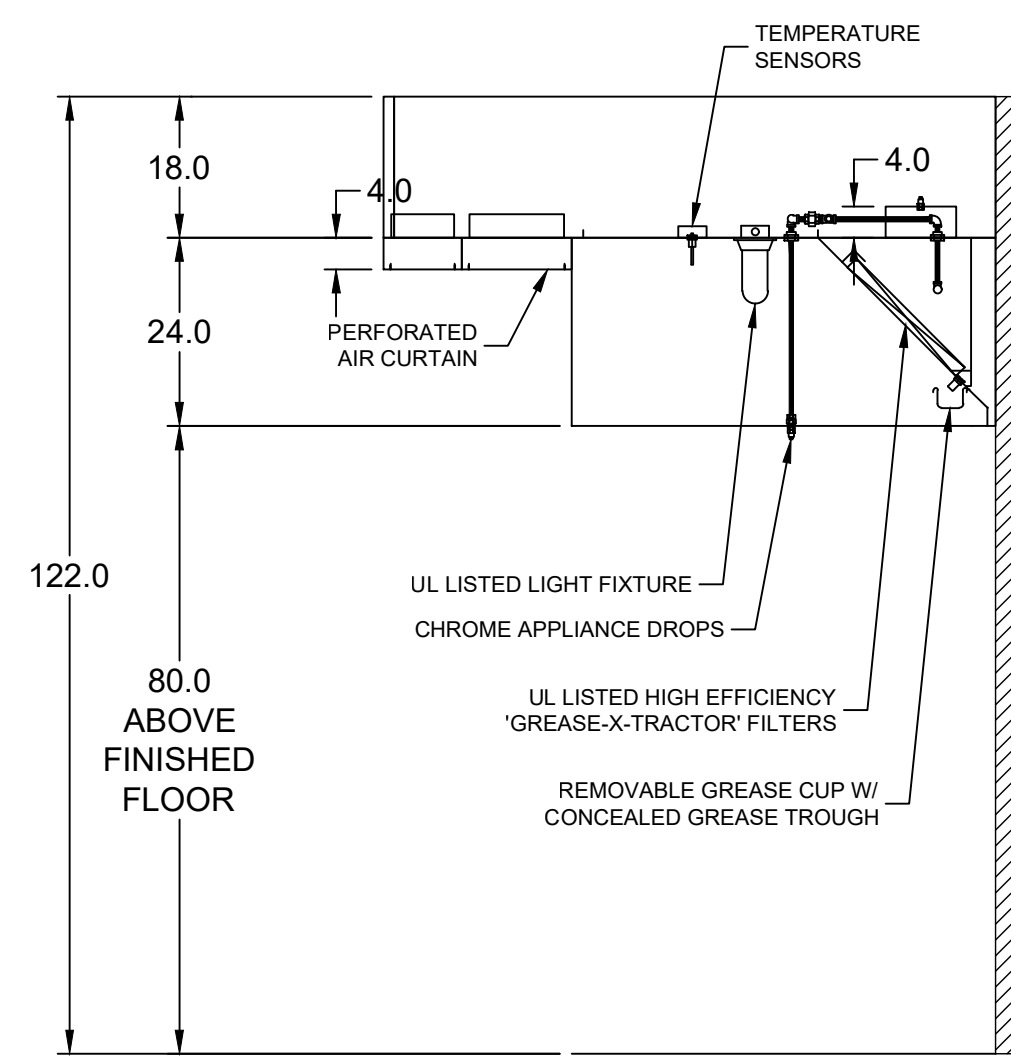
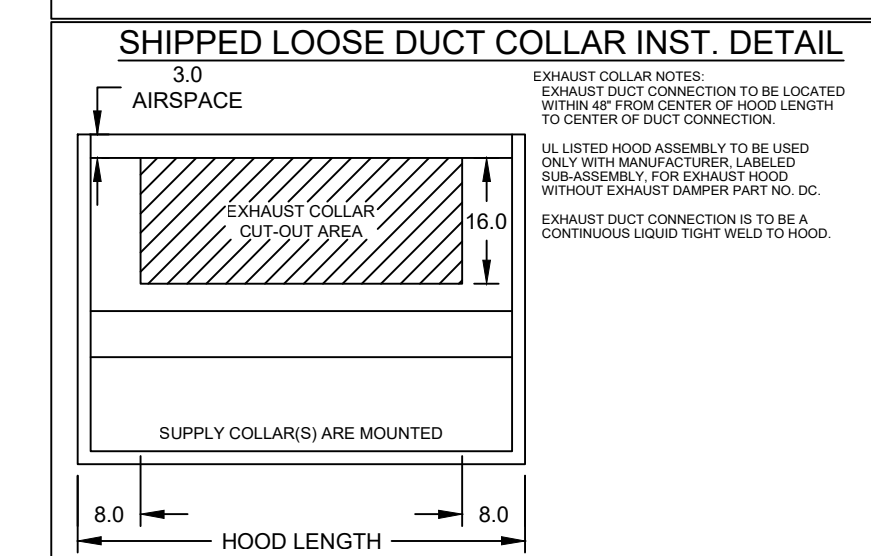
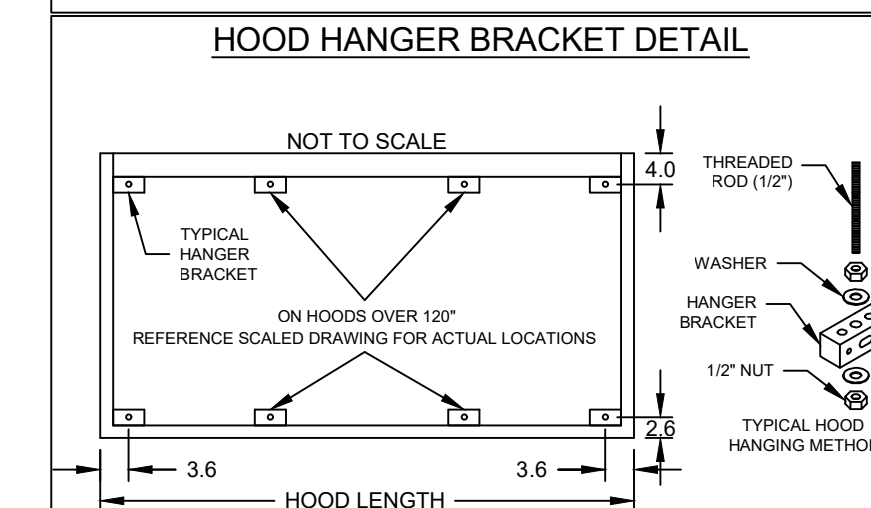
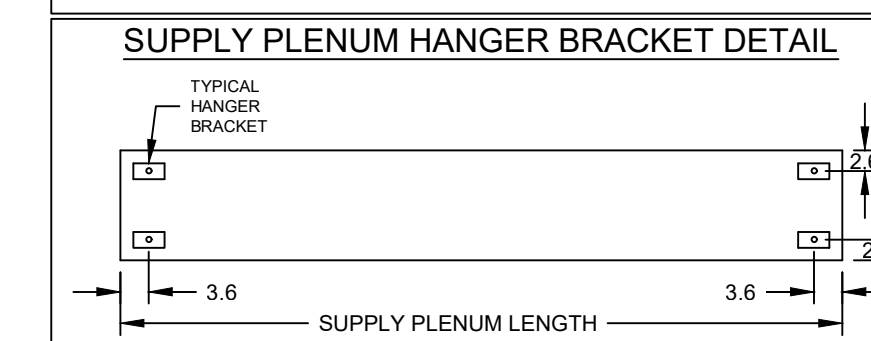
PROJECT: 3/9/2023
MARK: KITCHEN SOCIAL - MONTGOMERY, OH R2
KH-1 COOKLINE
ACCUREX WESTERN PA WV
MIKE PARSLEY
MIKE.PARSLEY@ACCUREX.COM
(614)378-4350



HOOD OPTIONS
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
CONTINUOUS CAPTURE
SHIPPED LOOSE EXHAUST COLLAR(S)
BACKSPLASH 120.00 IN HIGH 368.00 IN LONG
PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH



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.

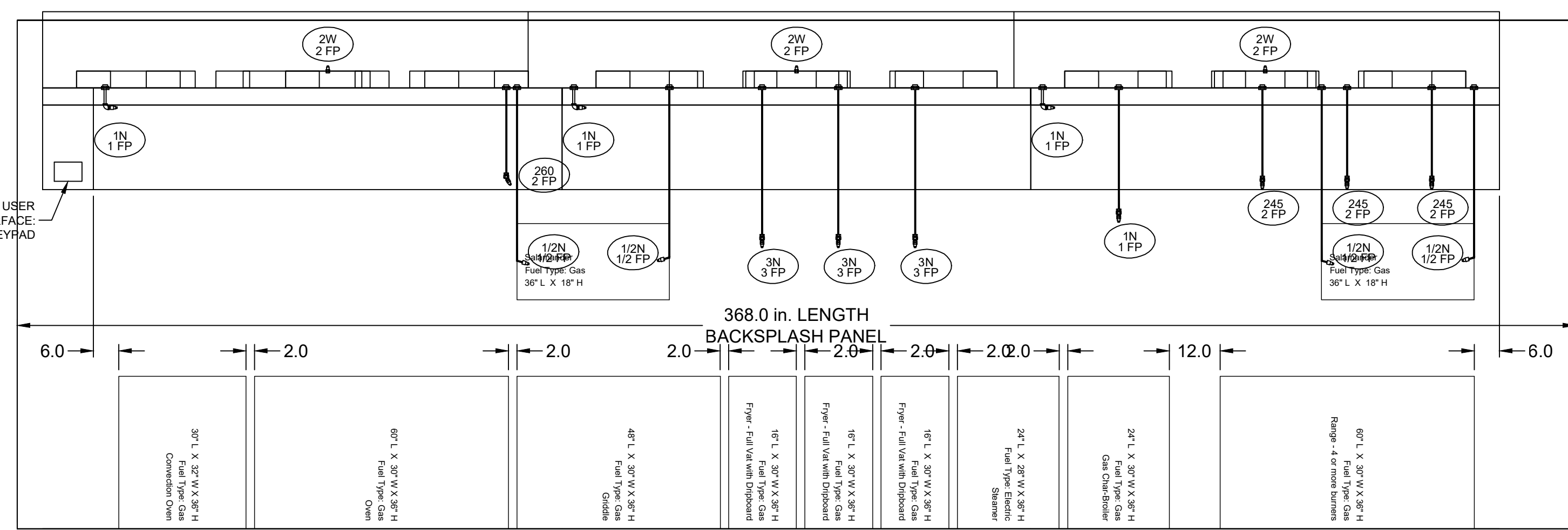
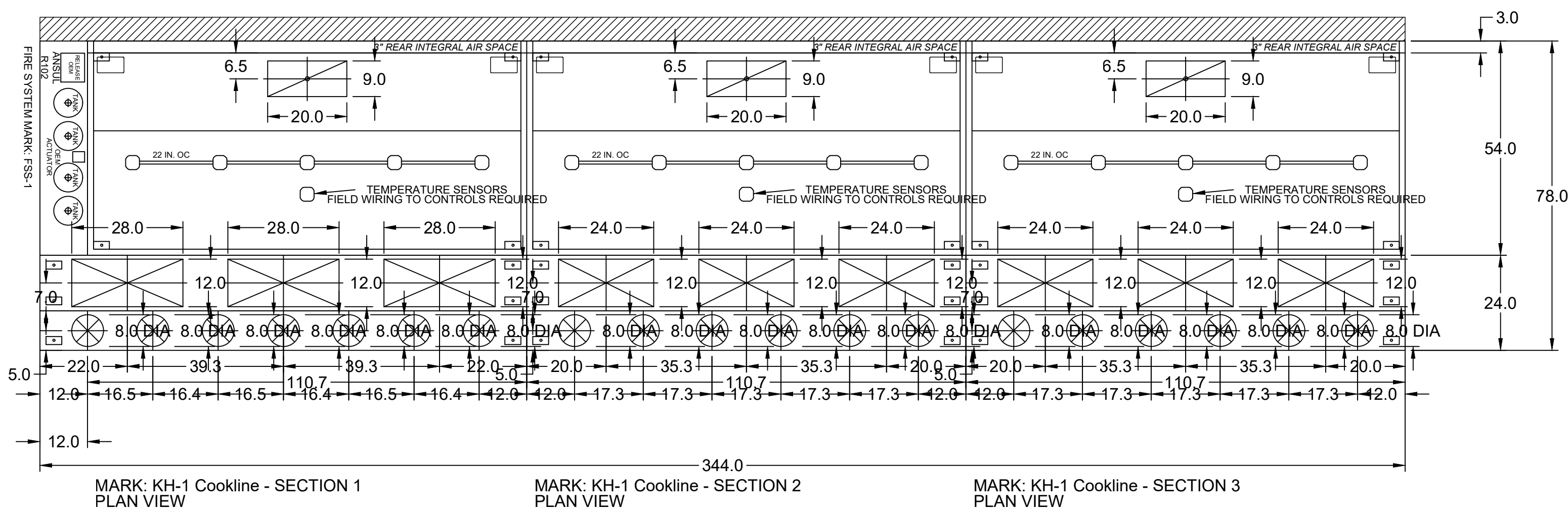


MARK: KH-1 Cookline (LAST HOOD IN ROW) SECTION VIEW

HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	HEAVY	TOTAL CFM	EXHAUST					SUPPLY		TOTAL WEIGHT LBS.	SECTION LOCATION
			LENGTH	WIDTH	HEIGHT					COLLAR(S)					MUA CFM	AC CFM		
										WIDTH	LENGTH	DIA.	CFM	S.P.				
1	KH-1 COOKLINE	XXEW-110.67-S	110.67	54	24	430 SS WHERE EXPOSED	HEAVY	2075	9	20		2075	0.608	1776	650	301 05	LEFT	
2	KH-1 COOKLINE	XXEW-110.67-S	110.67	54	24	430 SS WHERE EXPOSED	HEAVY	2075	9	20		2075	0.608	1602	550	301 05	MIDDLE	
3	KH-1 COOKLINE	XXEW-110.67-S	110.67	54	24	430 SS WHERE EXPOSED	HEAVY	2075	9	20		2075	0.608	1602	550	301 05	RIGHT	

HOOD NO.	MARK	LIGHTING DETAILS				GREASE FILTRATION DETAILS				UTILITY CABINET(S)				
		FIXTURE TYPE	BULB / LAMP INFO	QTY	FOOT CANDLES	TYPE / MODEL	SIZE (IN.)		LOCATION	FIRE SYSTEM	TYPE	SIZE	MODEL	CONTROLS
							L	H						
1	KH-1 COOKLINE	INCANDESCENT (GLOBE)	100W A19 (BULBS NOT INCL.)	5	48	X-TRACTOR STAINLESS STEEL	3	16	20	LEFT	ANSUL R102	12		
2	KH-1 COOKLINE	INCANDESCENT (GLOBE)	100W A19 (BULBS NOT INCL.)	5	48	X-TRACTOR STAINLESS STEEL	3	16	20					
3	KH-1 COOKLINE	INCANDESCENT (GLOBE)	100W A19 (BULBS NOT INCL.)	5	48	X-TRACTOR STAINLESS STEEL	3	16	20					

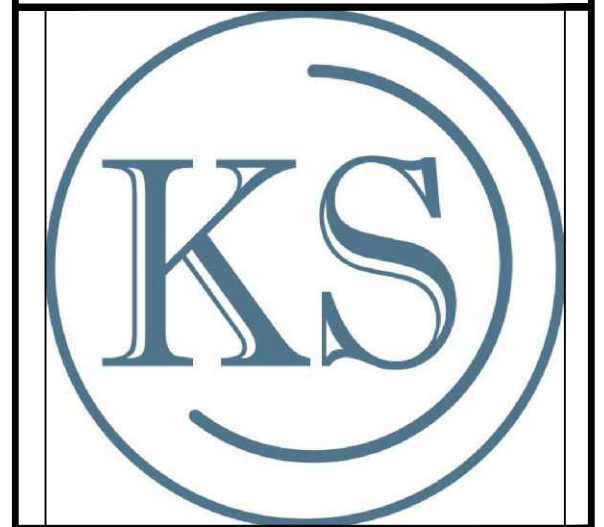
HOOD NO.	MARK	POS.	TYPE	SIZE (IN.)		INSULATED	DAMPER(S)	LED LIGHT(S) SUPPLIED	TOTAL CFM	COLLARS								
				L	W					TYPE	MOUNTING	QTY	W	L	DIA.	CFM	S.P.	VEL.
				L	W					H								
1	KH-1 COOKLINE	FRONTSPLIT ASP	FRONTSPLIT ASP	122.67	14	4	NO	NO	1776	MUA	FACTORY	3	12	28	592	0.01	254	
				122.67	10	4	YES	YES	650	AC	FACTORY	7			8	93	0.01	266
2	KH-1 COOKLINE	FRONTSPLIT ASP	FRONTSPLIT ASP	110.67	14	4	NO	NO	1602	MUA	FACTORY	3	12	24	534	0.01	267	
				110.67	10	4	YES	YES	550	AC	FACTORY	6			8	92	0.01	264
3	KH-1 COOKLINE	FRONTSPLIT ASP	FRONTSPLIT ASP	110.67	14	4	NO	NO	1602	MUA	FACTORY	3	12	24	534	0.01	267	
				110.67	10	4	YES	YES	550	AC	FACTORY	6			8	92	0.01	264



MARK: KH-1 Cookline - SECTION 1 ELEVATION VIEW

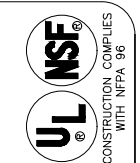
MARK: KH-1 Cookline - SECTION 2 ELEVATION VIEW

MARK: KH-1 Cookline - SECTION 3 ELEVATION VIEW

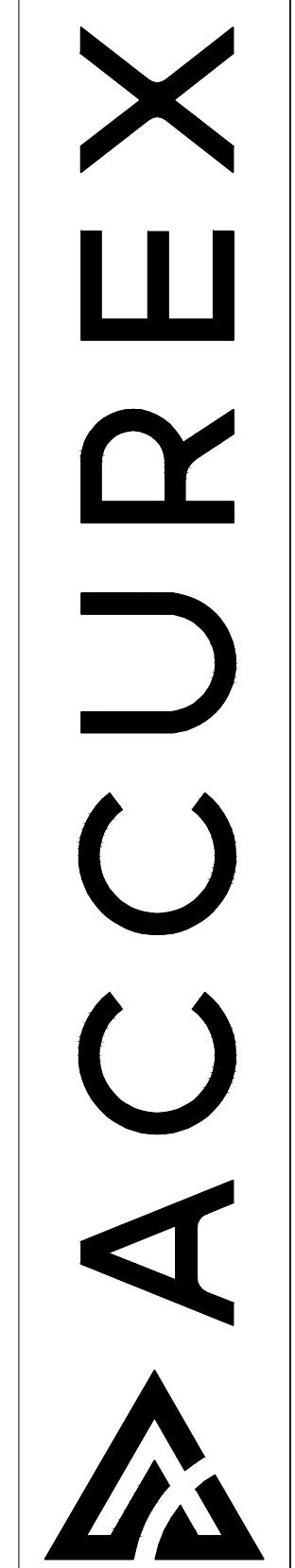


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PROJECT: 3/9/2023 Kitchen Social - Montgomery, OH R2
 MARK: KH-1 Cookline - SPLASH PANEL LAYOUT



ACCUREX WESTERN PA WV
 Mike Parsley
 mike.parsley@accurex.com
 (614)378-4350



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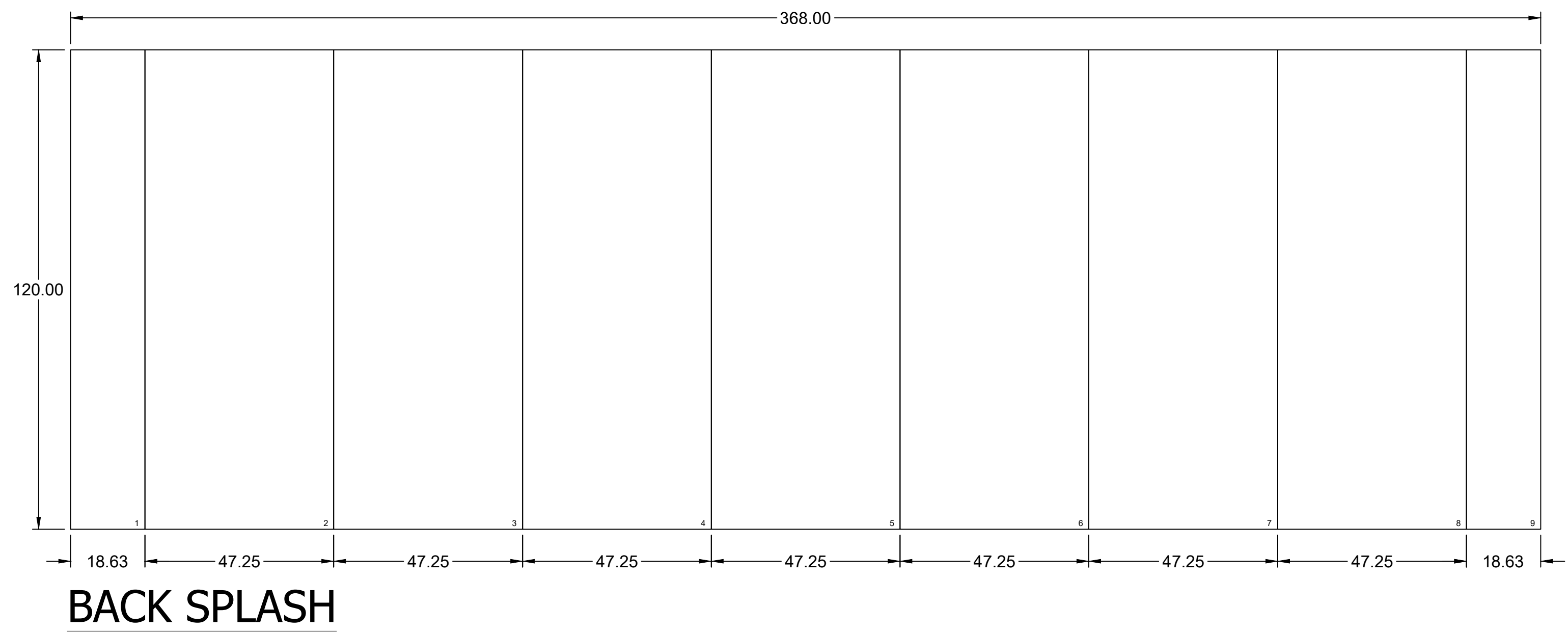
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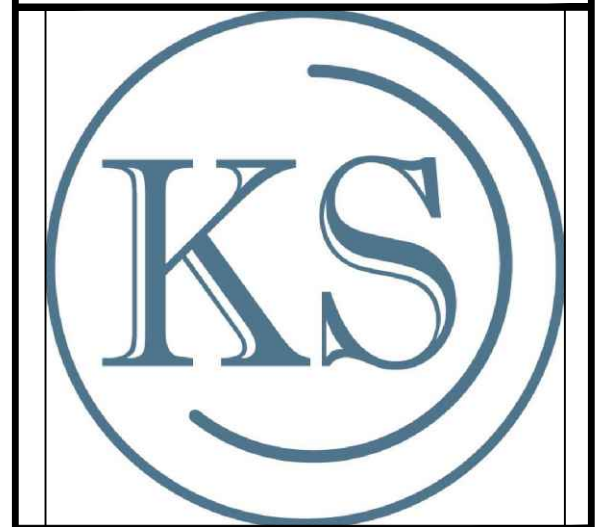
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HOOD 2

FSE-7.2





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HOOD 3

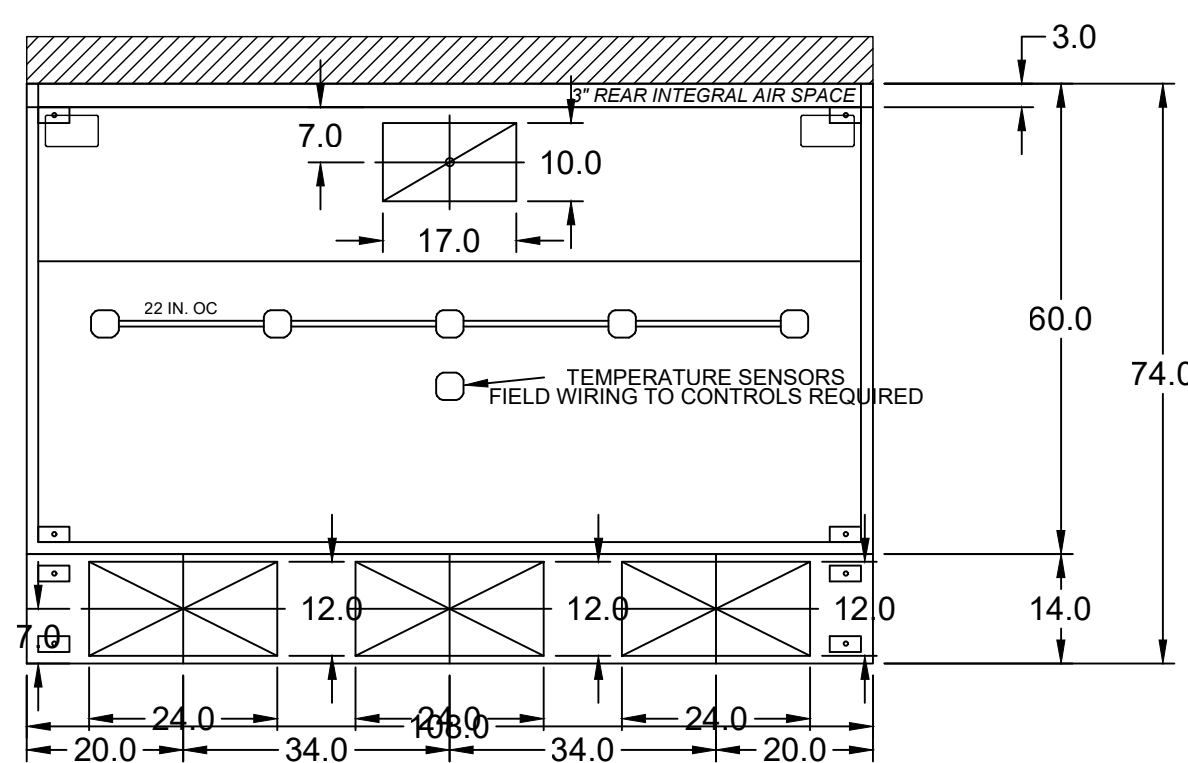
FSE-7.3

HOOD INFORMATION																	
HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	TOTAL CFM	EXHAUST					SUPPLY		TOTAL WEIGHT LBS.	SECTION LOCATION
			LENGTH	WIDTH	HEIGHT				COLLAR(S)					MUA CFM	AC CFM		
1	KH-2 PREP	XXEW-108-S	108	60	24	430 SS WHERE EXPOSED	HEAVY	1800	10	17		1800	0.487	1440		309.391	SINGLE

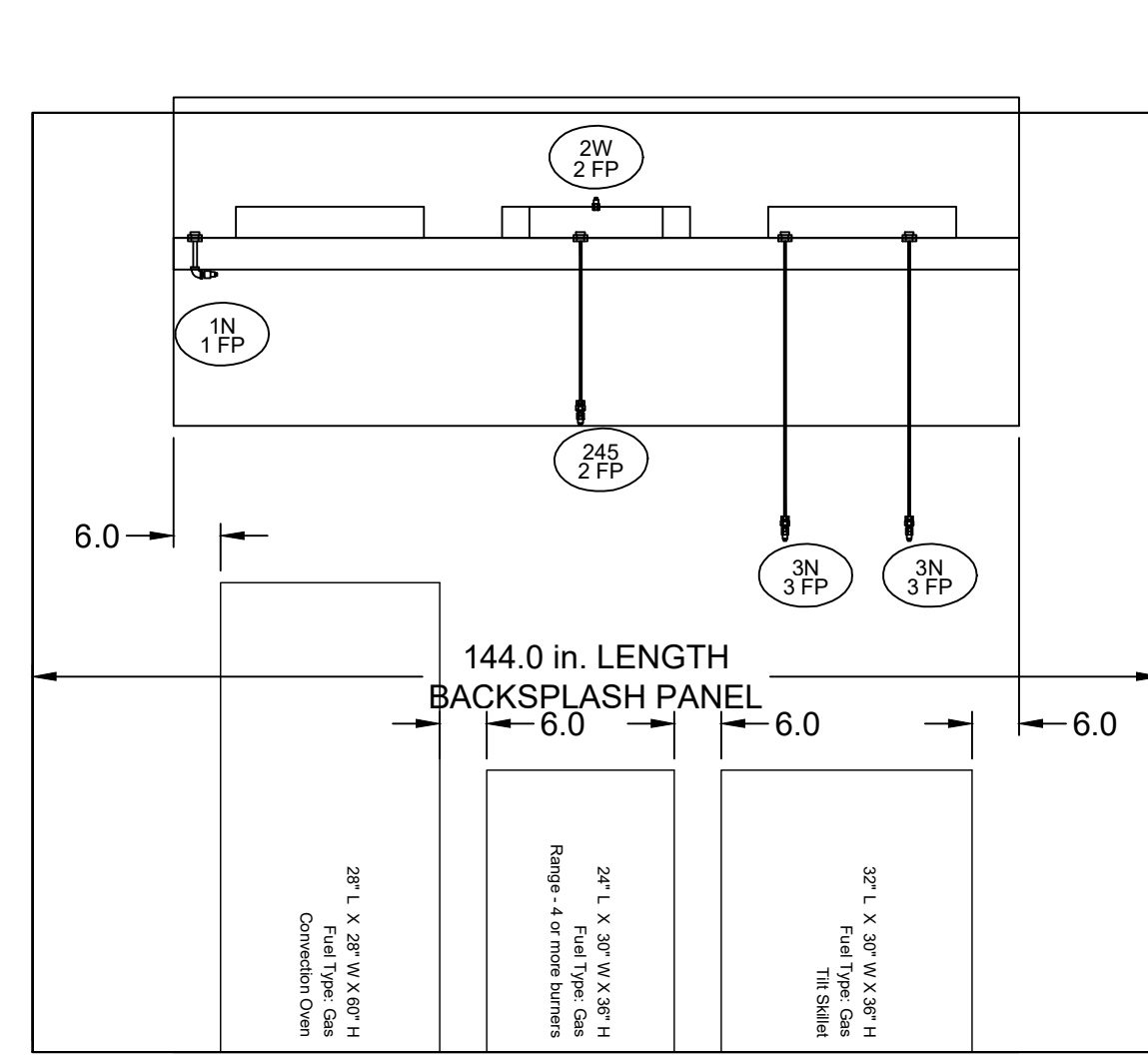
HOOD INFORMATION																
HOOD NO.	MARK	LIGHTING DETAILS				GREASE FILTRATION DETAILS				UTILITY CABINET(S)						
		FIXTURE TYPE BULB / LAMP INFO		QTY	FOOT CANDLES	TYPE / MODEL MATERIAL		QTY	SIZE (IN.) L H	LOCATION		FIRE SYSTEM		CONTROLS		
1	KH-2 PREP	INCANDESCENT (GLOBE) 100W A19 (BULBS NOT INCL.)		5	48.13	X-TRACTOR STAINLESS STEEL		3	16	20						

SUPPLY PLENUM INFORMATION																				
HOOD NO.	MARK	POS.	TYPE	SIZE (IN.)			INSULATED	DAMPER(S)	LED LIGHT(S)		TOTAL CFM	COLLARS								
				L	W	H			SUPPLIED	QTY		TYPE	MOUNTING	QTY	W	L	DIA.	CFM	S.P.	VEL.
1	KH-2 PREP	FRONT	ASP	108	14	4	NO	YES	NO		1440	MUA	FACTORY	3	12	24		480	0.01	240

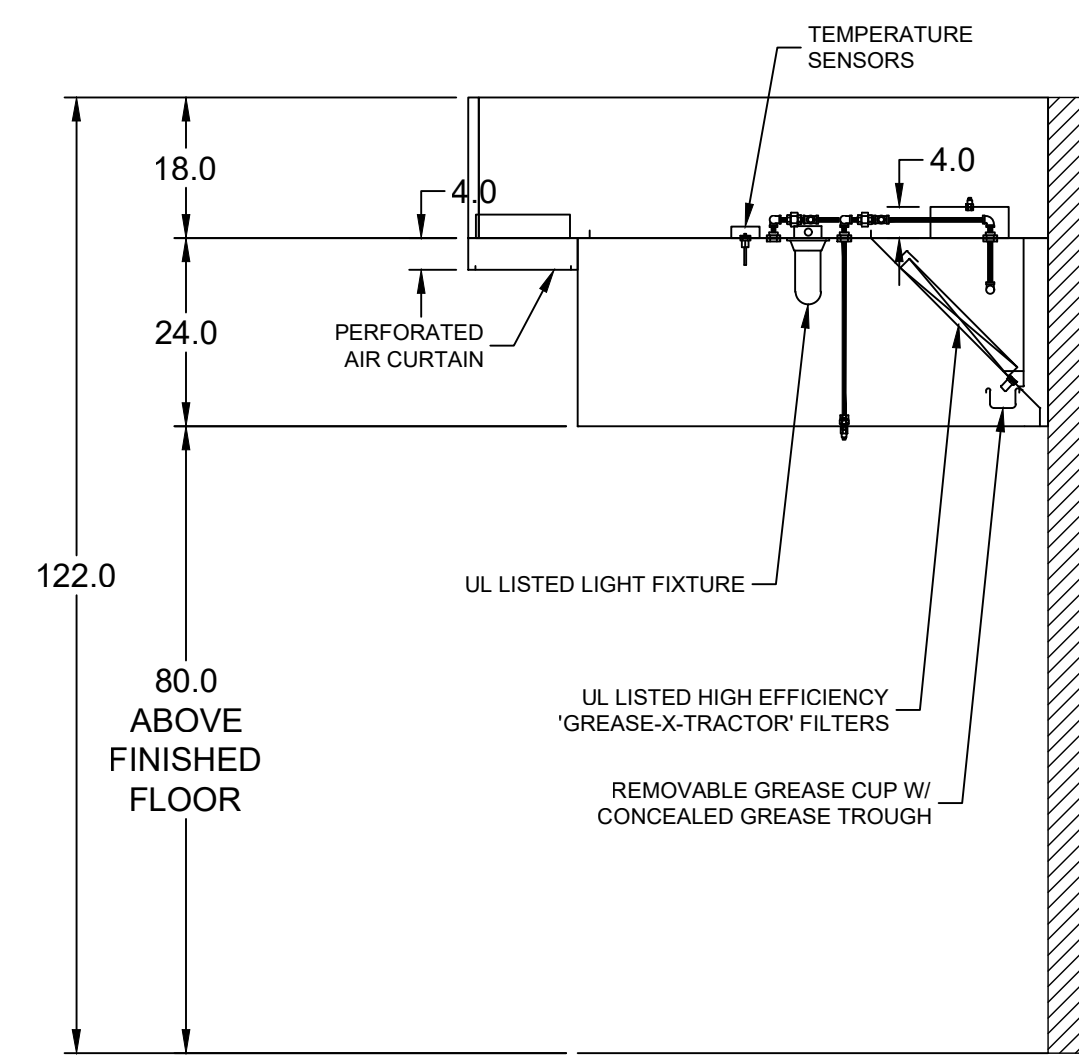
HOOD OPTIONS
UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625
BACK INTEGRAL AIR SPACE - 3 IN WIDE
18 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED
SHIPPED LOOSE EXHAUST COLLAR(S)
BACKSPASH 120.00 IN HIGH 144.00 IN LONG
PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
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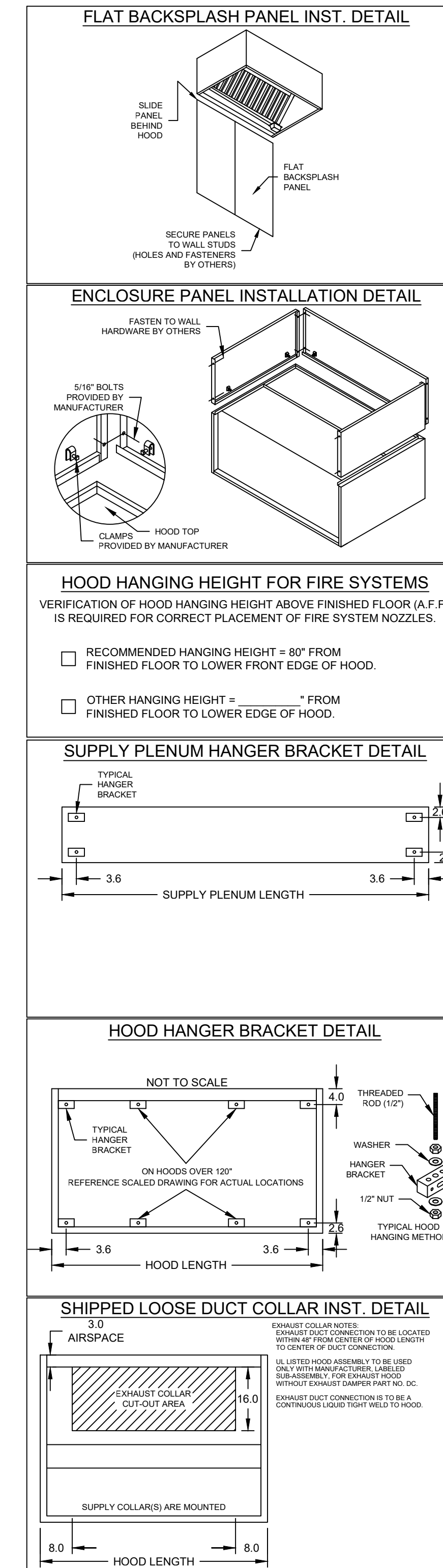
MARK: KH-2 Prep - SECTION 1
PLAN VIEW



MARK: KH-2 Prep - SECTION 1
ELEVATION VIEW



MARK: KH-2 Prep
SECTION VIEW



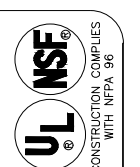
KITCHEN SOCIAL -
MONTGOMERY, OH R2

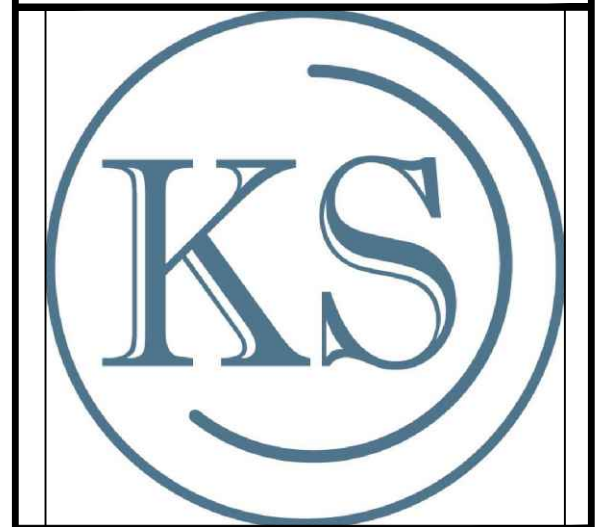
PROJECT
3/9/2023

ACCUREX WESTERN PA WV
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ACCUREX

KH-2 PREP





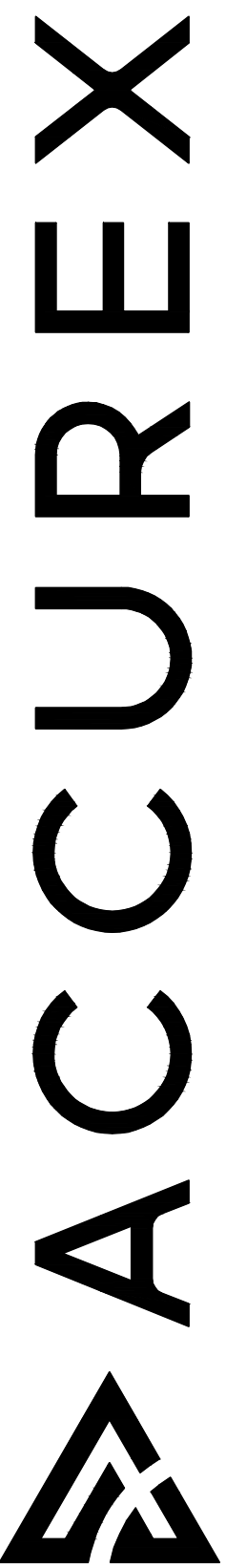
KITCHEN SOCIAL
9340 MONTGOMERY ROAD
MONTGOMERY, OH 45242

PROJECT Kitchen Social - Montgomery, OH
 3/9/2023 R2



MARK KH-2 Prep - SPLASH PANEL LAYOUT

ACCUREX WESTERN PA WV
 Mike Parsley
 mike.parsley@accurex.com
 (614)376-4350



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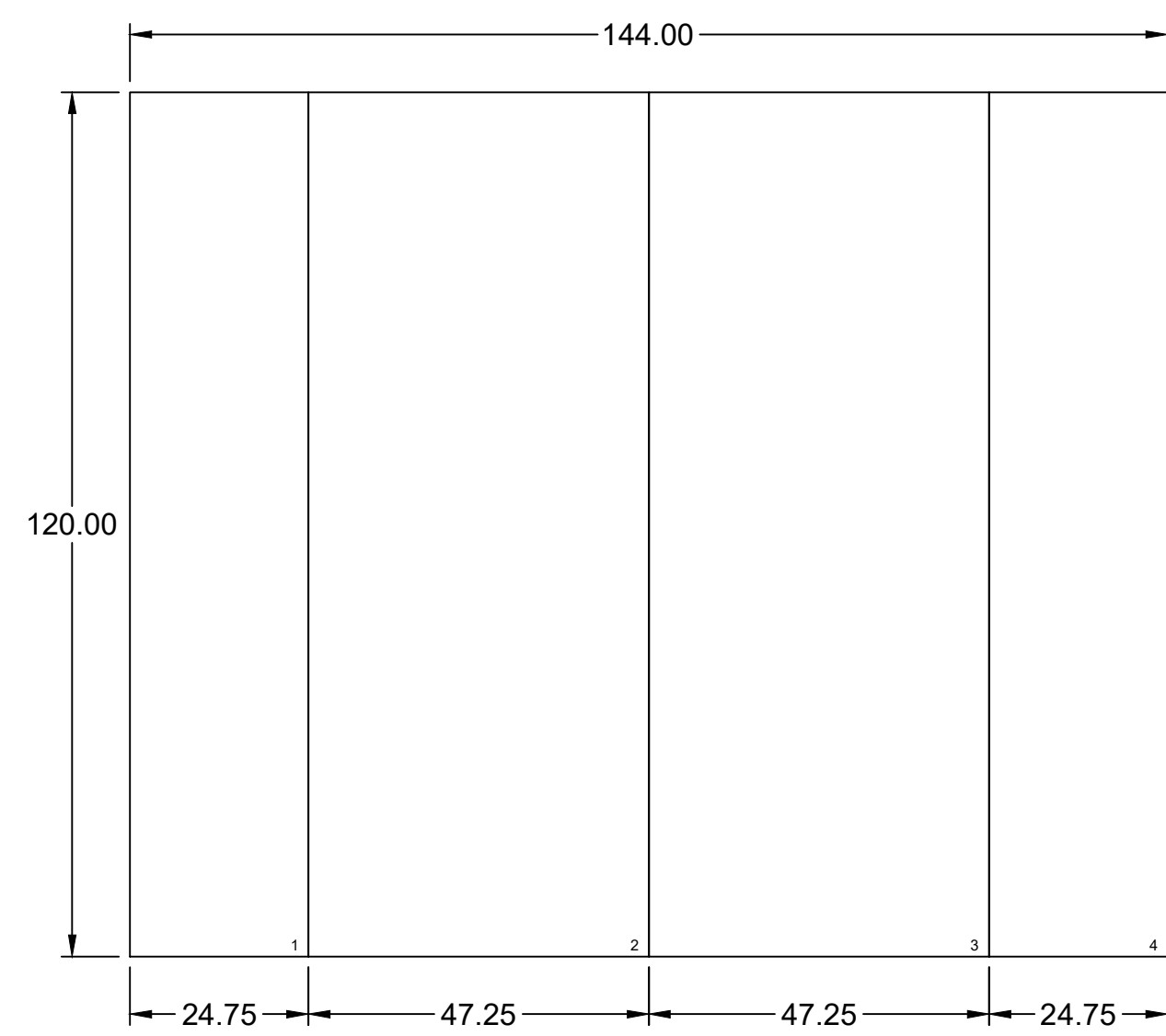
PROJECT: KITCHEN SOCIAL MONTGOMERY

DRAWN BY: S. KNAPP

DATE: 2023-03-24

HOOD 4

FSE-7.4



BACK SPLASH

FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
			HOODS	PCU			
FSS-1	ANSUL R-102 WET CHEMICAL	CABINET – LEFT END OF KH-1 COOKLINE	42 UTILIZED 44 AVAILABLE		CONTINUOUS	FUSIBLE LINK	KH-1 COOKLINE SECTION 1 KH-1 COOKLINE SECTION 2 KH-1 COOKLINE SECTION 3 KH-2 PREP 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 - MECHANICAL SHUTOFF VALVE, 2", (ANSUL) - PART# ANSULMECHSHUTOFFVALVE200
 HOOD SUPPRESSION TANK - INCLUDED - 12 GAL. - [(4) 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

1. STAINLESS STEEL ENCLOSURE
2. AGENT STORAGE TANK
3. EXPULSION GAS CARTRIDGE
4. ANSUL AUTOMAN RELEASE
5. REGULATOR
6. KNOCKOUT FOR WIRING MICROSWITCH

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 LOGGING 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, FE OR FS APPROVAL STAMP
- UNION LABOR, GOVERNMENT LABOR, OR PREVAILING WAGES REQUIRED FOR FINAL FIELD HOOD-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.

WIRING DIAGRAMS
 WDPDT MICRO SWITCH
 DPDT SWITCHES PROVIDED BY MANUFACTURER MAY BE WIRED PER TYPICAL EXAMPLES SHOWN. VERIFY WITH LOCAL CODES AND EQUIPMENT SUPPLIER AS THE CONNECTION NEEDED FOR YOUR INSTALLATION.

CONNECTION TO BUILDINGS ALARM

CONNECTION TO COOKING EQUIPMENT SHUT DOWN

CONNECTION TO FAN SHUT DOWN

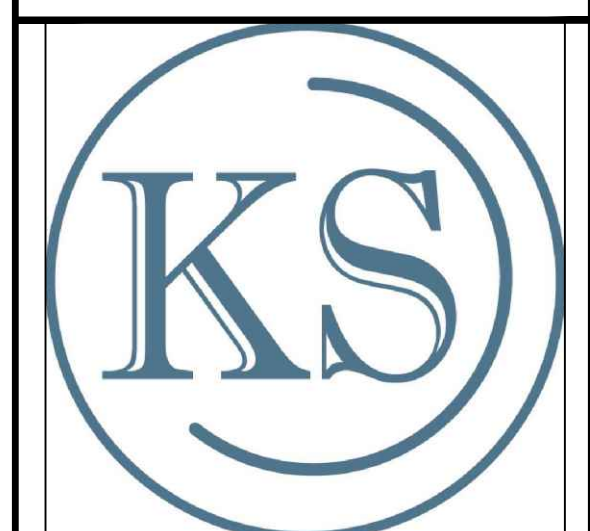
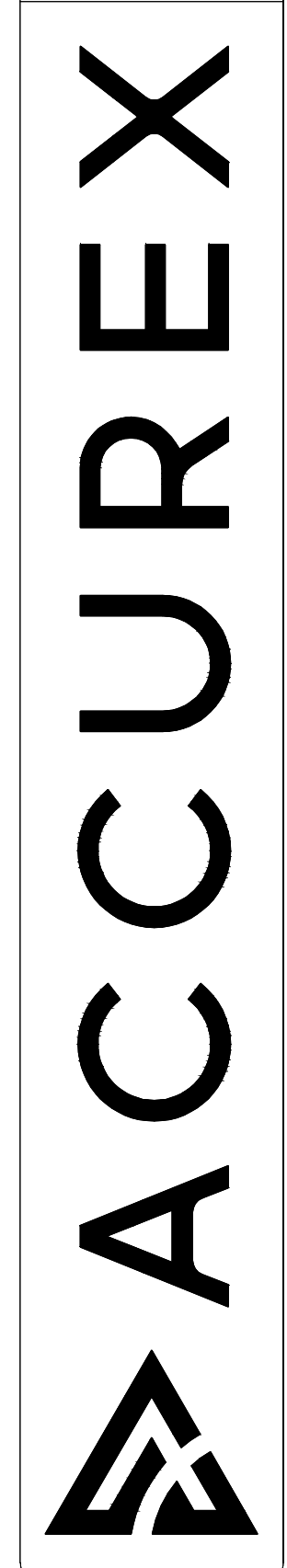
DO NOT SHUT DOWN EXHAUST FANS WITH THIS METHOD OF WIRING, IF PROHIBITED BY LOCAL CODES.

NOTES:

1. DENOTES FIELD INSTALLATION.
2. DENOTES FACTORY INSTALLATION.
3. DO NOT USE BLACK WIRE OR SNAP-ACTION SWITCH IN NORMAL INSTALLATION. BLACK WIRE TO BE USED ONLY FOR EXTRANEIOUS ALARM, LIGHT CIRCUITS, ETC.

PROJECT: 3/9/2023
 MARK: FSS-1
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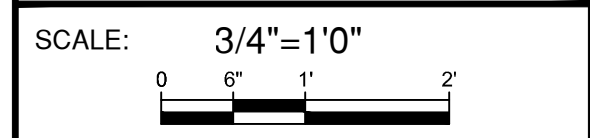


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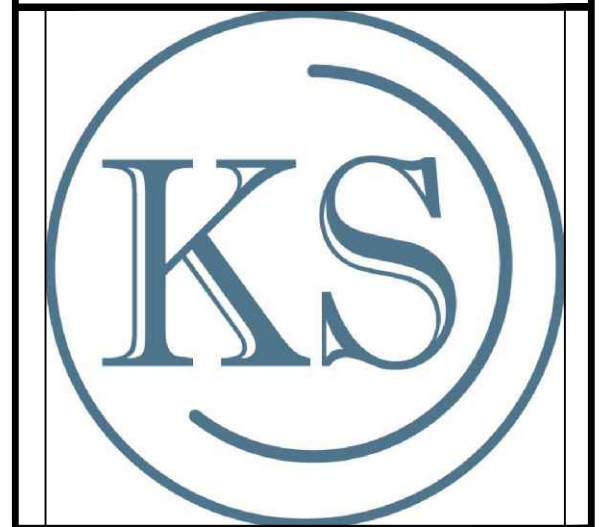
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HOOD 5

FSE-7.5



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HOOD 6

FSE-7.6

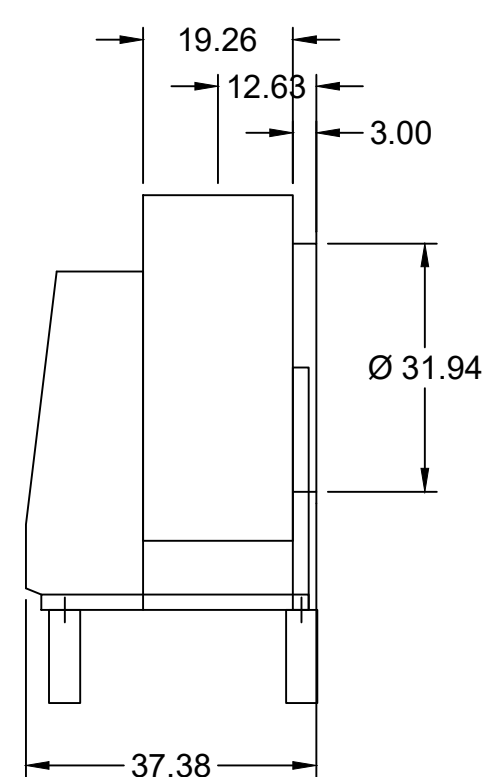
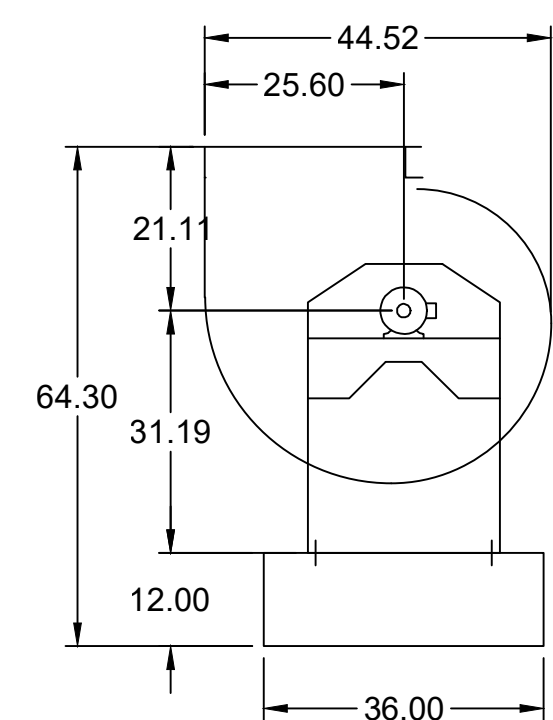
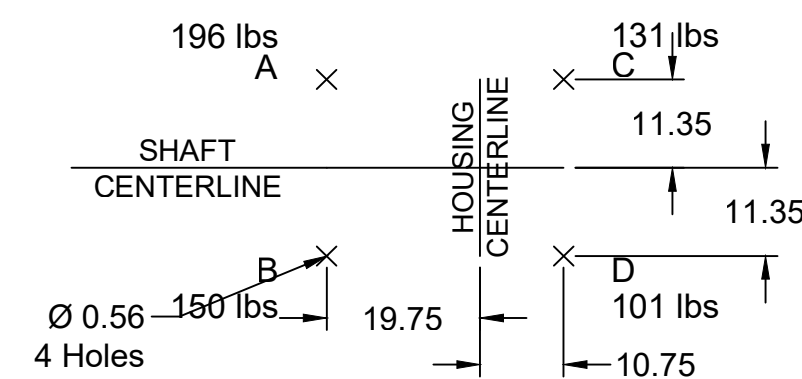
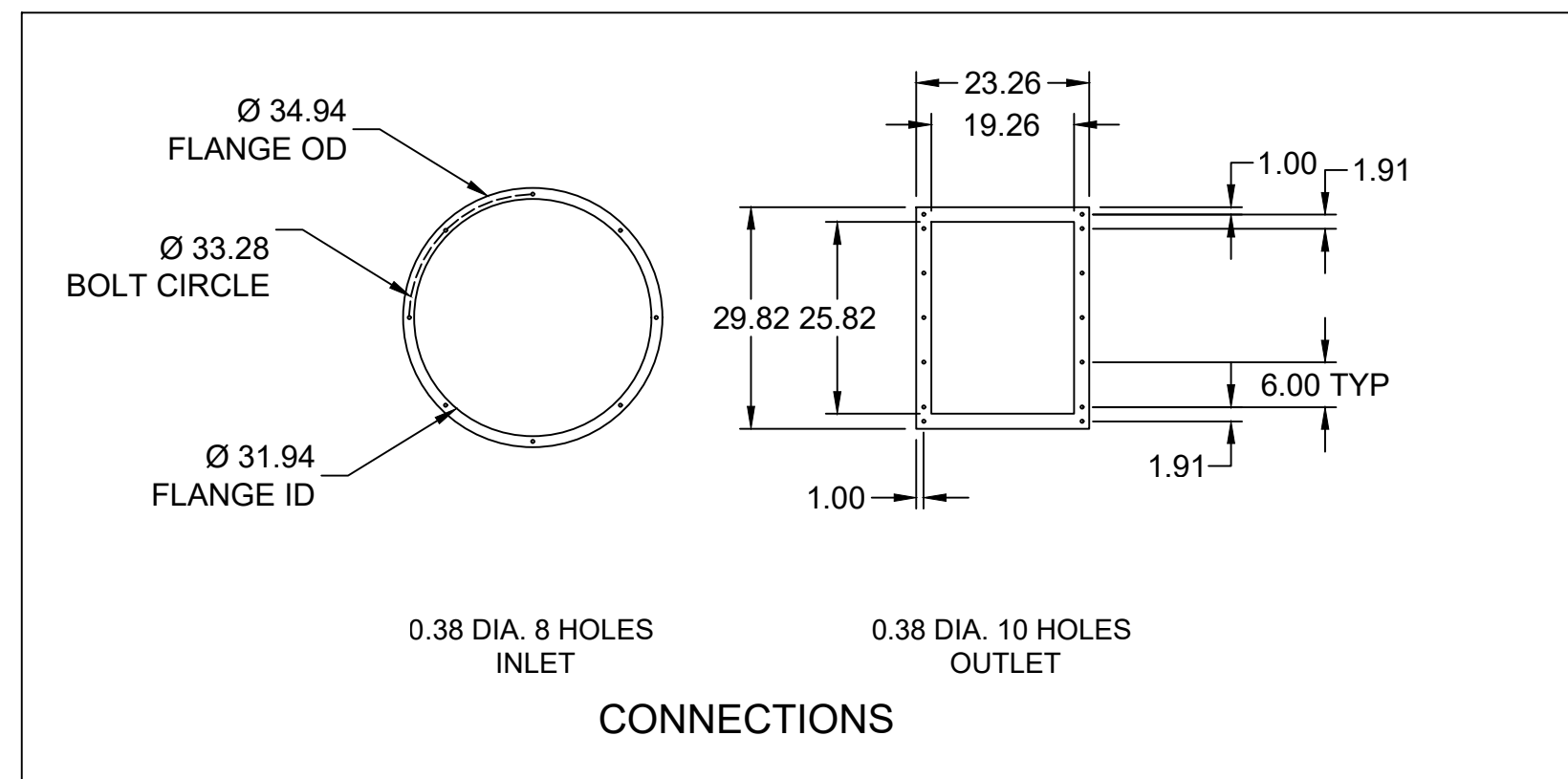
Universal Single Width Fan

KH-1 (ALL SECTIONS) & KH-2

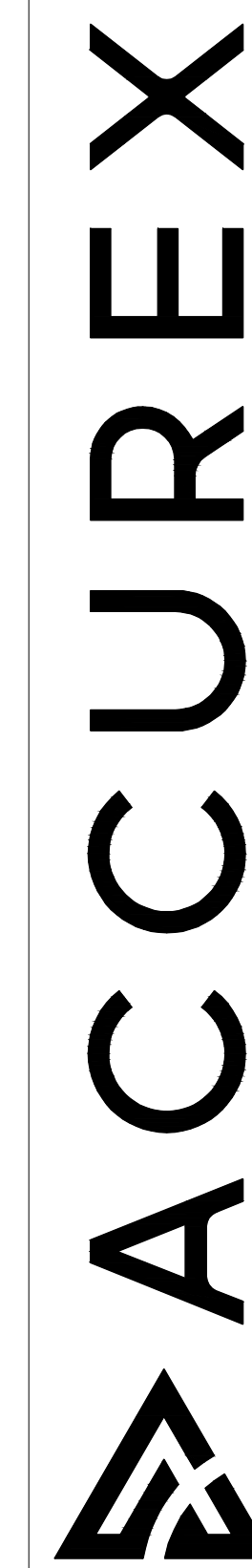
MARK INFORMATION		FAN INFORMATION						MOTOR INFORMATION				
QTY	MARK	MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	SIZE (HP)	V/C/P	ENCLOSURE	MOTOR RPM	WINDINGS
1	EF-1	XUEF-24	8,025	2.608	1,254	4.75	749	7.5	208/60/3	TF	1770	1

EF-1 : SELECTED OPTIONS AND ACCESSORIES

- Finish - Coated
- Coating - Permatecor, Concrete Gray-RAL 7023, Fan and Attached Accessories
- Switch - NEMA-3R, Toggle, For Indoor or Outdoor Use, Ship Separate
- Direct Mount Isolators, Isolator-Spring, Restrained, 2 Inch, Indoor / Outdoor Use, Base Coating - N/A
- Housing - Welded Scroll
- Arrangement - 4
- Wheel - Backward Inclined
- UL Listed for Grease Exhaust - UL/cUL-762 Outdoor - "Power Vent. for Restaurant Exhaust Appliances"
- Access Door - Bolted
- Drain Connection - 1 inch threaded female
- Inlet Flange, Punched
- Outlet Flange, Punched
- Motor Cover - Steel Construction
- Outlet Guard, Steel, Coated w/Safety Yellow Finish
- Shaft Seal - High Temperature
- Grease Trap with Drain Connection and Absorbent Material, Shipped Loose
- Fasteners - Standard

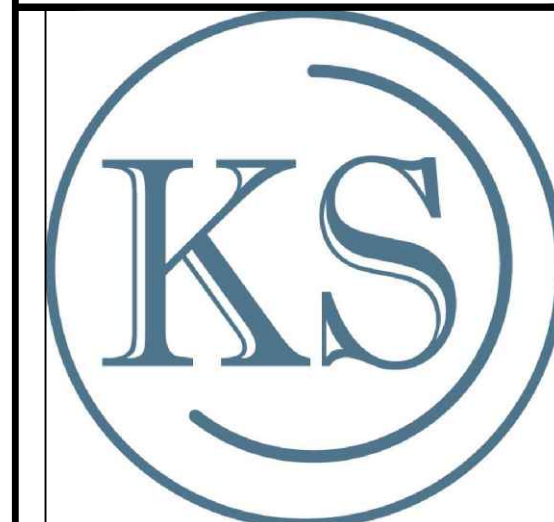


PROJECT: 3/9/2023
ACCUREX WESTERN PA WW
MIKE PARSLEY
MIKE.PARSLEY@ACCUREX.COM
(614)376-4350



KITCHEN SOCIAL
MONTGOMERY, OH R2
EF-1





KITCHEN SOCIAL
9340 MONTGOMERY ROAD
MONTGOMERY, OH 45242

- REVISIONS:
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 - 2023.02.23-ADDED WALK-IN DWGS
 - 2023.03.03-NEW BASE-DISH AREA REVISED BAR PER NEW BASE.
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 - 2023.03.24- REV 1: BUILDING COMMENTS

FOR REFERENCE ONLY

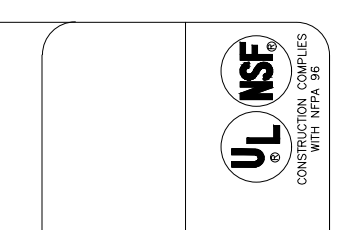
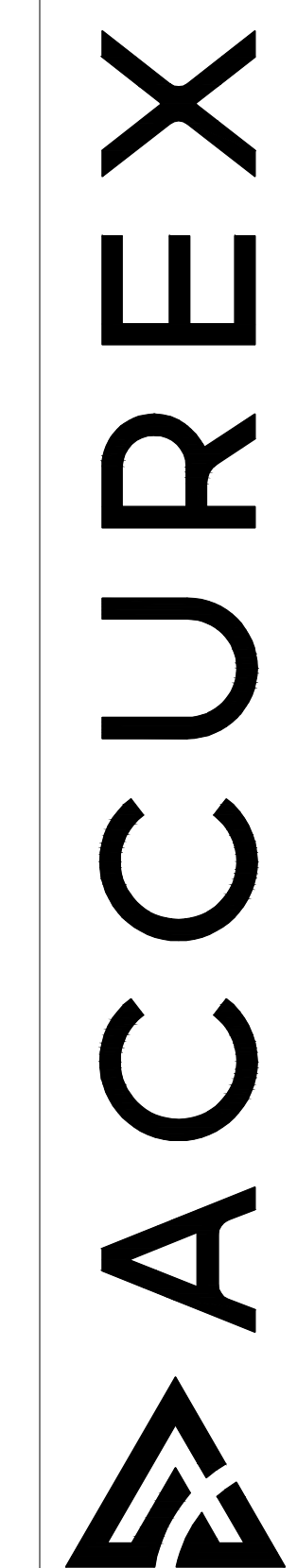
CONTACT: FRANK THOMPSON
SCALE: 3/4"=1'0"
PROJECT: KITCHEN SOCIAL MONTGOMERY
DRAWN BY: S. KNAPP
DATE: 2023-03-24

HOOD 7
FSE-7.7

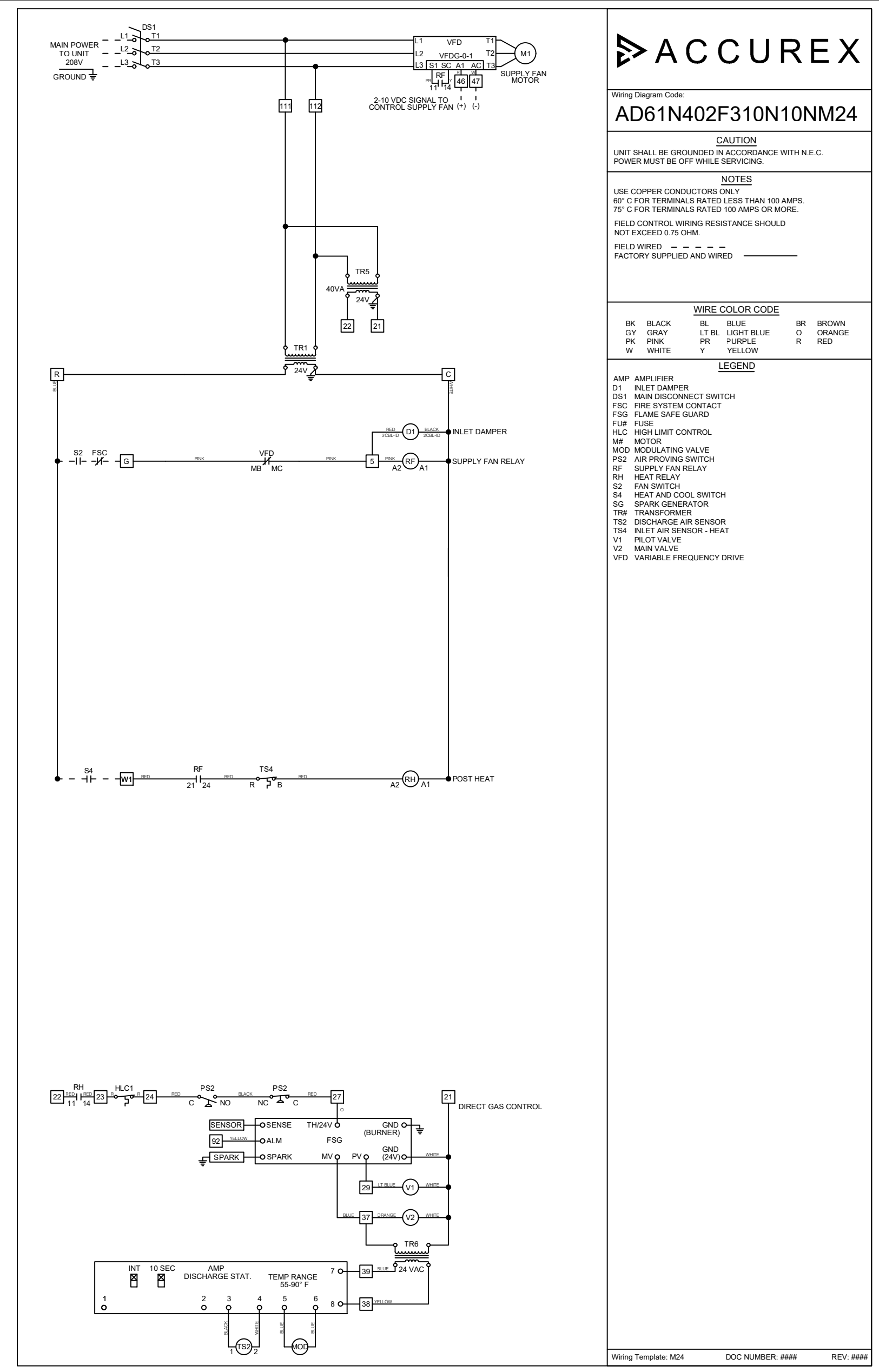
FSE-7.7

KITCHEN SOCIAL -
MONTGOMERY, OH R2

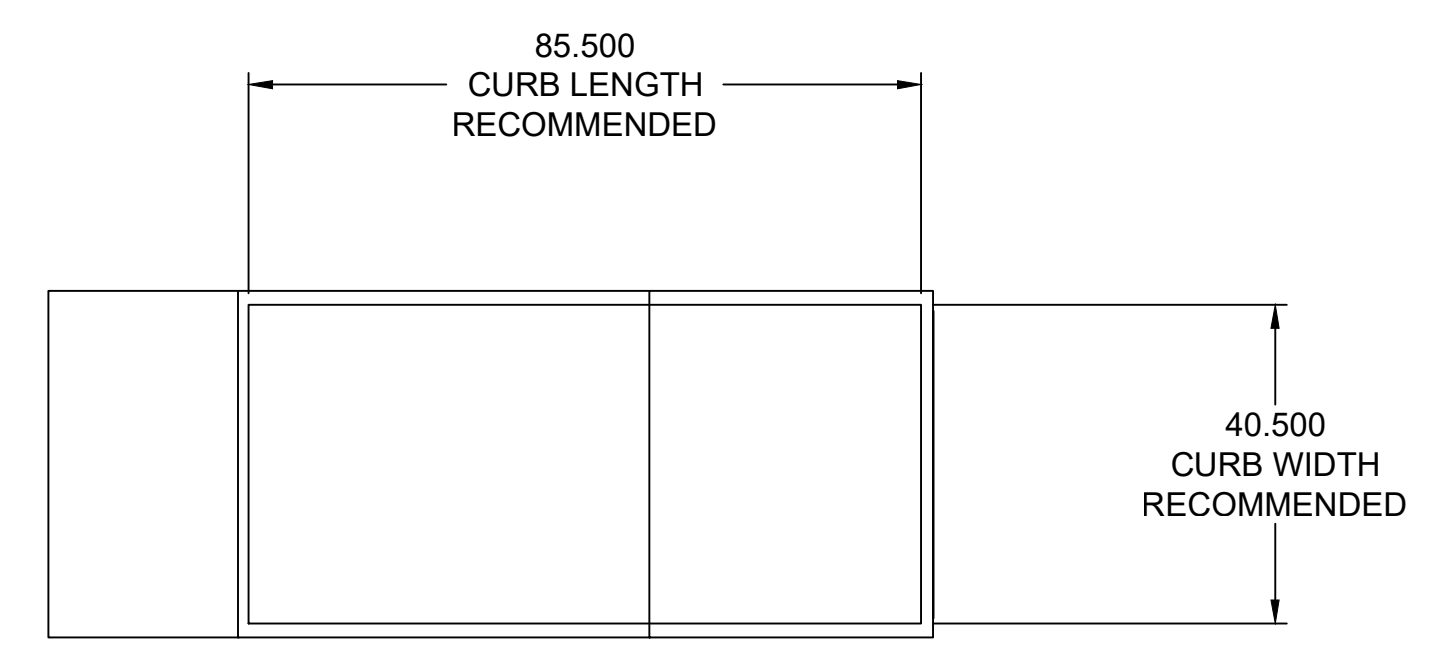
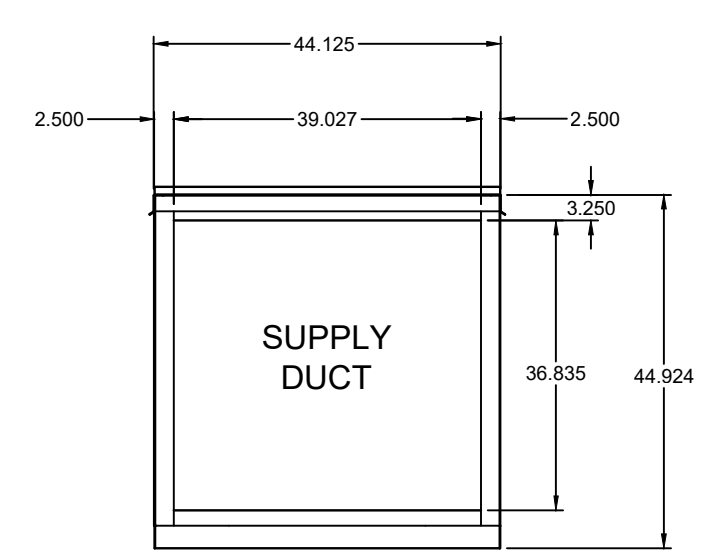
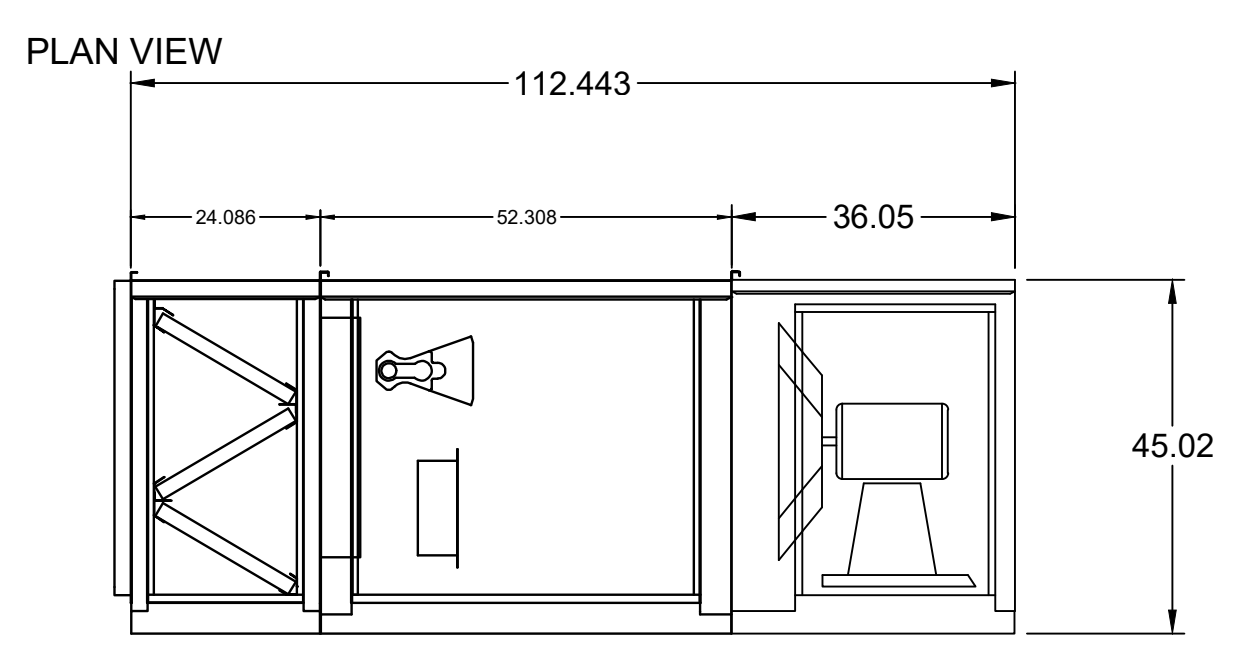
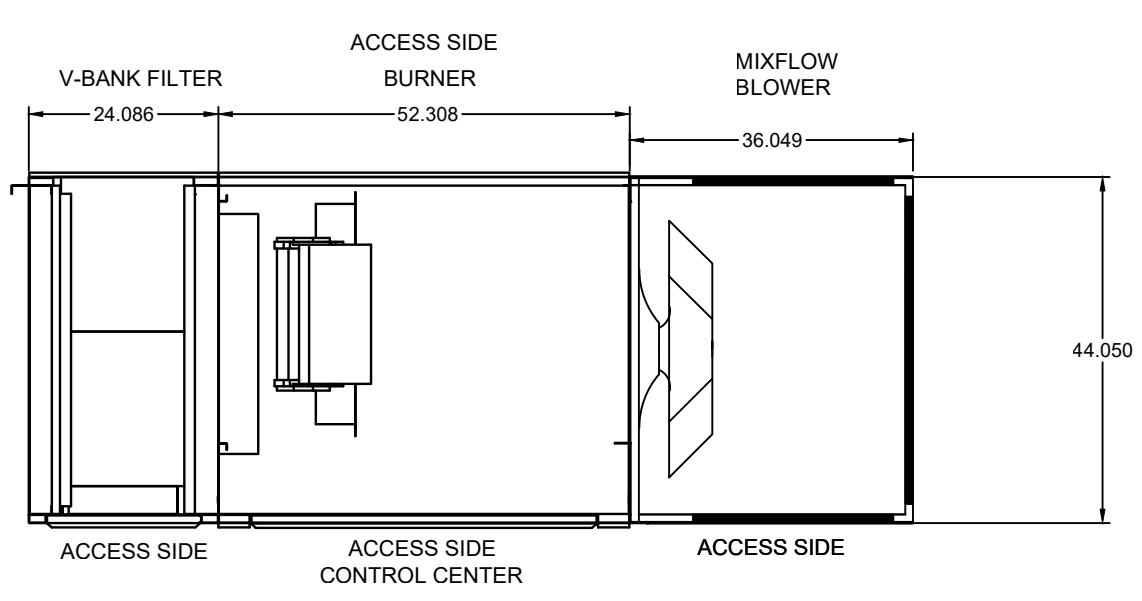
ACCUREX WESTERN PA WW
MIKE PARSLEY
MIKE.PARSLEY@ACCUREX.COM
(614)378-4350



MUA-1



EQUIPMENT SCHEDULE										OPTIONS AND ACCESSORIES		
Tempered Make-Up Air Unit										Air Flow Arrangement: Variable Volume		
Mark: MUA-1										Filter Section: Aluminum, 20x20x2 - (6)		
Qty	Accurex Model	Volume	External SP	Total SP	MCA	MOP	Weight	SCCR				
1	XDGX-P122-H22-MF	6,420 CFM	0.64 in. wg	1,477 in. wg	21.6	35	1,123 lb	5kA				
Motor Information										Dampers: Inlet		
Size	V/CP	Enclosure	Motor with Shaft Grounding	Motor RPM	Operating Power							
5 hp	208/60/3	OOP	No	1180	2.54 hp							
Heating										Outdoor Air Intake Position: End		
Type	Gas Type	Temperature	Energy	Connection	Building	Control	Gas Pressure					
		Winter DB Max Δ Max LAT	Input Output Efficiency	Gas (IN)	Access	Access	Mn Max					
Direct Gas	Natural	6.3 F 53.1 F 59.4 F	400.0 MBH 366.0 MBH 92%	3/4"	1/2 PSI	Right Hand	12 in. wg 0.5 PSI					
Outlet Sound Power By Octave Band										Heat Inlet Air Sensor		
		62.5	125	250	500	1000	2000	4000	8000	LWA	dBA	Sones
		76.7	76	79.4	80.4	80.9	79.8	76.4	71.4	85.8	74.8	22.1



ELEVATION VIEW

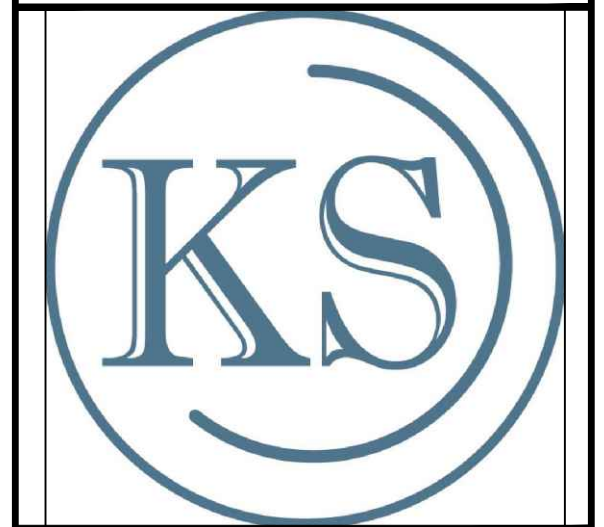
NOTE: Roof Opening Requirements:

Minimum Roof Opening: The minimum roof opening size is the illustrated duct diameter plus 0.25 in. on all sides. For example: If the duct size is 14 x 14 in. square, the minimum roof opening size is 14.5 x 14.5 in. square.

Maximum Roof Opening: There must be a minimum perimeter of 1.75 in. between the roof opening and the roof curb. For example: If the roof curb is 75 x 30 in. square, the maximum roof opening is 71.5 x 26.5 in. inches square.

NOTE: The weatherhood and filter sections of the make-up air unit are not supported by the curb. This is by design, in order to help alleviate water infiltration issues.

FOOTPRINT



KITCHEN SOCIAL
9340 MONTGOMERY ROAD
MONTGOMERY, OH 45242

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2023.03.24- REV 1: BUILDING COMMENTS

FOR REFERENCE ONLY

CONTACT: FRANK THOMPSON

SCALE: 3/4"=1'0"

PROJECT: KITCHEN SOCIAL MONTGOMERY

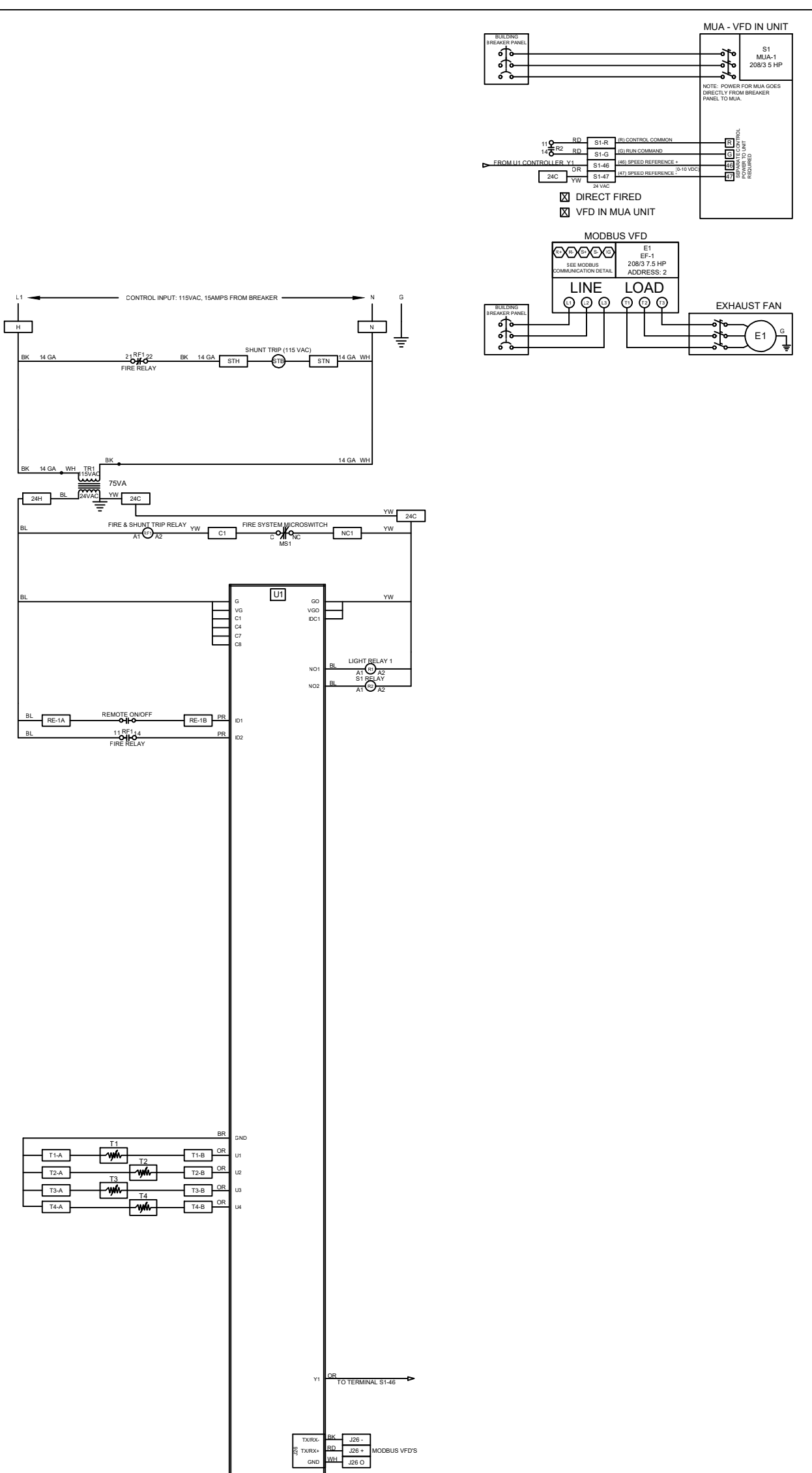
DRAWN BY: S. KNAPP

DATE: 2023-03-24

HOOD 8

FSE-7.8

CONTROL INFORMATION		ELECTRICAL CONTROL PACKAGE			USER INTERFACE		FANS CONTROLLED				CONTROL FEATURES
MARK	MODEL	LOCATION	TYPE	LOCATION	MARK	TYPE	VOLT	PHASE	HP	Lights Out In Fire	
DCKV-1	VARI-FLOW	Remote VAV Cabinet	Keypad	CABINET - LEFT END OF KH-1 Cookline	MUA-1	supply	208	3	5		
					EF-1	exhaust	208	3	7 1/2		



ACCUREX

WIRING DIAGRAM CODE:
KITCHEN SOCIAL - MONTGOMERY, OH R2

PANEL TYPE: VARI-FLOW
SERIAL NUMBER: WDSN#
PANEL MARK: DCKV-1
MODEL: XFCC
DOC NUMBER: ###
REV: ###

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

NOTES
1. USE COPPER CONDUCTORS RATED TO 90°C UNLESS SPECIFIED.
2. TORQUE: CONTROL TERMINAL & GROUND BLOCKS TO 8 LBS IN.
3. TORQUE: POWER LUGS TO COMPONENT RATINGS LISTED.
4. FIELD CONTROL WIRING RESISTANCE SHOULD NOT EXCEED 0.75 OHM.
FIELD WIRED - - - - -
FACTORY SUPPLIED AND WIRED

LEGEND

BR	BLACK	BL	BLUE	BR	BROWN
GY	GRAY	LTBL	LIGHT BLUE	OR	ORANGE
PK	PINK	PR	PURPLE	R	RED
W	WHITE	Y	YELLOW	GR	GREEN

FAN INFORMATION

FAN #	FAN MARK	TYPE	HP	VOLT	PH	FLA	WIRE BREAKER
E1	MUA-1	8025	5	208	3	18.7	75 GA 50 AMP
E1	EF-1	8025	7.5	208	3	24.2	8 GA 40 AMP

FIELD WIRING

HOOD #	DIRECT SHUNT OR HOOD MARK	AUTO HOOD	SENSOR	REL. FANS
1	KH1 COOKLINE SECTION 1	NO	T1	E1, E1
2	KH1 COOKLINE SECTION 2	NO	T2	E1, E1
3	KH1 COOKLINE SECTION 3	NO	T3	E1, E1
4	KH2 PREP SECTION 1	NO	T4	E1, E1

NEYPAD DISPLAY DETAIL

NEYPAD COMMUNICATIONS DETAILS

DDC CODE: VERSION - KVS V 3.00
ASK0400111N0410N00NN05
VFD CODE: 02-00-00-00

Vari-Flow (Variable Volume)
Electrical - Field Wiring Schematic
Kitchen Social - Montgomery, OH R2

Panel Mark: DCKV-1
Location: Remote Cabinet

POWER WIRING FOR VARI-FLOW CONTROL SYSTEM

CONTROL WIRING FOR Vari-Flow CONTROL SYSTEM

NEYPAD LOCATION: Hood Cabinet Right Side

SENSOR LOCATION

KH-1 Cookline Section 1	CAPTURE TANK
KH-1 Cookline Section 2	CAPTURE TANK
KH-1 Cookline Section 3	CAPTURE TANK
KH-2 Prep Section 1	CAPTURE TANK

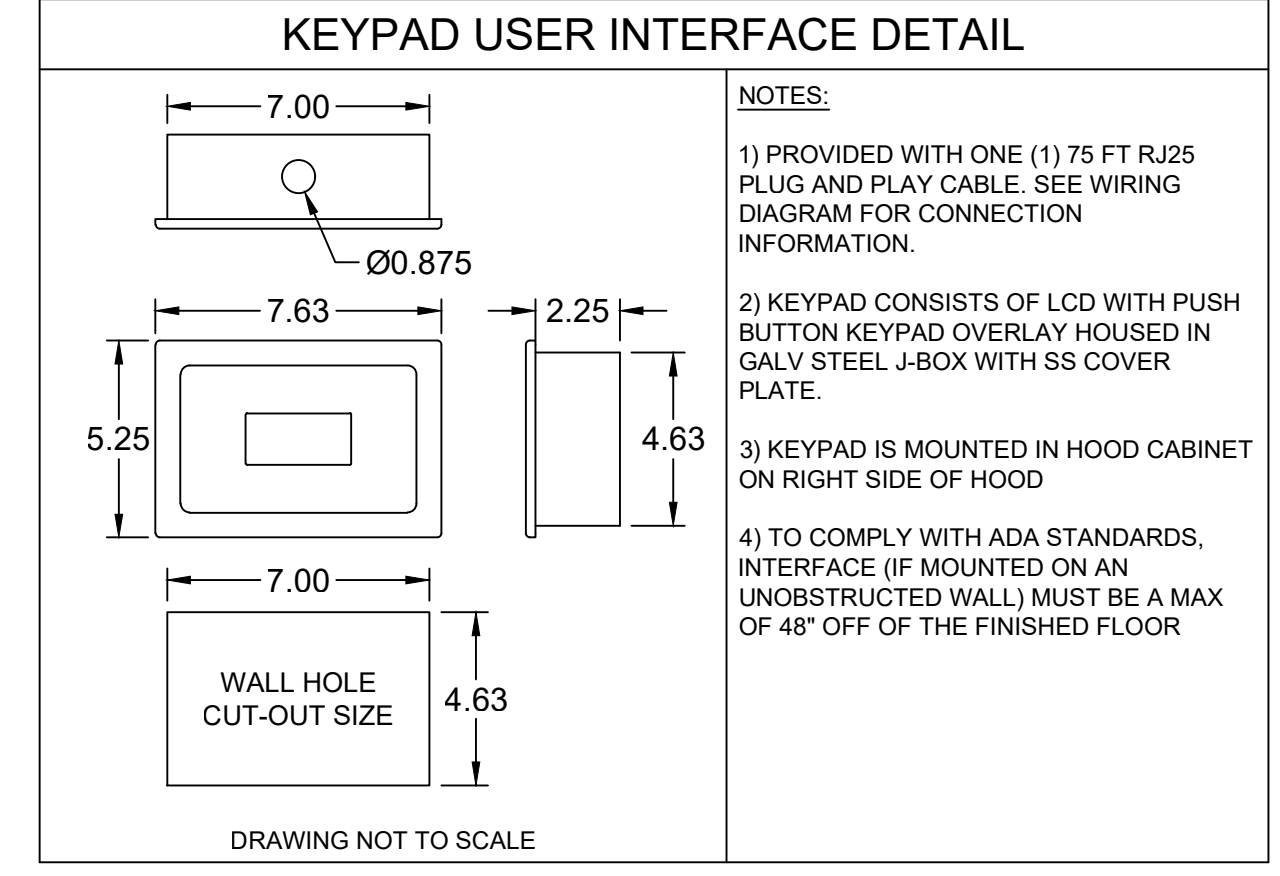
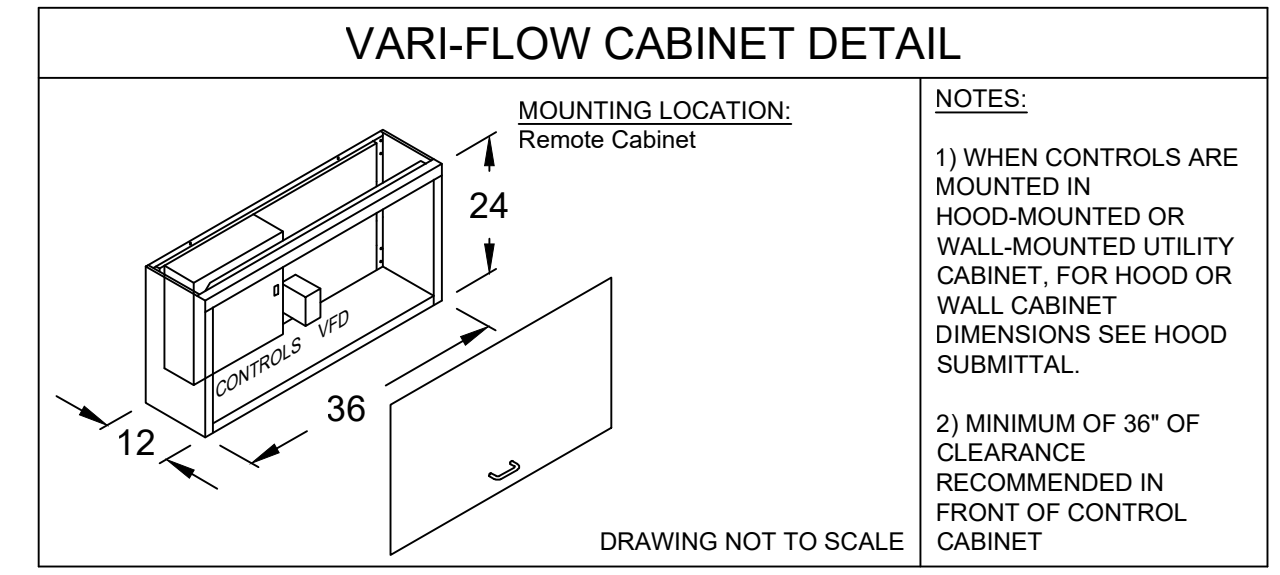
POSSIBLE SENSOR LOCATIONS:

Shipped Loose for Field Installation

NOTE: ALL SENSORS TO BE WIRED INDEPENDENTLY

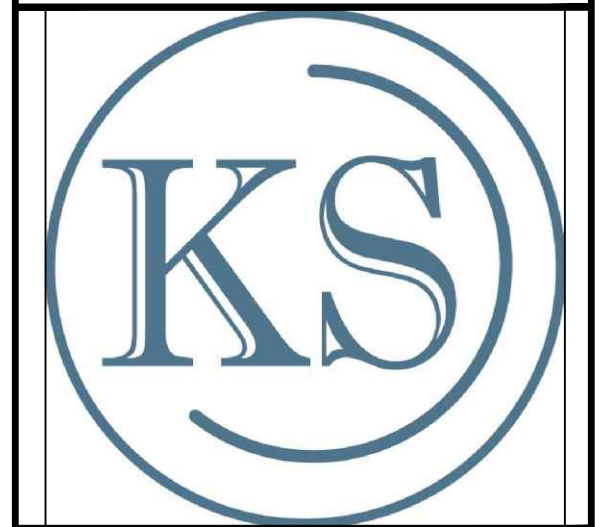
Notes(s):

- All wiring to be done by certified and qualified persons and must be wired to all local & national codes.
- Exhaust and supply fan(s) shown as typical for representation of the fan. For exhaust or supply fan detail see fan submittal.
- Exhaust and/or supply fans may be shown more than once for purpose of separating power versus control wiring.
- Power wiring is the responsibility of the electrician. Control wiring is the responsibility of controls contractor. If there is no controls contractor, both power and control wiring is the responsibility of the electrician.
- All ground wiring not shown on above diagram for clarity.
- For further instructions please see the Vari-Flow Installation and Operations Manual that was shipped with panel, or contact ACCUREX's Kitchen Ventilation team at 1-800-371-6858



ACCUREX
 PROJECT: KITCHEN SOCIAL - MONTGOMERY, OH R2
 DATE: 3/9/2023
 MARK: DCKV-1
 ACCUREX WESTERN PA WV
 MIKE PARSLEY
 MIKE.PARSLEY@ACCUREX.COM
 (614)378-4350

SYSTEM DRAWING NOTE
THESE DRAWINGS SHALL NOT BE REMOVED FROM THIS EQUIPMENT.
FOR ADDITIONAL INFORMATION CALL ACCUREX AT 1-800-371-6858



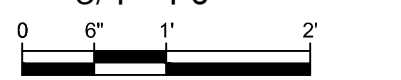
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FOR REFERENCE ONLY

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SCALE: 3/4"=1'0"



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DRAWN BY: S. KNAPP

DATE: 2023-03-24

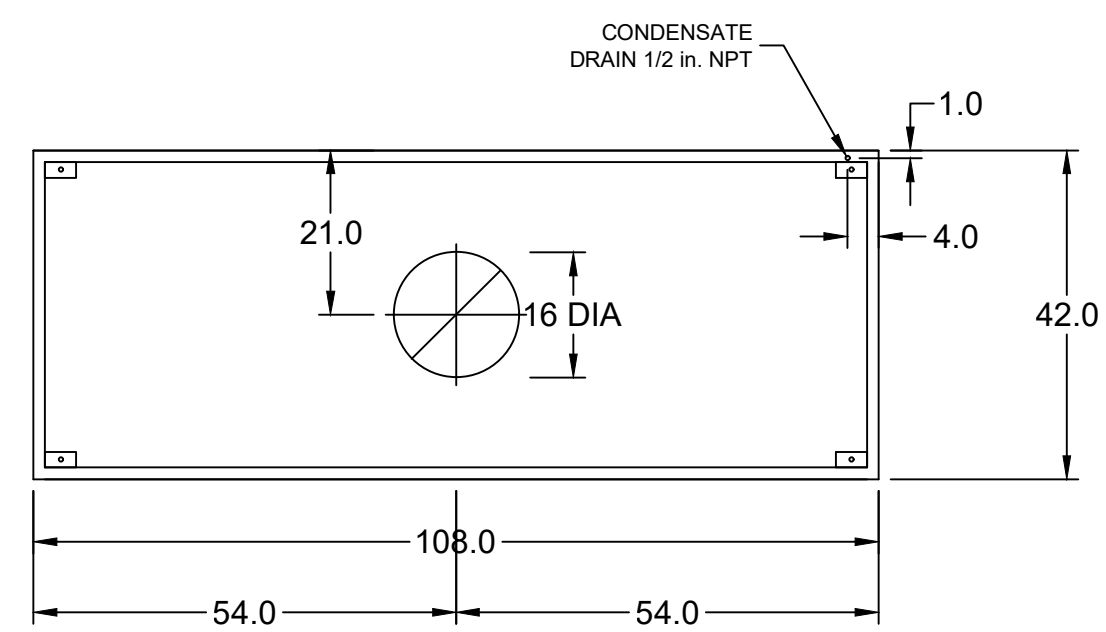
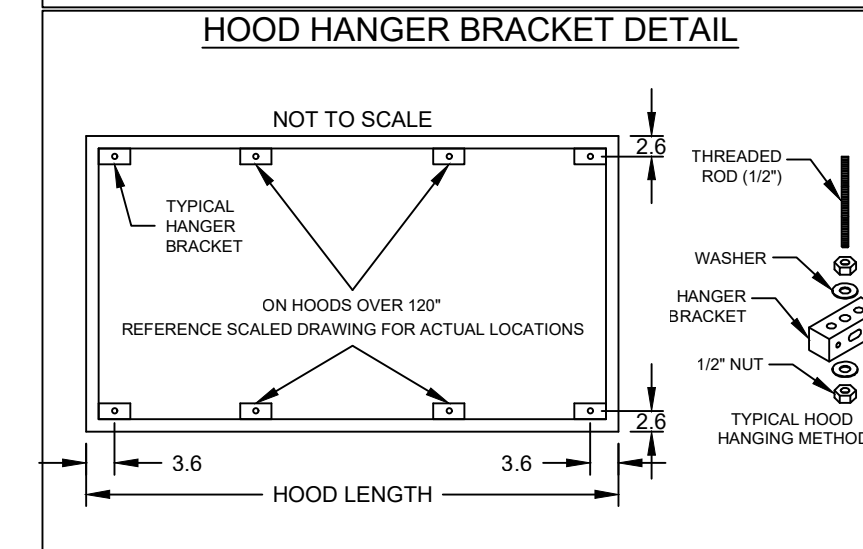
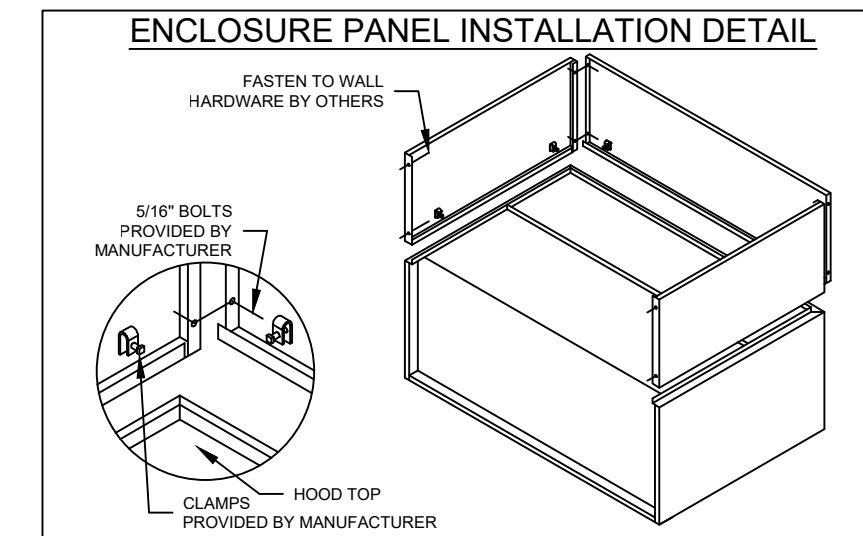
HOOD 9

FSE-7.9

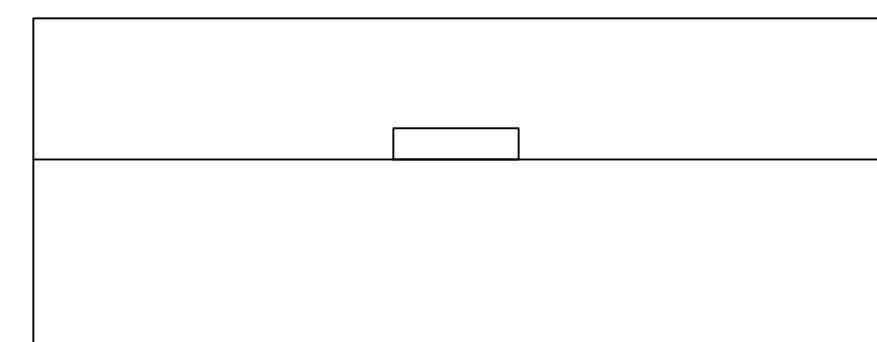
HOOD INFORMATION		XD1: TYPE II, CONDENSATE, NO BAFFLE					HOOD CONSTR.	COOKING LOAD / DUTY RATING	TOTAL CFM	EXHAUST COLLAR(S)				SUPPLY		TOTAL WEIGHT LBS.	SECTION LOCATION
HOOD NO.	MARK	MODEL	LENGTH	WIDTH	HEIGHT	WIDTH				LENGTH	DIA.	CFM	S.P.	MUA CFM	AC CFM		
1	KH-3 DISH	XD1-108-S	108 0	42	24		430 SS 100%	1350			16	1350	0.112			165	SINGLE

HOOD INFORMATION		LIGHTING DETAILS			BAFFLE FILTRATION DETAILS			UTILITY CABINET(S)				
HOOD NO.	MARK	FIXTURE TYPE	QTY	FOOT CANDLES	TYPE / MODEL	QTY	SIZE (IN.)	LOCATION	FIRE SYSTEM	SIZE	MODEL	CONTROLS
		BULB / LAMP INFO			MATERIAL		L H		TYPE			INTERFACE
1	KH-3 DISH											

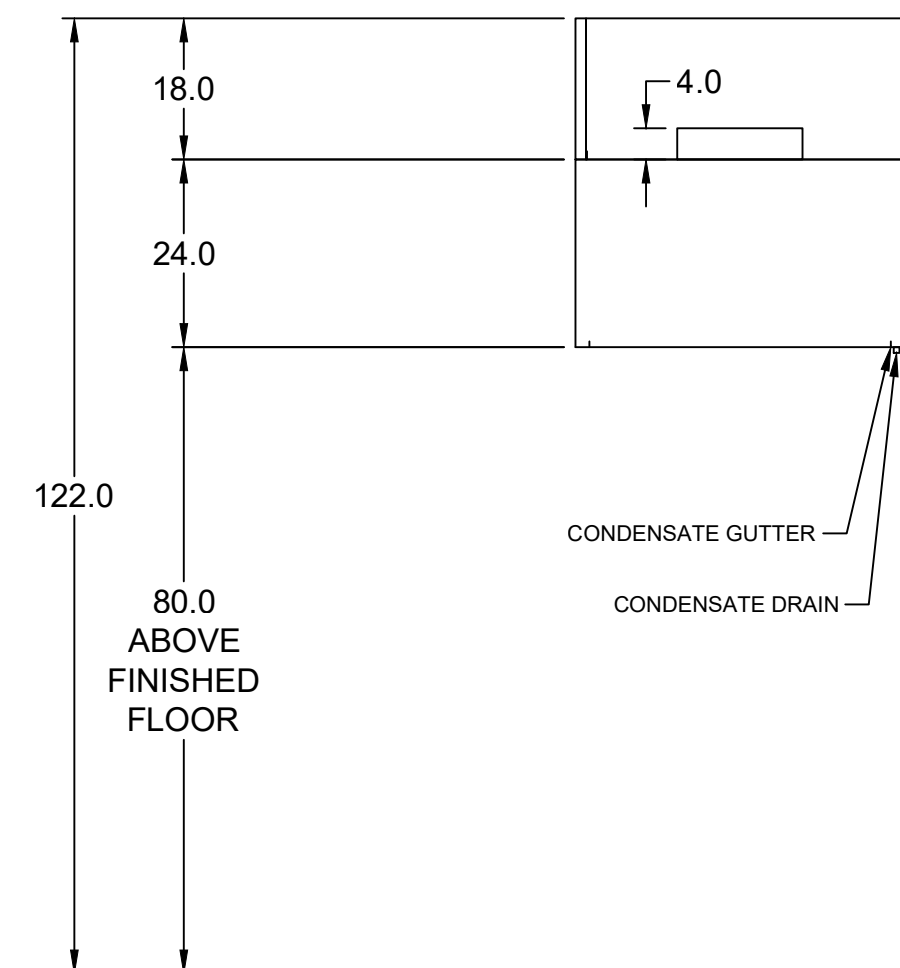
HOOD OPTIONS
18 IN HIGH CEILING ENCLOSURES - FRONT LEFT - FIELD INSTALLED
FACTORY MOUNTED EXHAUST COLLAR(S)



MARK: KH-3 Dish - SECTION 1
PLAN VIEW

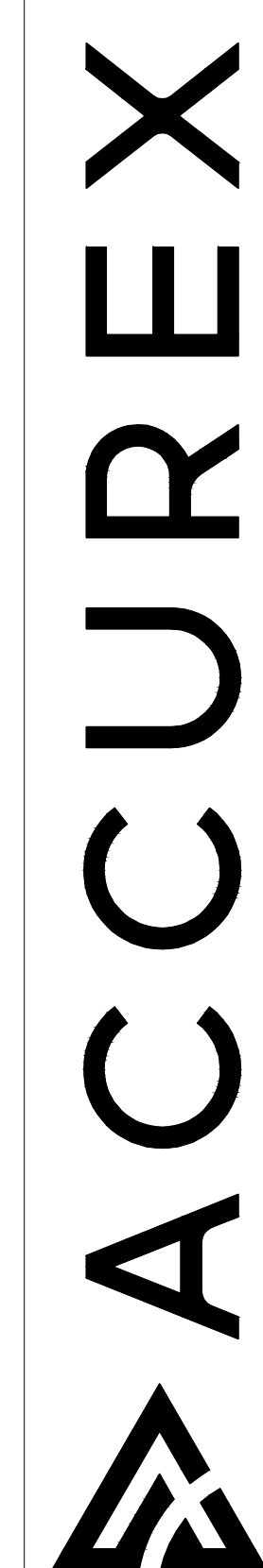


MARK: KH-3 Dish - SECTION 1
ELEVATION VIEW



MARK: KH-3 Dish
SECTION VIEW

PROJECT 3/9/2023
MARK
ACCUREX WESTERN PA WV
MIKE PARSLEY
MIKE.PARSLEY@ACCUREX.COM
(614)378-4350



KITCHEN SOCIAL -
MONTGOMERY, OH R2
KH-3 DISH



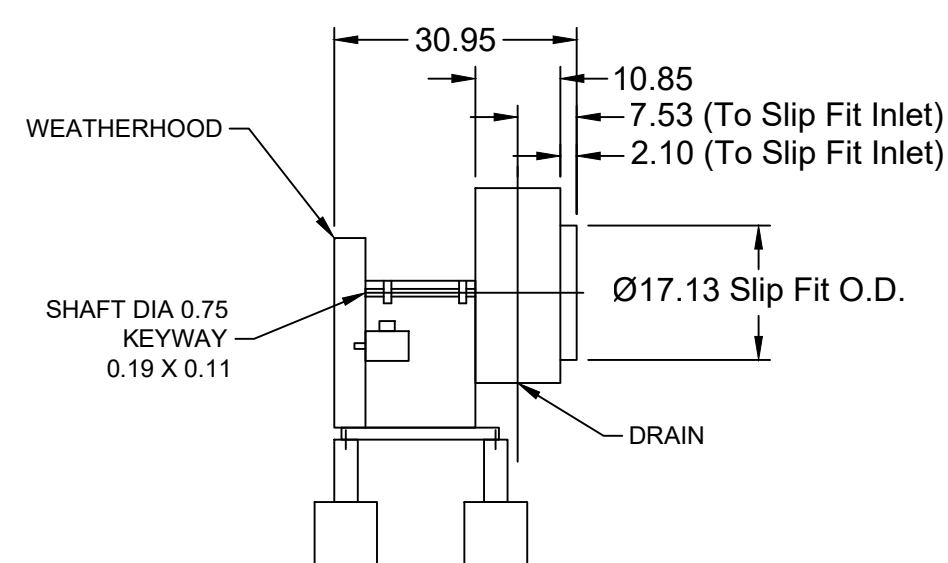
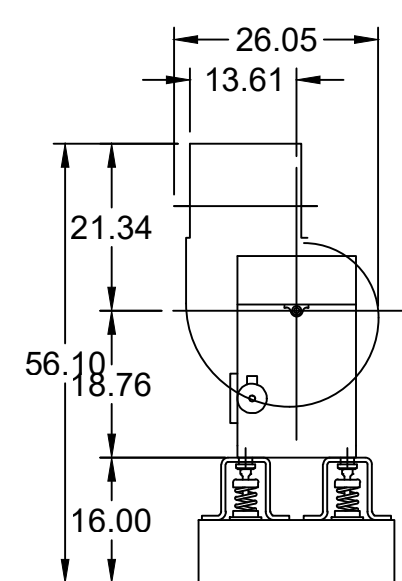
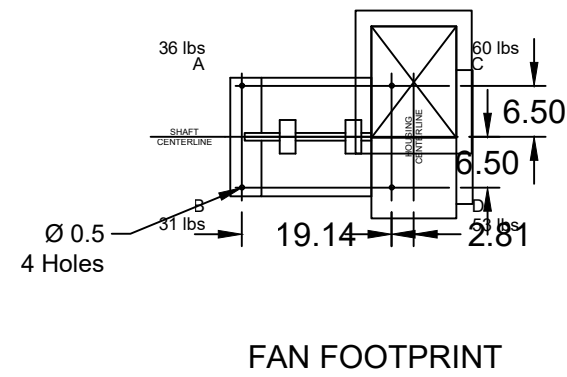
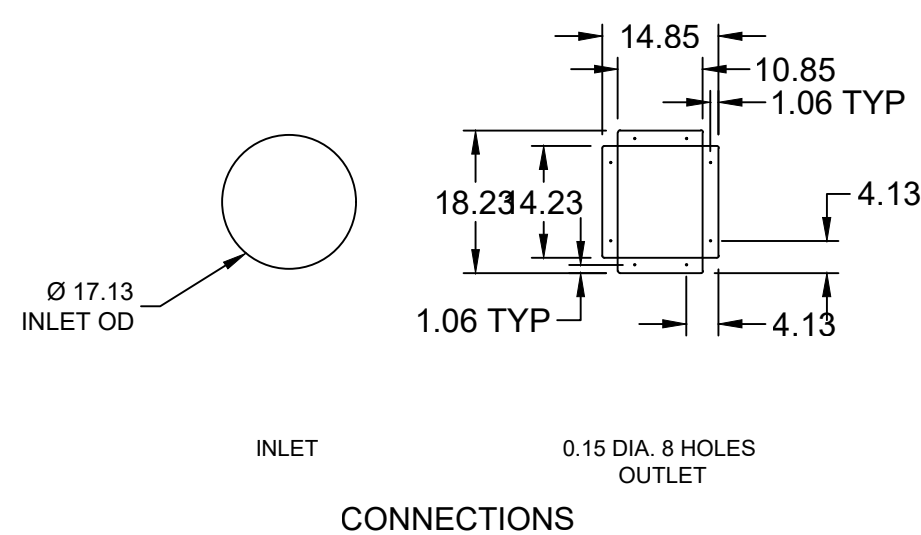
Universal Single Width Fan

KH-3 DISHWASH

MARK INFORMATION		FAN INFORMATION						MOTOR INFORMATION					
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1	EF-2 Dish	XUEF-13	1,350	0.751	1,390	0.35	175	0.75	115/60/1	OP	1725	1	13.8

*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"

EF-2 Dish : SELECTED OPTIONS AND ACCESSORIES	
Finish - Galvanized	
Galvanized Finish on Steel Components	
Switch - NEMA-3R, Toggle, For Indoor or Outdoor Use, Mounted and Wired	
Direct Mount Isolators, Isolator-Spring, Restrained, 2 Inch, Indoor / Outdoor Use, Base Coating - N/A	
Discharge Position - UB	
Bearings - L(10) Life of 80k Hours	
UL/cUL-705 - "Power Ventilators"	
Polished Steel Shaft	
Access Door - Bolted	
Damper, Gravity, WD-340, Galv. Blade, 10.7x14.4, Parallel, w/ Mill Finish	
Drain Connection - 1" Drain Hole, Unthreaded	
Inlet Connection, Slip Fit	
Outlet Flange, Punched	
Weatherhood - Galvanized Construction	
Inlet Guard - Inlet Guard, galvanized	
Extended Lube Lines - Nylon	



SIDE VIEW

*SIDE VIEW IS VIEWED FROM DRIVE SIDE

*FANS ARE SUBJECT TO ± 125 INCH TOLERANCE
*DUE TO CONTINUAL IMPROVEMENTS DIMENSIONS MAY CHANGE

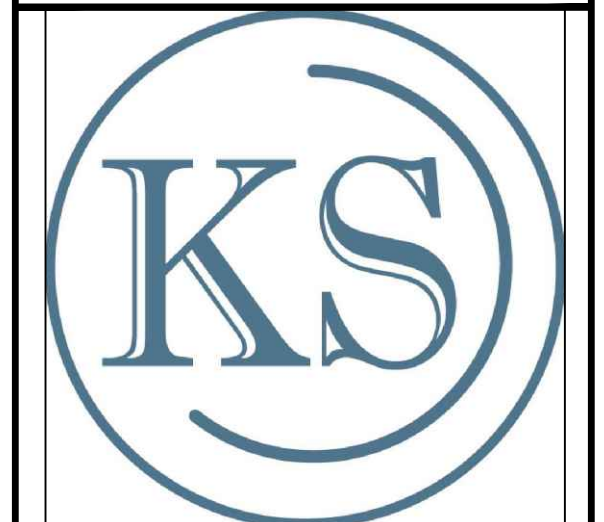
*OUTLET DIMENSION SHOWS FAN WITH DAMPER OPERATING CLEARANCE

END VIEW

PROJECT: 3/9/2023
MARK: KITCHEN SOCIAL - MONTGOMERY, OH R2

ACCUREX WESTERN PA WV
MIKE PARSLEY
MIKE.PARSLEY@ACCUREX.COM
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ACCUREX



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DRAWN BY: S. KNAPP

DATE: 2023-03-24

HOOD 10

FSE-7.10