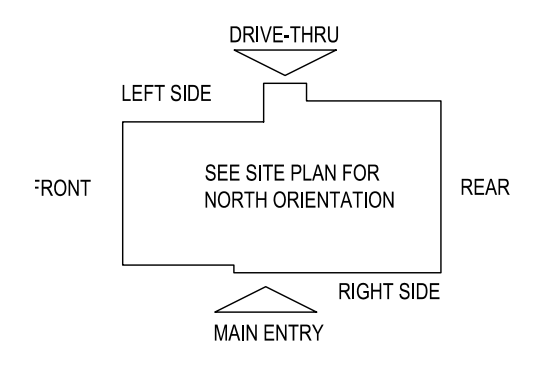


**E5 HVAC PLAN**  
SCALE: 1/4" = 1'-0"



NOTE: ALL DUCTWORK TO BE LOCATED IN TRUSS SPACE WHERE POSSIBLE. SEE FRAMING PLAN.  
HVAC SETPOINTS RECOMMENDED BY CORPORATE OPERATIONAL GUIDELINES:  
1. DINING: HEATING 70°, COOLING 72°  
2. KITCHEN: HEATING 66°, COOLING 74°  
ALL MECHANICAL ROOF EQUIPMENT REQUIRE STRAPS TO RESIST THE WIND PRESSURES DETERMINED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, BUILDING. SEE STRUCTURAL PLANS FOR SPECIFICATIONS.

SUPPLY DUCTWORK SIZING TABLE*			
ROUND		RECTANGULAR	
SIZE	CFM RANGE	SIZE	CFM RANGE
8"	115 - 235	8"x8"	205 - 300
10"	240 - 435	10"x8"	305 - 400
12"	440 - 710	10"x10"	405 - 550
14"	715 - 1,070	12"x10"	555 - 700
16"	1,075 - 1,530	12"x12"	705 - 900
18"	1,535 - 2,090	14"x12"	905 - 1,105
20"	2,095 - 2,760	16"x12"	1,110 - 1,315
22"	2,765 - 3,550	18"x12"	1,320 - 1,520
24"	3,555 - 4,470	20"x12"	1,525 - 1,740
*CONTRACTOR MAY SUBSTITUTE RECTANGULAR FOR ROUND DUCTWORK ON MAIN RUNS AT THEIR DISCRETION. BRANCHES TO DIFFUSERS TO REMAIN ROUND.			
		22"x12"	1,745 - 1,950
		24"x12"	1,955 - 2,170
		26"x12"	2,175 - 2,400
		28"x12"	2,405 - 2,610
		30"x12"	2,615 - 2,840
		32"x12"	2,845 - 3,070
		34"x12"	3,075 - 3,290
		36"x12"	3,295 - 3,520
		36"x14"	3,525 - 4,420

DIFFUSER, REGISTER, AND GRILLE SCHEDULE									
TAG	SERVICE	TYPE	MATERIAL	THROW	FACE	NECK	MOUNTING	MANUFACTURER/MODEL	Notes
SD-1	SUPPLY	LOUVERED	STEEL	4-WAY	24X24	SEE PLAN	LAY-IN	RAYMON PRO2	2.4
SD-2 - NOT USED									
SD-3	SUPPLY	LOUVERED	STEEL	3-WAY	12X12	SEE PLAN	SURFACE	RAYMON PRO2/QMF/DAG	2.4
SD-4	SUPPLY	LOUVERED	STEEL	4-WAY	12X12	SEE PLAN	SURFACE	RAYMON PRO2/QMF	2.4
SD-5	SUPPLY	PERFORATED	STEEL	PERFORATED	24X24	SEE PLAN	LAY-IN	RAYMON RPR	2.4
RG-1	RETURN	SQUARE EGGRATE	ALUMINUM	N/A	24X24	22x22	LAY-IN	RAYMON RGEC-TB1	2.3, 4
EG-1	RETURN	LOUVERED GRILLE	ALUMINUM	N/A	12X12	SEE PLAN	SURFACE	RAYMON RA-HVD	1.2, 4
TG-1	TRANSFER	LOUVERED GRILLE	ALUMINUM	N/A	SEE PLAN	SEE PLAN	SURFACE	RAYMON RA-RH	2.4
DIFFUSER NOTES:									
1. PROVIDE w/ ADJUSTABLE OPPOSED BLADE DAMPER									
2. VERIFY ALL DIFFUSERS AND RETURN GRILLE COLORS WITH OWNER AND ARCHITECT									
3. PROVIDE w/ 22X22 PLENUM BOX.									
4. ALL DIFFUSERS AND RETURNS LOCATED IN BLACK CEILING SHALL BE FLAT BLACK FINISH.									

FOR QUESTIONS, CALL THE  
 Florida National Accounts  
 REGION 60  
 PHONE: (407) 682 - 3100  
 EMAIL: reg60@captiveaire.com

**HOOD INFORMATION - JOB#7595304**

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)				HOOD CONSTRUCTION	HOOD CONFIG				
										WIDTH	LENG	HEIGHT	DIA		CFM	VEL	SP	END TO END	RDW
1	FRYER HOOD	3347 BD-2	CAPTIVEAIRE	7' 0"	600 DEG	I	HEAVY	214	1500			4'	12"	1500	1910	-1.090'	430 SS WHERE EXPOSED	ALONE	ALONE
2	GRIDDLE HOOD	3347 BD-2	CAPTIVEAIRE	5' 6"	600 DEG	I	HEAVY	273	1500			4'	12"	1500	1910	-1.412'	430 SS WHERE EXPOSED	ALONE	ALONE

**HOOD INFORMATION**

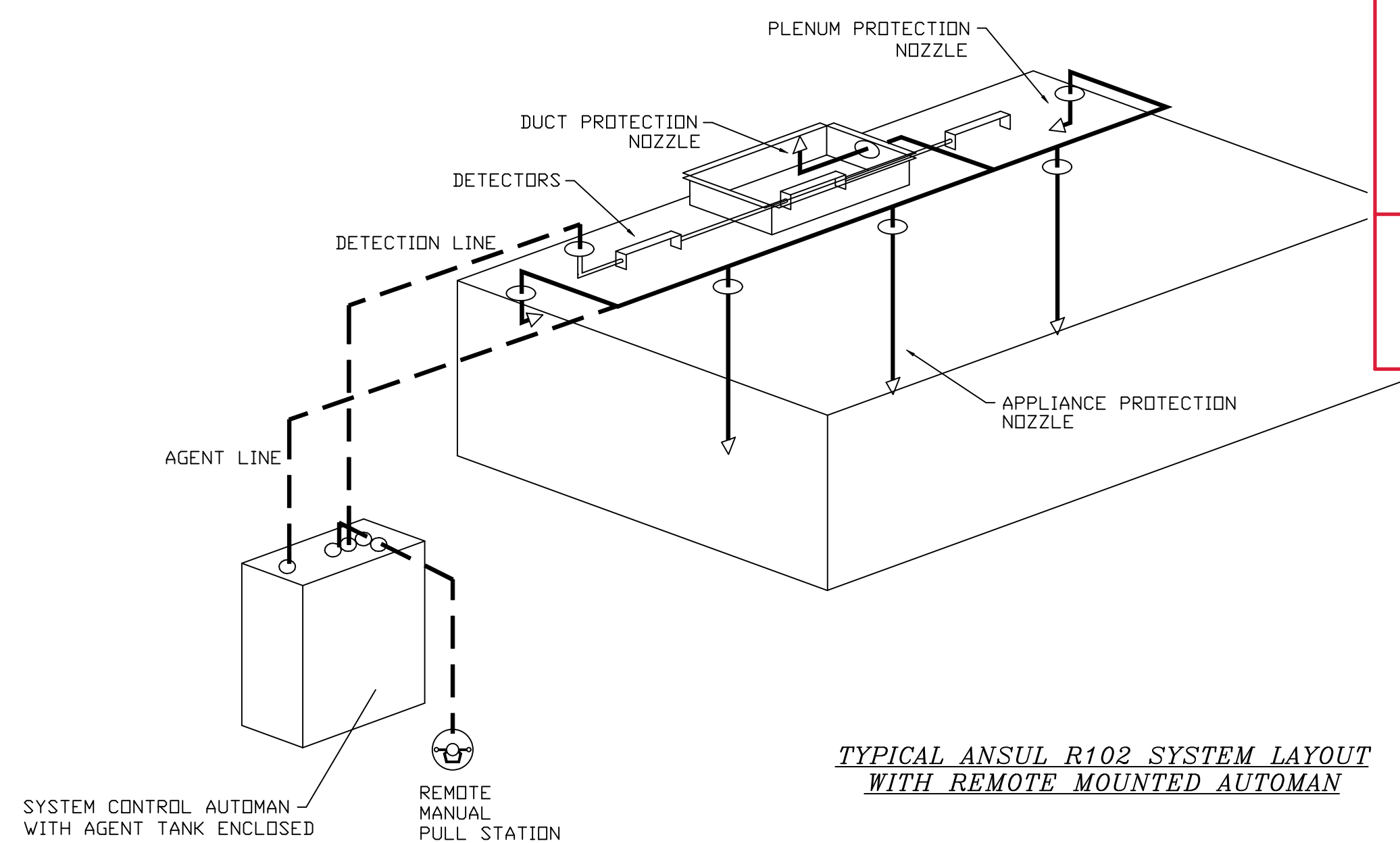
HOOD NO	TAG	FILTER(S)				LIGHT(S)				UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WEIGHT	
		TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM	ELECTRICAL			SWITCHES
1	FRYER HOOD	CAPTRATE SOLO FILTER	5	16"	16"	85% SEE FILTER SPEC	3	L55 SERIES E26	NO						NO	282 LBS
2	GRIDDLE HOOD	CAPTRATE SOLO FILTER	4	16"	16"	85% SEE FILTER SPEC	3	L55 SERIES E26	NO						NO	235 LBS

**HOOD OPTIONS**

HOOD NO	TAG	OPTION
1	FRYER HOOD	FIELD WRAPPER 14.00' HIGH FRONT, LEFT, RIGHT.
		RIGHT QUARTER END PANEL 23' TOP WIDTH, 0' BOTTOM WIDTH, 23' HIGH 430 SS.
		LEFT QUARTER END PANEL 23' TOP WIDTH, 0' BOTTOM WIDTH, 23' HIGH 430 SS.
		SENSOR-CV.
2	GRIDDLE HOOD	FIELD WRAPPER 14.00' HIGH FRONT, LEFT, RIGHT.
		RIGHT QUARTER END PANEL 23' TOP WIDTH, 0' BOTTOM WIDTH, 23' HIGH 430 SS.
		LEFT QUARTER END PANEL 23' TOP WIDTH, 0' BOTTOM WIDTH, 23' HIGH 430 SS.
		SENSOR-CV.

**FIRE SYSTEM INFORMATION - JOB#6346059**

FIRE SYSTEM NO	TAG	TYPE	SIZE	MAX FP	DESIGN FP	INSTALLATION	
						SYSTEM	LT
1		ANSUL R102	3.0/3.0	22	14	WALL MOUNT LEFT	
2		ANSUL R102	3.0	11	6	WALL MOUNT LEFT	



**SPECIFICATION: CAPTRATE® GREASE-STOP® SOLO FILTER**

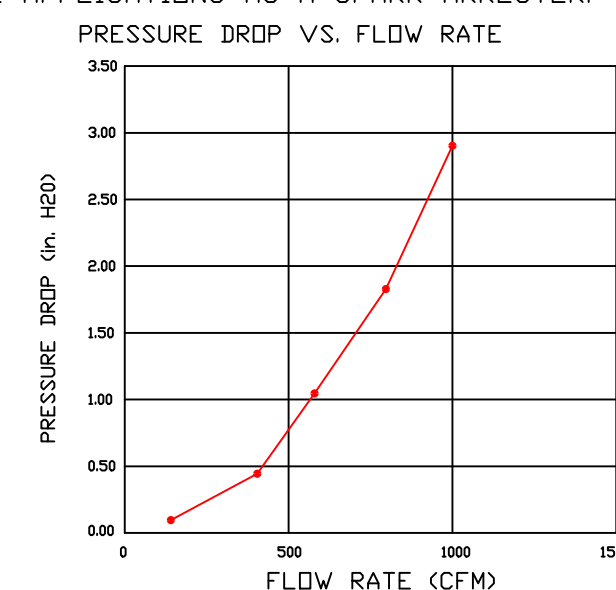
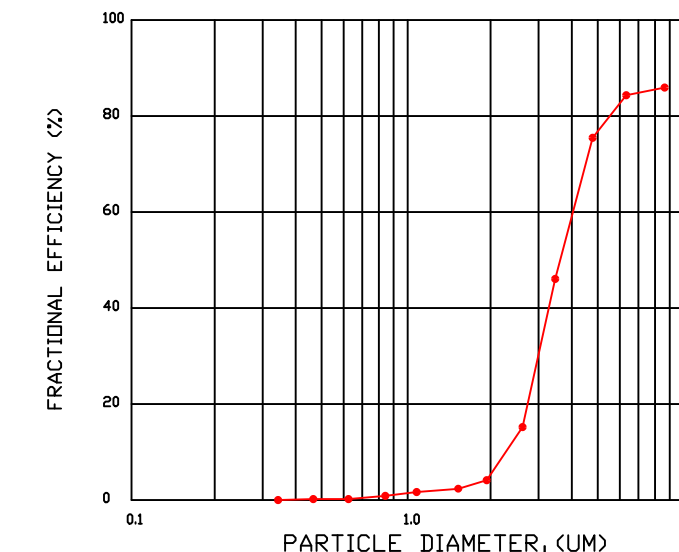
THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-Baffle DESIGN IN CONJUNCTION WITH A SLOTTED REAR Baffle DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

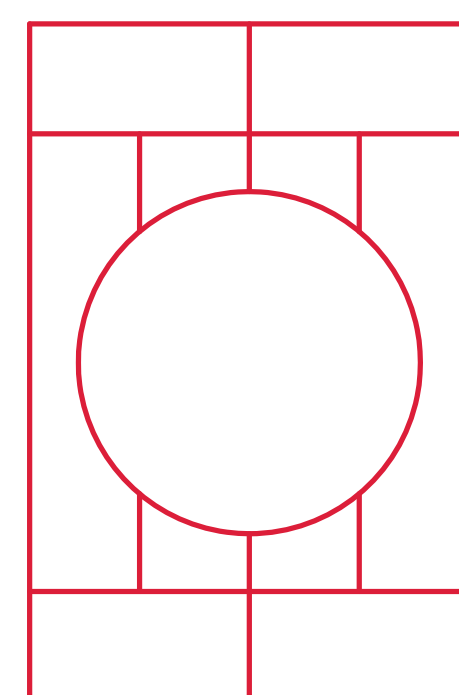
THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER. EFFICIENCY VS. PARTICLE DIAMETER



CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:  
 NFPA #96.  
 NSF STANDARD #2.  
 UL STANDARD #1046.  
 INT. MECH. CODE (IMC).  
 ULC-S649.



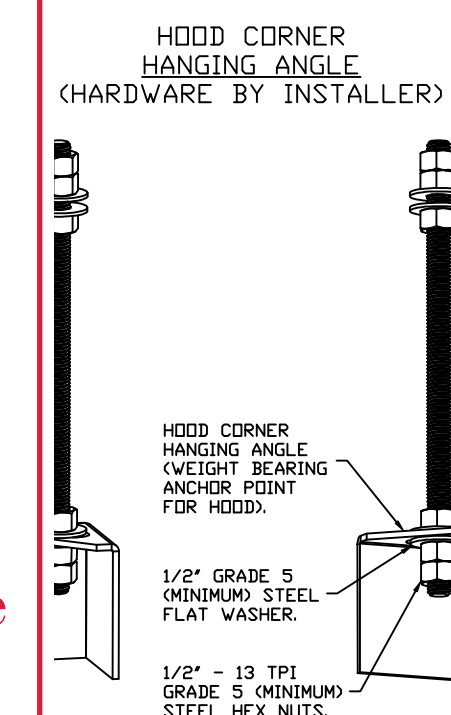
**OLLMANN ERNEST MARTIN ARCHITECTS**



- REVIEWED WITHOUT COMMENT
- REVIEWED AS NOTED
- REVISE AND RESUBMIT

This review is advisory only and applies to design arrangement and interpretation. This review shall not be construed as relieving the contractor from compliance with the contract documents, nor does it relieve the contractor of responsibility for accuracy of details, dimensions or quantities, changes in contract requirements can not be made via shop drawing review, but only by properly executed change order.

By: Bill Kushner Date: 6-24-25



**ASSEMBLY INSTRUCTIONS**

MUST BE SUPPORTED WITH 1/2" - 13 TPI M) ALL-THREAD. SANDWICH HANGING ANCHOR POINTS WITH 1/2" GRADE 5 FLAT WASHERS AND 1/2" - 13 TPI M) HEX NUTS AS SHOWN. MUST USE T CONFIGURATION BENEATH HOOD HANGING VE CEILING ANCHORS. MAINTAIN 1/4" OF S BENEATH BOTTOM HEX NUT. TORQUE 57 FT-LBS.

**SYSTEM DESIGN VERIFICATION (SDV)**

IF ORDERED, CAS SERVICE WILL PERFORM A SYSTEM DESIGN VERIFICATION (SDV) ONCE ALL EQUIPMENT HAS HAD A COMPLETE START UP PER THE OPERATION AND INSTALLATION MANUAL. TYPICALLY, THE SDV WILL BE PERFORMED AFTER ALL INSPECTIONS ARE COMPLETE.

ANY FIELD RELATED DISCREPANCIES THAT ARE DISCOVERED DURING THE SDV WILL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND CORRESPONDING TRADES ON SITE. THESE ISSUES WILL BE DOCUMENTED AND FORWARDED TO THE APPROPRIATE SALES OFFICE. IF CAS SERVICE HAS TO

RESOLVE A DISCREPANCY THAT IS A FIELD ISSUE, THE GENERAL CONTRACTOR WILL BE NOTIFIED AND BILLED FOR THE WORK. SHOULD A RETURN TRIP BE REQUIRED DUE TO ANY FIELD RELATED DISCREPANCY THAT CANNOT BE RESOLVED DURING THE SDV, THERE WILL BE ADDITIONAL TRIP CHARGES.

DURING THE SDV, CAS SERVICE WILL ADDRESS ANY DISCREPANCY THAT IS THE FAULT OF THE MANUFACTURER. SHOULD A RETURN TRIP BE REQUIRED, THE GENERAL CONTRACTOR AND APPROPRIATE SALES OFFICE WILL BE NOTIFIED. THERE WILL BE NO ADDITIONAL CHARGES FOR MANUFACTURER DISCREPANCIES.

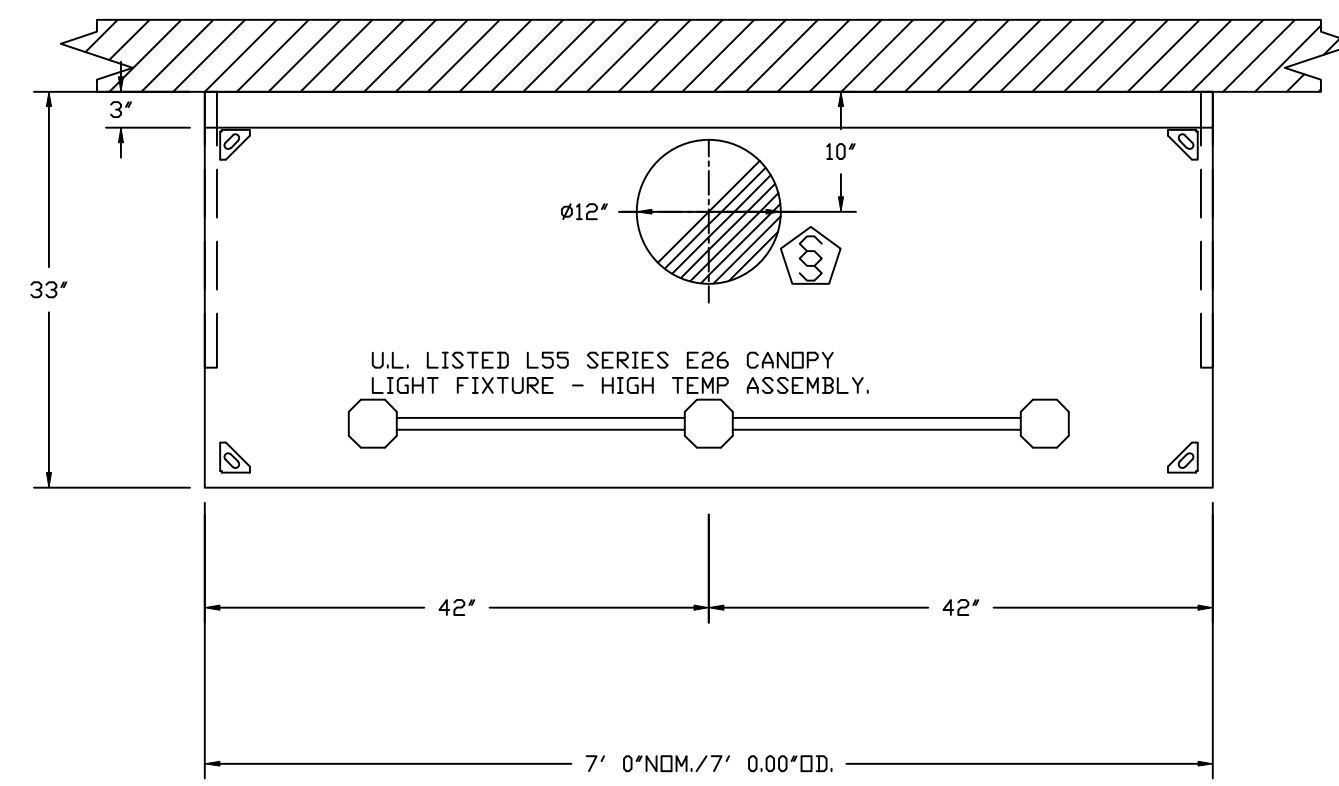
REVISIONS	
DESCRIPTION	DATE

Florida National Accounts  
 239 N Hunt Club Blvd., STE 201, Longwood, FL 32779  
 PHONE: (407) 682 - 3100 FAX: 9192275913 EMAIL: reg60@captiveaire.com

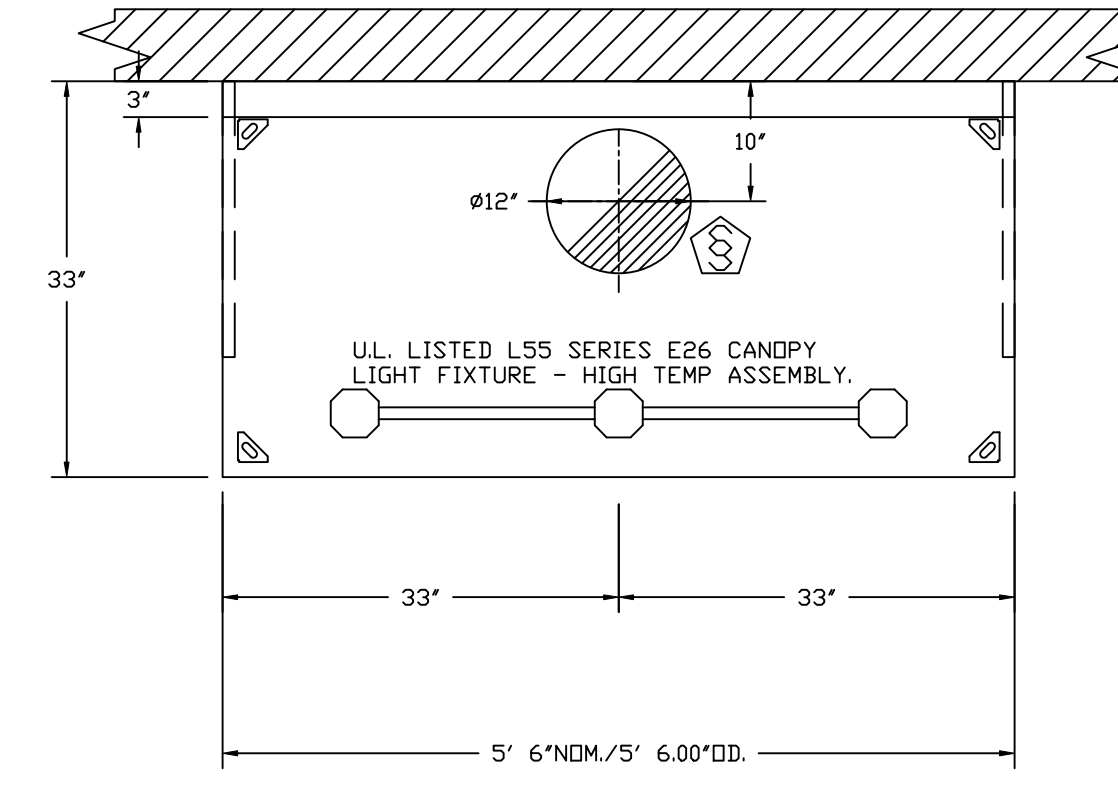
CULVERS CLEWISTON FL  
 Clewiston, FL, 33440

DATE: 6/20/2025  
 DWG.#: 7595304  
 DRAWN BY: sluddy jr  
 SCALE: 3/4" = 1'-0"  
 MASTER DRAWING

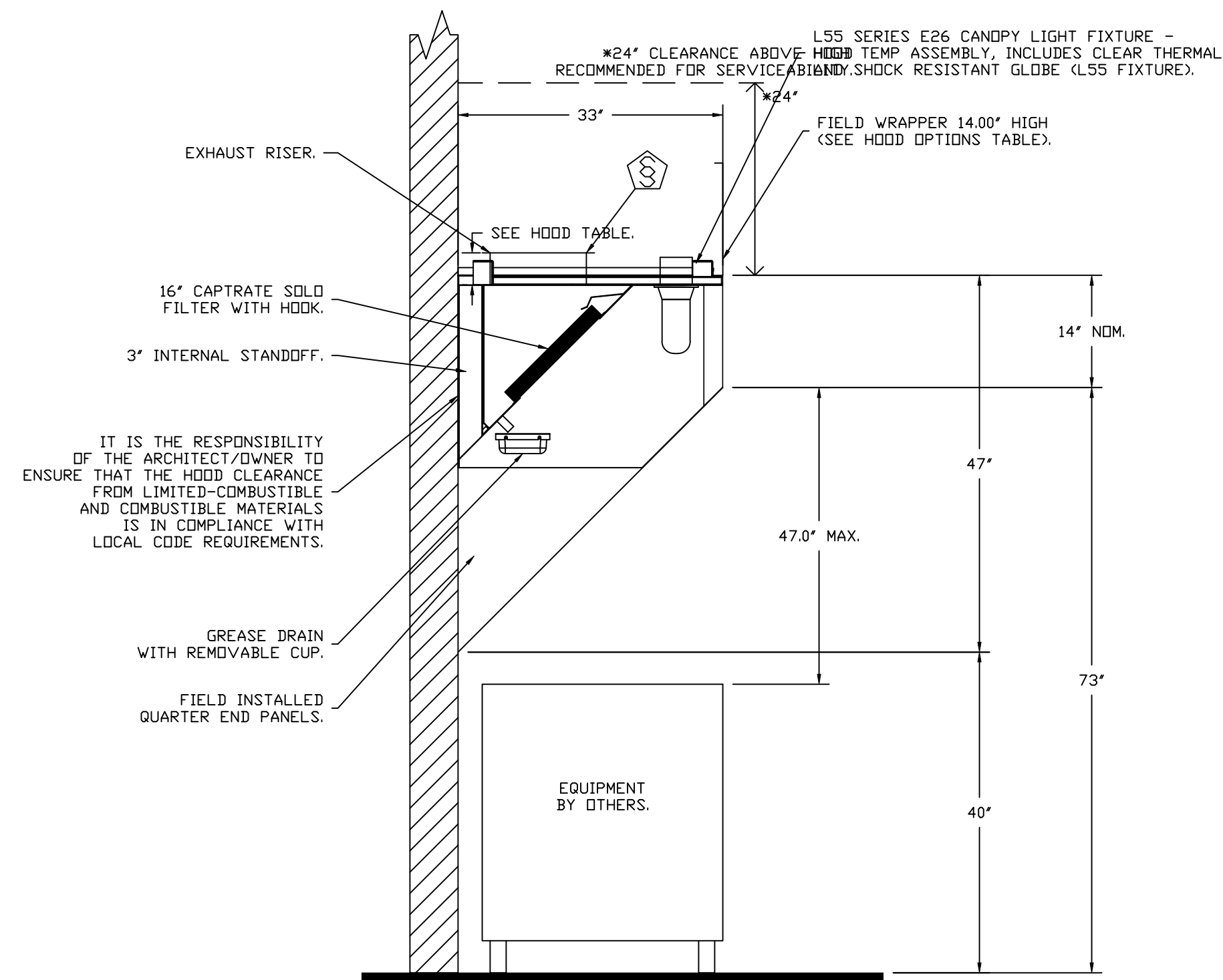
**SHEET NO.**  
1



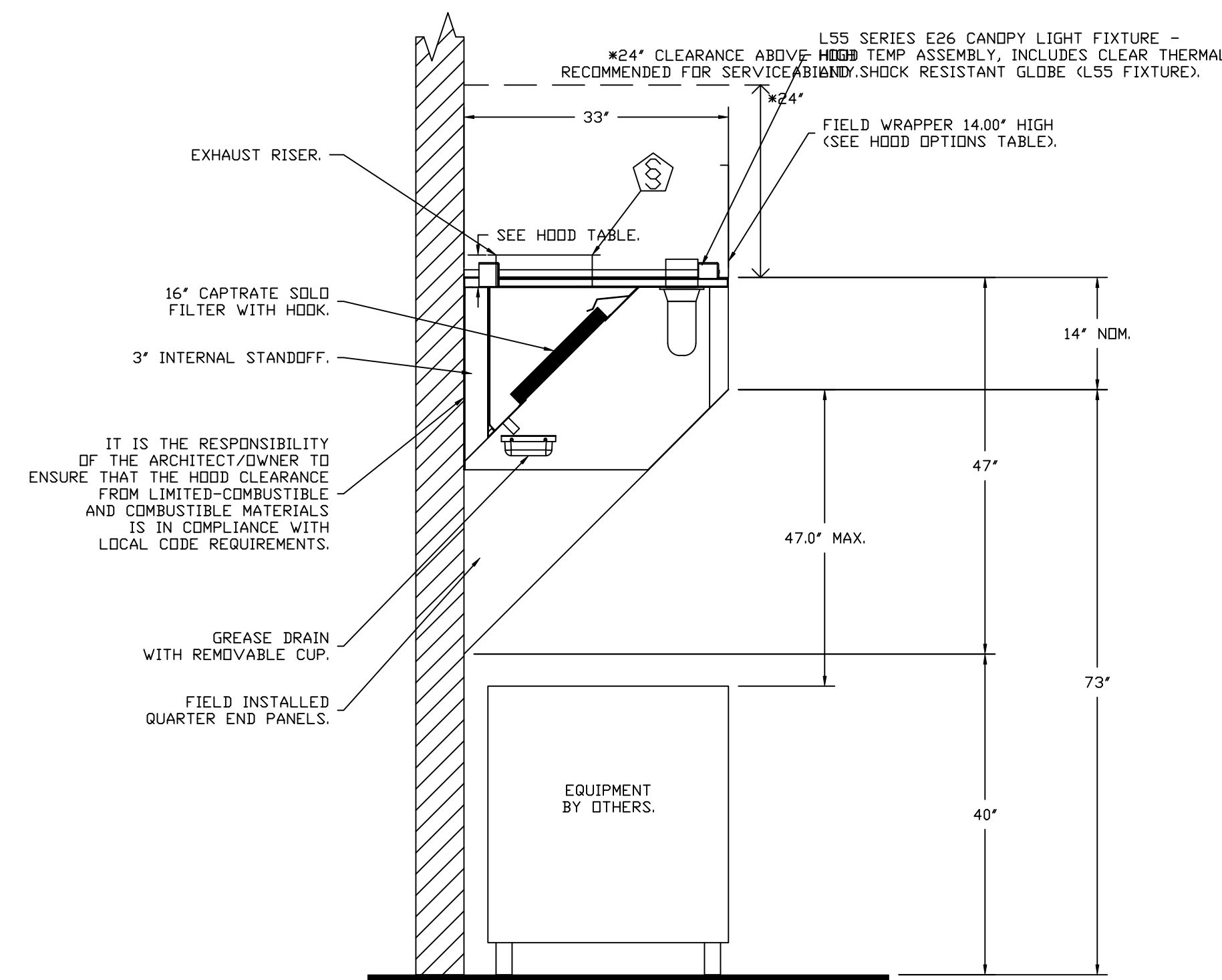
PLAN VIEW - HOOD #1 (FRYER HOOD)  
7' 0.00" LONG 3347BD-2



PLAN VIEW - HOOD #2 (GRIDDLE HOOD)  
5' 6.00" LONG 3347BD-2



SECTION VIEW - MODEL 3347BD-2  
HOOD - #1 (FRYER HOOD)



SECTION VIEW - MODEL 3347BD-2  
HOOD - #2 (GRIDDLE HOOD)

REVISIONS	
DESCRIPTION	DATE

**CAPTIVE**

Florida National Accounts  
www.captiveaire.com  
239 N Hunt Club Blvd., STE 201, Longwood, FL 32779 PHONE: (407) 682-3100 FAX: 9192275913 EMAIL: reg60@captiveaire.com

CULVERS CLEWISTON FL  
Clewiston, FL, 33440

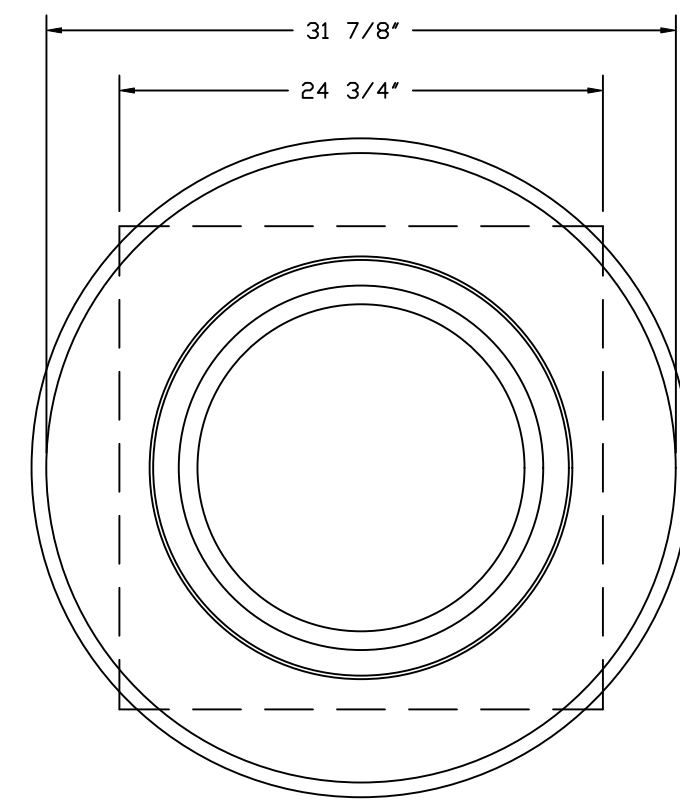
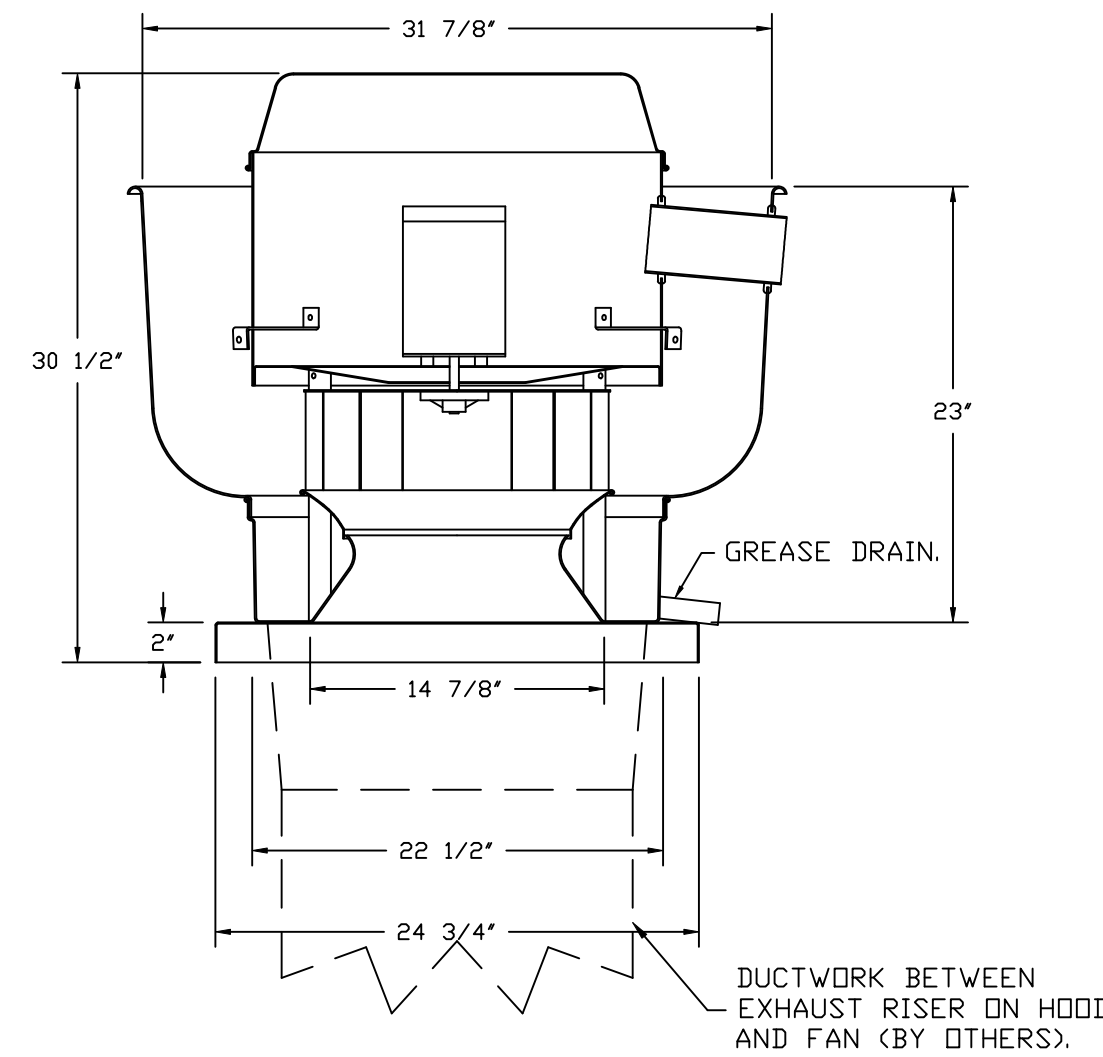
DATE: 6/20/2025  
DWG.#: 7595304  
DRAWN BY: sluddy jr  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING

SHEET NO.  
2

**EXHAUST FAN INFORMATION – JOB#7595304**

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SDNES
1	PRV-1 RESTROOM	1	DR12HFA	CAPTIVEAIRE	400	0.500	1399	TEAO-ECM	0.250	0.1180	1	115	2.9		53	7.4
2	PRV-2	1	DU85HFA	CAPTIVEAIRE	1500	1.412	1406	TEAO-ECM	1.000	0.5330	1	115	11.6	475 FPM	94	12.3
3	PRV-3	1	DU85HFA	CAPTIVEAIRE	1500	1.250	1348	TEAO-ECM	1.000	0.4700	1	115	11.6	475 FPM	94	11.3
4	EF-1	1	CFA 100CA	CAPTIVEAIRE	75	0.125	493	GENERALPURPOSE	0.116	0.0510	1	115	1.1		26	N/A

FANS #2 (PRV-2), #3 (PRV-3) – DU85HFA EXHAUST FAN



TOP VIEW

**FEATURES:**

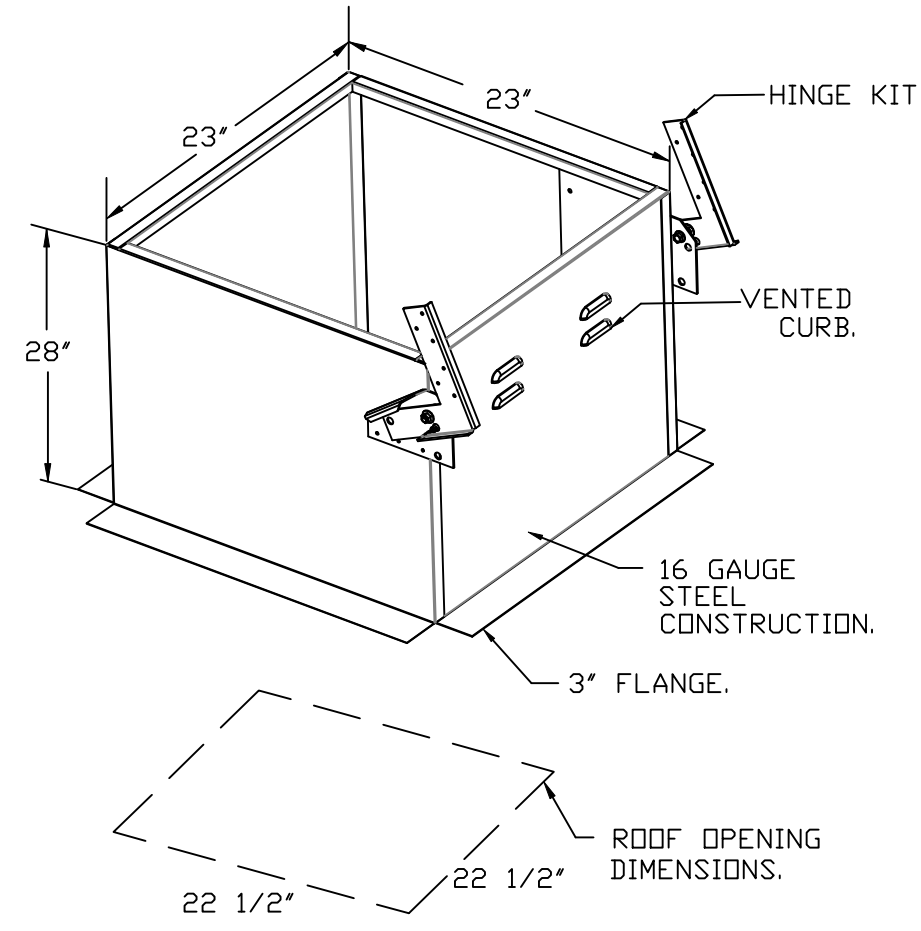
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.

**NORMAL TEMPERATURE TEST**  
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

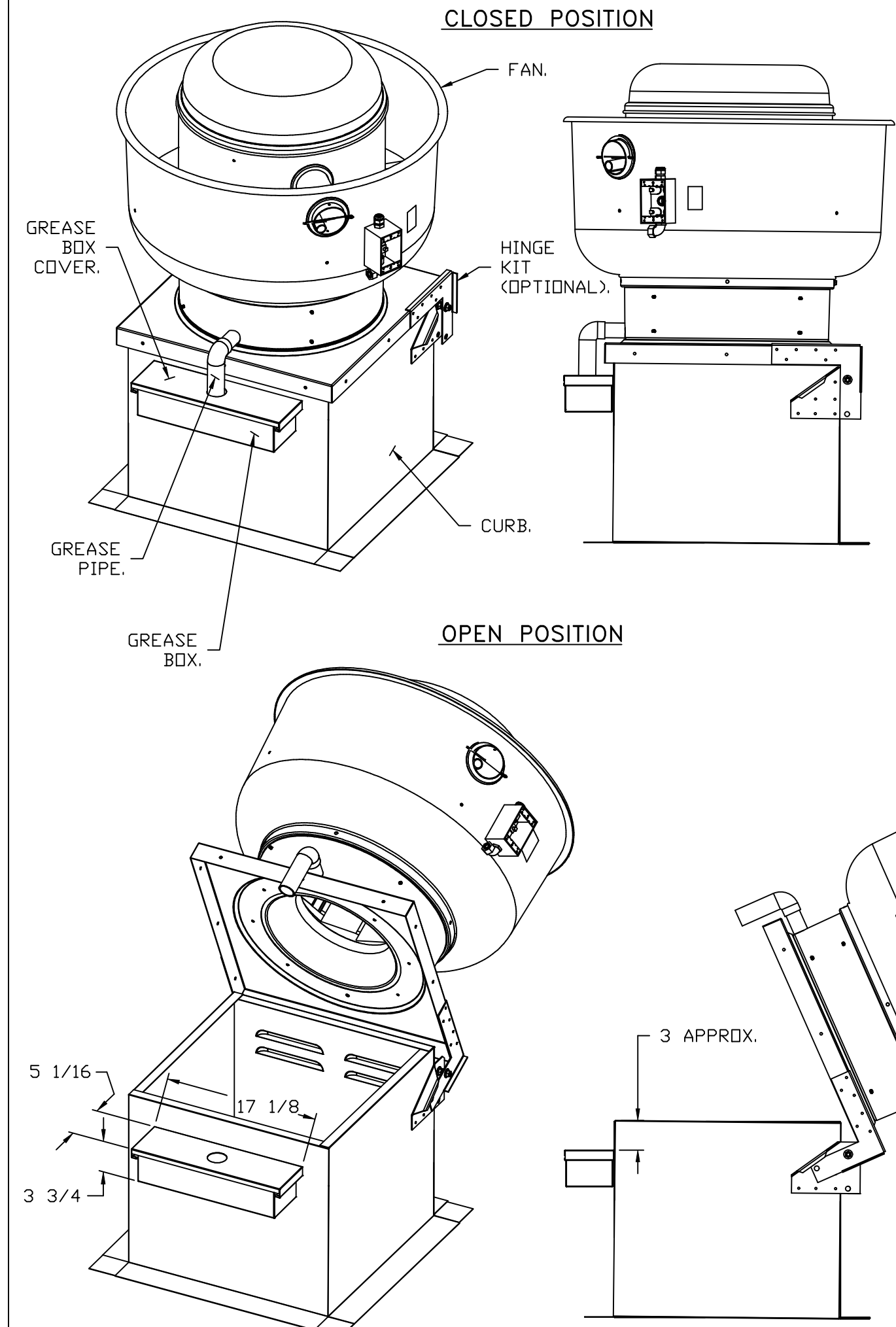
**ABNORMAL FLARE-UP TEST**  
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

**OPTIONS**

- GREASE BOX.
- ECM WIRING PACKAGE – MANUAL OR 0-10VDC REFERENCE SPEED CONTROL.
- RTC – (THERM MOTOR), CCM ROTATION.
- FAN BASE CERAMIC SEAL – DU/DR85HFA.
- SHIP LOOSE – FOR GREASE DUCTS.
- MIAMI DADE CERTIFICATION – NDA-1 ALUMINUM UPBLAST.
- 2 YEAR PARTS WARRANTY.



**GREASE BOX INSTALLATION**

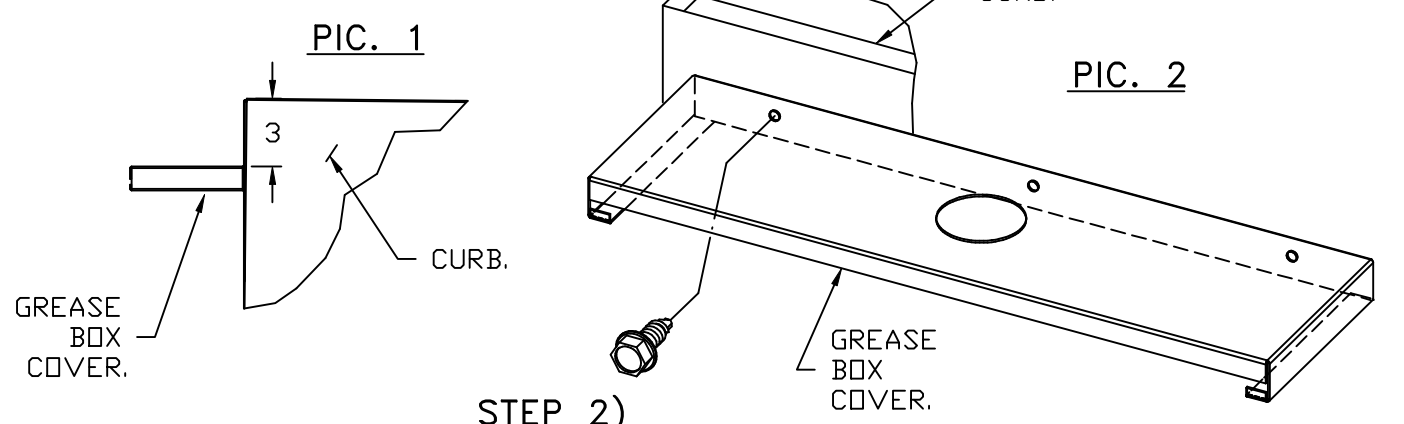


**PARTS INCLUDED**

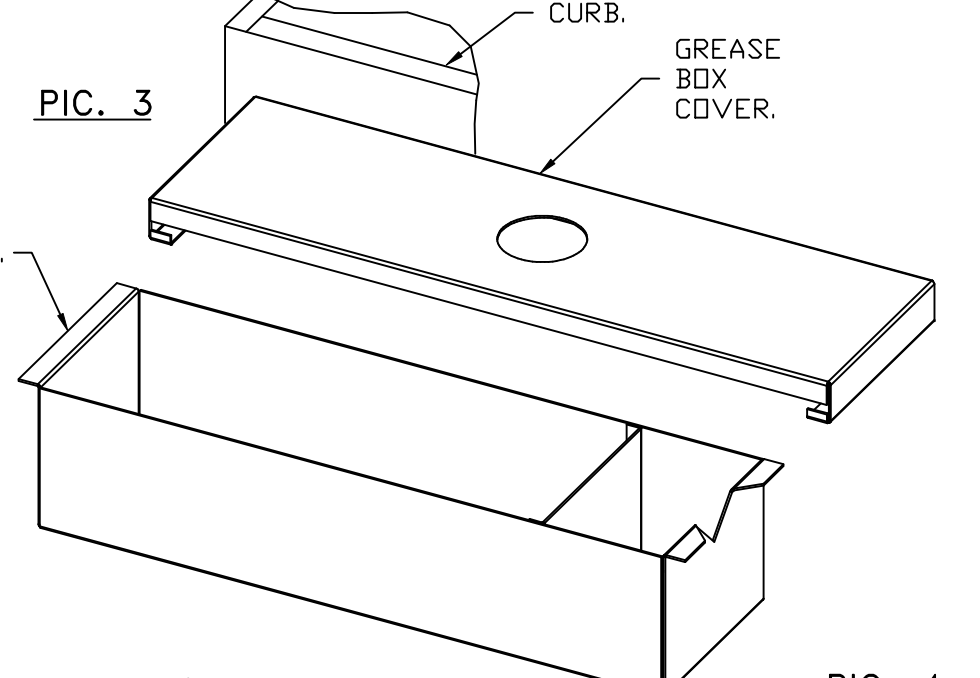
- GREASE BOX.
- GREASE BOX COVER.
- GREASE PIPE.
- SHEET METAL SCREWS  
3 – LONG (3/4" LG.).

**GREASE BOX FIELD INSTALLATION**

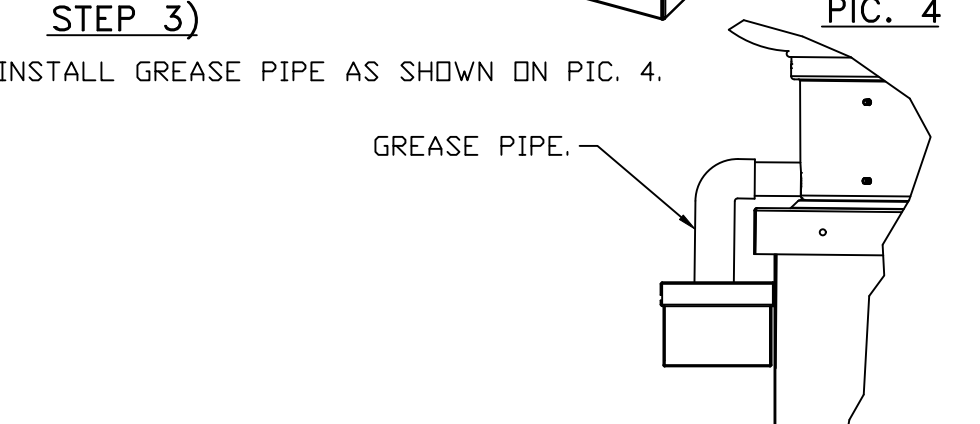
**STEP 1)**  
ATTACH GREASE BOX COVER TO THE CURB, HOLD 3" DIMENSION AS SHOWN ON PIC. 1. SCREW GREASE BOX COVER TO CURB USING (3) LONG (3/4" LG.) SCREWS AS SHOWN ON PIC. 2.



**STEP 2)**  
ATTACH GREASE BOX TO GREASE BOX COVER, SLIDE AND DROP. AS SHOWN ON PIC. 3.



**STEP 3)**  
INSTALL GREASE PIPE AS SHOWN ON PIC. 4.



\*NOTE: UL 705 INSTALL.

**REVISIONS**

NO.	DESCRIPTION	DATE

**CAPTIVEAIRE**  
www.captiveaire.com  
Florida National Accounts  
239 N Hunt Club Blvd., STE 201, Longwood, FL 32779 PHONE: (407) 882-3100 FAX: 9192275913 EMAIL: reg60@captiveaire.com

CULVERS CLEWISTON FL  
Clewiston, FL, 33440

DATE: 6/20/2025  
DWG.#: 7595304  
DRAWN BY: studdy jr  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING

**SHEET NO.**  
3

DOAS/RTU FAN SCHEDULE -- JOB#7595304

FAN INFORMATION										ELECTRICAL INFORMATION				COOLING INFORMATION						REHEAT INFORMATION				ELECTRIC HEAT INFORMATION				AEL MINIMUM ROOM VOLUME			NOTES									
FAN UNIT NO	TAG	QTY	DOAS/RTU MODEL #	MANUFACTURER	BLOWER	RETURN AIR CFM	MAX OUTSIDE AIR CFM	TOTAL CFM	WEIGHT (LBS)	ESP	HP	PHASE	VOLT	MCA	MDCP	OUTSIDE AIR DB	MIXED AIR DB	LEAVING AIR DB	CAPACITY TOTAL	SENS.	IEER	ISMRE2	DISCHARGE DB	W/B	DESIRED	MAX	MOISTURE REMOVAL RATE	DSGN KW'S	MAX KW'S	VOLTS		AMPS	TEMP RISE	ROOM AREA (FT <sup>2</sup> )	AIRFLOW (CFM)	HEIGHT (FT)				
5	RTU-1 DINING ROOM	1	CAS-HVAC3-E452-24-20T	CAPTIVEAIRE	24MF-3-RTU	4400	1750	6150	2699	0.750	10.00	3	208	144A	150A	90.0°F	82.0°F	79.2°F	68.6°F	54.9°F	54.9°F	55.0°F	256.1 MBH	160.7 MBH	18.2	7.9	70.0°F	60.8°F	104.2 MBH	129.6 MBH	89.2 LBS/HR	38	45	240	108.3	19' F	572.7	1031	7.2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20
6	RTU-2 KITCHEN	1	CAS-HVAC3-E302-24-20T	CAPTIVEAIRE	24MF-3-RTU	4425	1725	6150	2694	0.750	10.00	3	208	107.9A	125A	90.0°F	82.0°F	79.2°F	68.6°F	54.9°F	54.9°F	55.0°F	256.1 MBH	160.7 MBH	18.2	7.9	70.0°F	60.8°F	104.2 MBH	129.6 MBH	89.2 LBS/HR	30	30	240	72.2	15' F	572.7	1031	7.2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20

NOTES:  
 1. INVERTER SCROLL COMPRESSOR WITH INTEGRATED OIL SENSOR. DIGITAL OR STAGED SCROLL NOT AN APPROVED EQUAL  
 2. DIRECT DRIVE PLENUM BLOWER. BELT DRIVEN BLOWERS ARE NOT ACCEPTABLE  
 3. INTEGRATED MONITORING VIA CELLULAR CONNECTION BY MANUFACTURER  
 4. REFRIGERATION PRESSURE MONITORING ON HIGH AND LOW PRESSURE SIDE OF SYSTEM INCLUDED THROUGH DIGITAL INTERFACE  
 5. EC MOTOR CONDENSING FANS  
 6. ELECTRONIC EXPANSION VALVE. TXV NOT ACCEPTABLE  
 7. SUCTION LINE ACCUMULATOR  
 8. FACTORY COMMISSIONING WITH 5 YEAR PARTS WARRANTY  
 9. AVERAGING INTAKE, EVAP AND DISCHARGE TEMPERATURE SENSORS (DISCHARGE SENSOR TO BE FACTORY MOUNTED WITHIN UNIT)  
 10. 2" EXTERIOR DUAL-WALL CONSTRUCTION W/ R-13 INSULATION-MINIMUM 20GA EXTERIOR W/ 14GA BASE  
 11. SUPPLY CFM MONITORING INTEGRAL TO UNIT WITH CFM MEASUREMENT INCLUDED THROUGH DIGITAL INTERFACE  
 12. FULLY MODULATING HOT GAS REHEAT  
 13. 15 DEGREE LDW AMBIENT OPERATION  
 14. MIAMI DADE RATED  
 15. HAIL GUARD FOR CONDENSING COIL  
 16. RTU ECONDMIZER WITH FIXED ENTHALPY CONTROL  
 17. BAROMETRIC RELIEF DAMPER  
 18. DOWN DISCHARGE/DOWN RETURN  
 19. SINGLE POINT POWER CONNECTION FOR UNIT & ELECTRIC HEATER  
 20. MINIMUM ROOM AREA ASSUMED 7.2' SUPPLY DIFFUSER HEIGHT AND IS CALCULATED PER UL60335-2-40 4TH ED. VALUES BASED ON FACTORY CHARGE. ACTUAL SITE CHARGE MAY DIFFER.

FAN ACCESSORIES

FAN UNIT NO	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1	PRV-1 RESTROOM		YES					
2	PRV-2	YES						
3	PRV-3	YES						
4	EF-1							

CURB ASSEMBLIES

NO	DN FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	PRV-1 RESTROOM	16 LBS	CURB	17.500"W X 17.500"L X 12.000"H
2	# 2	PRV-2	78 LBS	CURB	23.000"W X 23.000"L X 28.000"H VENTED HINGED 16 GAUGE.
3	# 3	PRV-3	78 LBS	CURB	23.000"W X 23.000"L X 28.000"H VENTED HINGED 16 GAUGE.
5	# 5	RTU-1 DINING ROOM	104 LBS	CURB	59.500"W X 91.000"L X 14.000"H 0.250/12.000 PITCH ALONG WIDTH, RIGHT INSULATED.
6	# 6	RTU-2 KITCHEN	104 LBS	CURB	59.500"W X 91.000"L X 14.000"H 0.250/12.000 PITCH ALONG WIDTH, RIGHT INSULATED.

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION		
1	PRV-1 RESTROOM	1	ECM WIRING PACKAGE - EXHAUST - MANUAL DR 0-10VDC REFERENCE SPEED CONTROL -MSC- (TELCD), CCW ROTATION		
		1	1 12-BDD DAMPER		
		1	MIAMI DADE CERTIFICATION - NDA-1 ALUMINUM DOWNBLAST 10		
		1	2 YEAR PARTS WARRANTY		
		1	GREASE BOX		
		2	PRV-2	1	ECM WIRING PACKAGE - MANUAL DR 0-10VDC REFERENCE SPEED CONTROL -RTC- (TELCD MOTOR), CCW ROTATION
				1	FAN BASE CERAMIC SEAL - DU/DRSHFA - SHIP LOOSE - FOR GREASE DUCTS
				1	MIAMI DADE CERTIFICATION - NDA-1 ALUMINUM UPBLAST
				1	2 YEAR PARTS WARRANTY
				1	GREASE BDX
3	PRV-3	1	ECM WIRING PACKAGE - MANUAL DR 0-10VDC REFERENCE SPEED CONTROL -RTC- (TELCD MOTOR), CCW ROTATION		
		1	FAN BASE CERAMIC SEAL - DU/DRSHFA - SHIP LOOSE - FOR GREASE DUCTS		
		1	MIAMI DADE CERTIFICATION - NDA-1 ALUMINUM UPBLAST		
		1	2 YEAR PARTS WARRANTY		
		1	MG1 - METAL GRILLE KIT		
4	EF-1	1	FAN CONTROL - 3 AMP WHITE SPEED CONTROL FOR CFA CEILING FAN		
		1	2 YEAR PARTS WARRANTY		
		1	COOLING OVERRIDE		
		1	CONSTRUCTION MODE - MODIFIES START-UP SETTINGS TO ALLOW TEMPERING A BUILDING STILL UNDER CONSTRUCTION		
		1	RTU BLOWER DOOR SWITCH		
		1	2" MERV 13 FILTERS FOR RTU3 (QTY. 4)		
		1	2" MERV 8 FILTERS FOR RTU3 (QTY. 4)		
		1	OVERHEAT STAT		
		1	TOTAL CFM MONITORING		
		1	VFD FACTORY MOUNTED AND WIRED IN RTU COMMERCIAL CONTROL VESTIBULE		
5	RTU-1 DINING ROOM	1	RTU3 DOWN DISCHARGE ELECTRIC HEAT, 15-60KW		
		1	OCCUPIED SCHEDULING		
		1	INTAKE FIRESTAT SET TO 135°F		
		1	FREEZESTAT		
		1	DISCHARGE FIRESTAT SET TO 240°F		
		1	CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED		
		1	RTU3 CURB DUCT HANGER		
		1	24VAC FIRE INPUT		
		1	RTU RETURN MOUNTED SMOKE DETECTOR AND SAMPLING TUBE - FACTORY INSTALLED		
		1	RTU3 MIAMI DADE CERTIFICATION		
6	RTU-2 KITCHEN	1	SINGLE POINT CONNECTION - ELECTRIC HEATER RTU BLOWER & HEATER MUST BE THE SAME VOLTAGE & PHASE. 750VA TRANSFORMER USED. IF A NON-DCV PREWIRE CONTROLS THIS UNIT, THE #2B, #47, #M, OR #E2 PREWIRE OPTION MUST BE SELECTED. DOES NOT PROVIDE SUPPLY STARTER IN PREWIRE		
		1	RTU3 CONVENIENCE OUTLET (GFCD), 15 AMP - REQUIRES SEPARATE 120V CONNECTION. INCLUDES RECEPTACLE, COVER AND J-BOX		
		1	20 TON MODULATING COOLING OPTION, 208/230V. R454B REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FANS		
		1	LDW AMBIENT COOLING OPERATION - DOWN TO 0F AMBIENT		
		1	R454B LEAK DETECTOR OPTION FOR RTU3		
		1	20 TON MODULATING REHEAT OPTION - SPACE DEWPOINT CONTROL - R454B		
		1	RTU ECONDMIZER - FIXED ENTHALPY CONTROL		
		1	RTU3 ECONDMIZER BAROMETRIC RELIEF		
		1	RTU INTAKE/RETURN DAMPER - MANUAL CONTROL VIA HMI		
		1	RTU3 HAIL GUARD		
5	RTU-1 DINING ROOM	1	RTU3 DOWN RETURN		
		1	2" METAL MESH FILTERS FOR RTU3 OUTDOOR INTAKE		
		1	VAV PACKAGE W/ MANUAL/DDC CONTROL (S71 VFD INCLUDED)		
		1	5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT		
		1	RTU3 HAIL GUARD		
		1	RTU3 DOWN RETURN		
		1	2" METAL MESH FILTERS FOR RTU3 OUTDOOR INTAKE		
		1	VAV PACKAGE W/ MANUAL/DDC CONTROL (S71 VFD INCLUDED)		
		1	5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT		
		1	RTU3 HAIL GUARD		

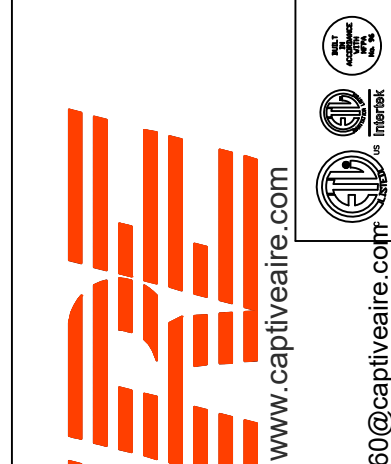
FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION		
1	PRV-1 RESTROOM	1	COOLING OVERRIDE		
		1	RTU BLOWER DOOR SWITCH		
		1	2" MERV 13 FILTERS FOR RTU3 (QTY. 4)		
		1	2" MERV 8 FILTERS FOR RTU3 (QTY. 4)		
		1	OVERHEAT STAT		
		2	PRV-2	1	TOTAL CFM MONITORING
				1	VFD FACTORY MOUNTED AND WIRED IN RTU COMMERCIAL CONTROL VESTIBULE
				1	RTU3 DOWN DISCHARGE ELECTRIC HEAT, 15-60KW
				1	OCCUPIED SCHEDULING
				1	INTAKE FIRESTAT SET TO 135°F
3	PRV-3	1	FREEZESTAT		
		1	DISCHARGE FIRESTAT SET TO 240°F		
		1	CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED		
		1	24VAC FIRE INPUT		
		1	RTU RETURN MOUNTED SMOKE DETECTOR AND SAMPLING TUBE - FACTORY INSTALLED		
4	EF-1	1	RTU3 MIAMI DADE CERTIFICATION		
		1	SINGLE POINT CONNECTION - ELECTRIC HEATER RTU BLOWER & HEATER MUST BE THE SAME VOLTAGE & PHASE. 750VA TRANSFORMER USED. IF A NON-DCV PREWIRE CONTROLS THIS UNIT, THE #2B, #47, #M, OR #E2 PREWIRE OPTION MUST BE SELECTED. DOES NOT PROVIDE SUPPLY STARTER IN PREWIRE		
		1	20 TON MODULATING COOLING OPTION, 208/230V. R454B REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FANS		
		1	LDW AMBIENT COOLING OPERATION - DOWN TO 0F AMBIENT		
		1	R454B LEAK DETECTOR OPTION FOR RTU3		
		1	20 TON MODULATING REHEAT OPTION - SPACE DEWPOINT CONTROL - R454B		
		1	RTU ECONDMIZER - FIXED ENTHALPY CONTROL		
		1	RTU3 ECONDMIZER BAROMETRIC RELIEF		
		1	RTU INTAKE/RETURN DAMPER - MANUAL CONTROL VIA HMI		
		1	RTU3 HAIL GUARD		
5	RTU-1 DINING ROOM	1	RTU3 DOWN RETURN		
		1	2" METAL MESH FILTERS FOR RTU3 OUTDOOR INTAKE		
		1	VAV PACKAGE W/ MANUAL/DDC CONTROL (S71 VFD INCLUDED)		
		1	5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT		
		1	RTU3 HAIL GUARD		
		1	RTU3 DOWN RETURN		
		1	2" METAL MESH FILTERS FOR RTU3 OUTDOOR INTAKE		
		1	VAV PACKAGE W/ MANUAL/DDC CONTROL (S71 VFD INCLUDED)		
		1	5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT		
		1	RTU3 HAIL GUARD		

HMI SCHEDULE				
UNIT NUMBER	HMI #	HMI LOCATION	TEMP AVERAGING	MODBUS ADDRESS
FAN #5	HMI #1 - UNIT	IN UNIT	NOT AVERAGED	55
FAN #5	HMI #2 - SPACE		AVERAGED	56
FAN #5	HMI #3 - SPACE		AVERAGED	57
FAN #6	HMI #1 - UNIT	IN UNIT	NOT AVERAGED	55
FAN #6	HMI #2 - SPACE		AVERAGED	56
FAN #6	HMI #3 - SPACE		AVERAGED	57

REVISIONS

DESCRIPTION	DATE:



239 N Hunt Club Blvd., STE 201, Longwood, FL 32779 PHONE: (407) 682 - 3100 FAX: 9192275913 EMAIL: reg60@captiveaire.com

CULVERS CLEWISTON FL  
 Clewiston, FL, 33440

DATE: 6/20/2025

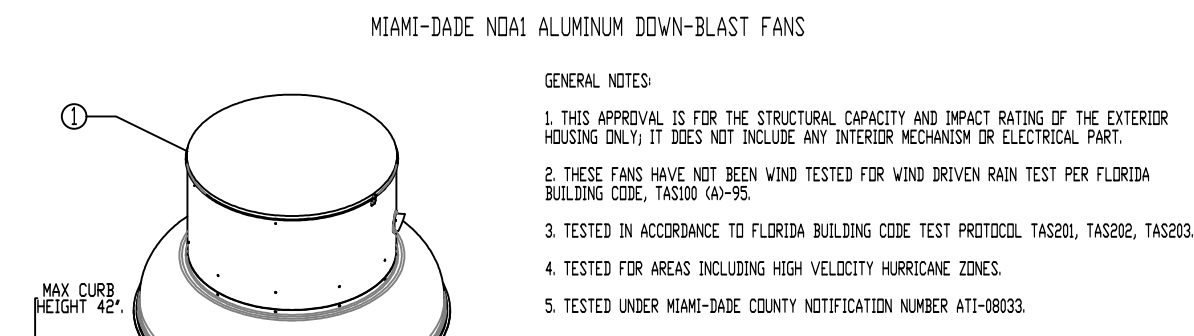
DWG.#:  
7595304

DRAWN BY: sluddy jr

SCALE:  
1/2" = 1'-0"

MASTER DRAWING

SHEET NO.  
4



MIAMI-DADE NDAL ALUMINUM DOWN-BLAST FANS

- GENERAL NOTES:
1. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSING ONLY. IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL PART.
  2. THESE FANS HAVE NOT BEEN WIND TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS200 (A)-95.
  3. TESTED IN ACCORDANCE TO FLORIDA BUILDING CODE TEST PROTOCOL, TAS201, TAS202, TAS203.
  4. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
  5. TESTED UNDER MIAMI-DADE COUNTY NOTIFICATION NUMBER A11-18033.

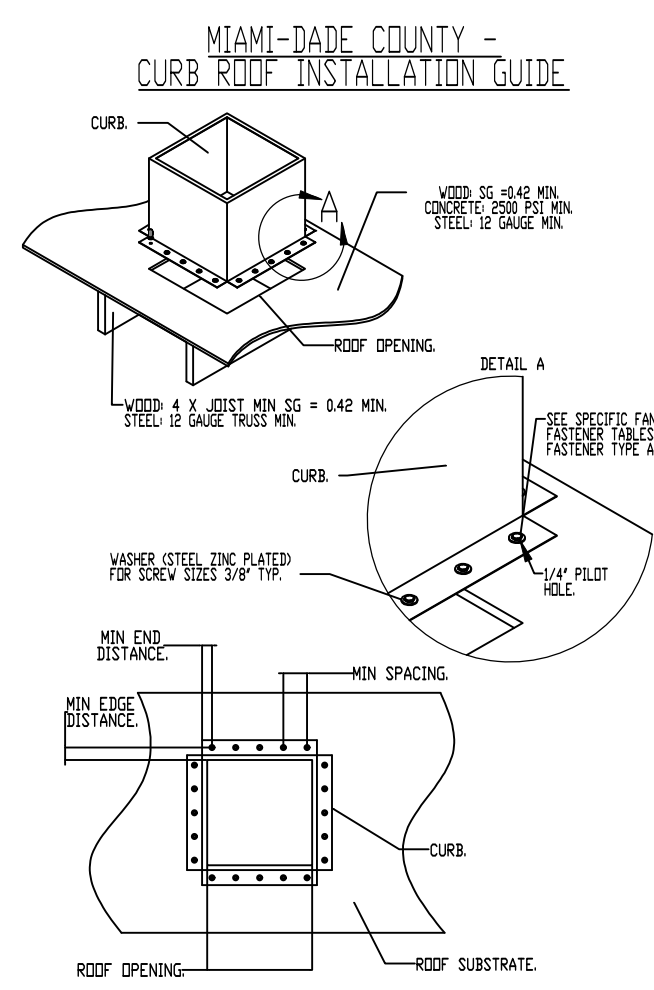
INSTALLATION INSTRUCTIONS:

1. SECURE LID TO FAN USING Ø90 1/4" x 1/4" ZINC PLATED SELF-DRILLING SHEET METAL SCREWS WITH RUBBER WASHER SPACED EVENLY AROUND LID.
2. SECURE FAN BASE TO CURB USING 5/16" x 2" GALVANIZED SELF-DRILLING SCREWS (OR BETTER) THROUGH PRE-PUNCHED HOLES IN THE FAN BASE. SEE TABLE BELOW FOR QTY.
3. SECURE CURB TO ROOF OR WALL BY DRILLING 1/4" DIA. PILOT HOLES IN THE CURB FLANGE AT LOCATIONS SHOWN IN THE DIAGRAM. SEE TABLE BELOW FOR FASTENER TYPE. USE TABLE BELOW FOR FASTENER QTY.

CURB MATERIAL:  
20" HIGH & LESS = 26 GA. STEEL  
ABOVE 20" THRU 42" = 18 GA. STEEL

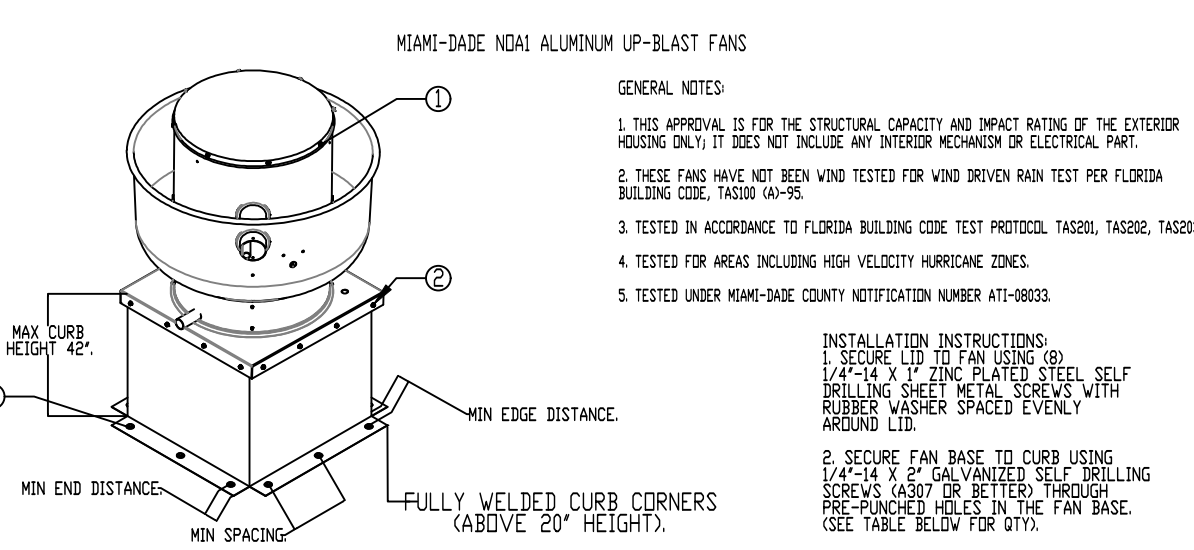
DESIGN PRESSURE: +1500 / -1500 PSF  
LARGE MISSILE IMPACT RESISTANT.

FAN MODEL	CURB TO FAN (Ø90)			WOOD (Ø90)			STEEL (Ø90)			CONCRETE (Ø90)			CONCRETE (Ø90)		
	PER SIDE	TOTAL	QTY	PER SIDE	TOTAL	QTY	PER SIDE	TOTAL	QTY	PER SIDE	TOTAL	PER SIDE	TOTAL	QTY	
DMR	3	12	3	3	12	3	3	12	3	12	3	3	12	3	



MIAMI-DADE COUNTY - CURB ROOF INSTALLATION GUIDE

- INSTALLATION INSTRUCTIONS:
1. SECURE LID TO FAN USING Ø90 1/4" x 1/4" ZINC PLATED SELF-DRILLING SHEET METAL SCREWS WITH RUBBER WASHER SPACED EVENLY AROUND LID.
  2. SECURE FAN BASE TO CURB USING 5/16" x 2" GALVANIZED SELF-DRILLING SCREWS (OR BETTER) THROUGH PRE-PUNCHED HOLES IN THE FAN BASE. SEE TABLE BELOW FOR QTY.
  3. SECURE CURB TO ROOF OR WALL BY DRILLING 1/4" DIA. PILOT HOLES IN THE CURB FLANGE AT LOCATIONS SHOWN IN THE DIAGRAM. SEE TABLE BELOW FOR FASTENER TYPE. USE TABLE BELOW FOR FASTENER QTY.



MIAMI-DADE NDAL ALUMINUM UP-BLAST FANS

- GENERAL NOTES:
1. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSING ONLY. IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL PART.
  2. THESE FANS HAVE NOT BEEN WIND TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS200 (A)-95.
  3. TESTED IN ACCORDANCE TO FLORIDA BUILDING CODE TEST PROTOCOL, TAS201, TAS202, TAS203.
  4. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
  5. TESTED UNDER MIAMI-DADE COUNTY NOTIFICATION NUMBER A11-18033.

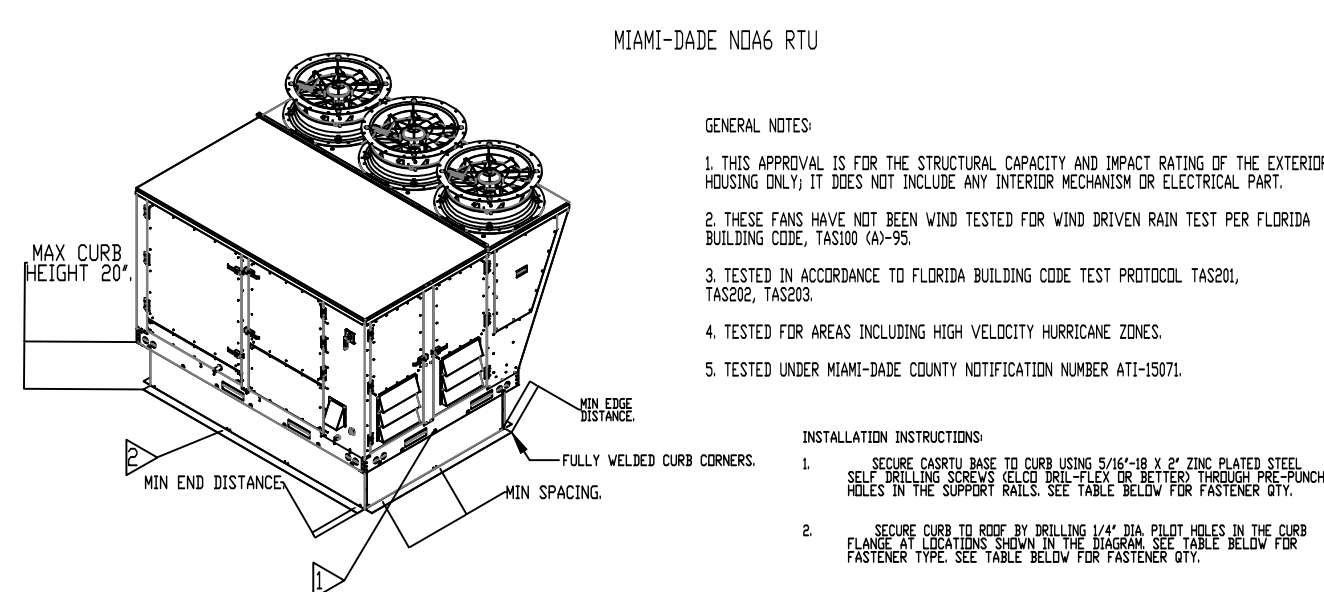
INSTALLATION INSTRUCTIONS:

1. SECURE LID TO FAN USING Ø90 1/4" x 1/4" ZINC PLATED SELF-DRILLING SHEET METAL SCREWS WITH RUBBER WASHER SPACED EVENLY AROUND LID.
2. SECURE FAN BASE TO CURB USING 5/16" x 2" GALVANIZED SELF-DRILLING SCREWS (OR BETTER) THROUGH PRE-PUNCHED HOLES IN THE FAN BASE. SEE TABLE BELOW FOR QTY.
3. SECURE CURB TO ROOF OR WALL BY DRILLING 1/4" DIA. PILOT HOLES IN THE CURB FLANGE AT LOCATIONS SHOWN IN THE DIAGRAM. SEE TABLE BELOW FOR FASTENER TYPE. USE TABLE BELOW FOR FASTENER QTY.

CURB MATERIAL:  
20" HIGH & LESS = 26 GA. STEEL  
ABOVE 20" THRU 42" = 18 GA. STEEL

DESIGN PRESSURE: +1500 / -1500 PSF  
LARGE MISSILE IMPACT RESISTANT.

FAN MODEL	CURB TO FAN (Ø90)			WOOD (Ø90)			STEEL (Ø90)			CONCRETE (Ø90)			CONCRETE (Ø90)		
	PER SIDE	TOTAL	QTY	PER SIDE	TOTAL	QTY	PER SIDE	TOTAL	QTY	PER SIDE	TOTAL	PER SIDE	TOTAL	QTY	
DUB	3	12	3	3	12	3	3	12	3	12	3	3	12	3	



MIAMI-DADE NDA6 RTU

- GENERAL NOTES:
1. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSING ONLY. IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL PART.
  2. THESE FANS HAVE NOT BEEN WIND TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS200 (A)-95.
  3. TESTED IN ACCORDANCE TO FLORIDA BUILDING CODE TEST PROTOCOL, TAS201, TAS202, TAS203.
  4. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
  5. TESTED UNDER MIAMI-DADE COUNTY NOTIFICATION NUMBER A11-15071.

INSTALLATION INSTRUCTIONS:

1. SECURE CURB BASE TO CURB USING 5/16" x 2" ZINC PLATED SELF-DRILLING SCREWS (OR BETTER) THROUGH PRE-PUNCHED HOLES IN THE CURB BASE. SEE TABLE BELOW FOR FASTENER QTY.
2. SECURE CURB TO ROOF BY DRILLING 1/4" DIA. PILOT HOLES IN THE CURB FLANGE AT LOCATIONS SHOWN IN THE DIAGRAM. SEE TABLE BELOW FOR FASTENER TYPE. USE TABLE BELOW FOR FASTENER QTY.

CURB MATERIAL:  
20" HIGH & LESS = 18 GA. STEEL

DESIGN PRESSURE: +1500 / -1500 PSF  
LARGE MISSILE IMPACT RESISTANT.

FAN MODEL	CURB TO FAN			WOOD			STEEL			CONCRETE		
	LONG SIDE	SHORT SIDE	TOTAL	LONG SIDE	SHORT SIDE	TOTAL	LONG SIDE	SHORT SIDE	TOTAL	LONG SIDE	SHORT SIDE	TOTAL
HVAC3	7	5	24	14	10	48	12	8	40	12	9	42

**REVISIONS**

DESCRIPTION	DATE:

www.captiveaire.com  
Florida National Accounts  
239 N Hunt Club Blvd., STE 201, Longwood, FL 32779 PHONE: (407) 682-3100 FAX: 9192275913 EMAIL: reg60@captiveaire.com

CULVERS CLEWISTON FL  
Clewiston, FL, 33440

DATE: 6/20/2025

DWG.#: 7595304

DRAWN BY: studdy jr

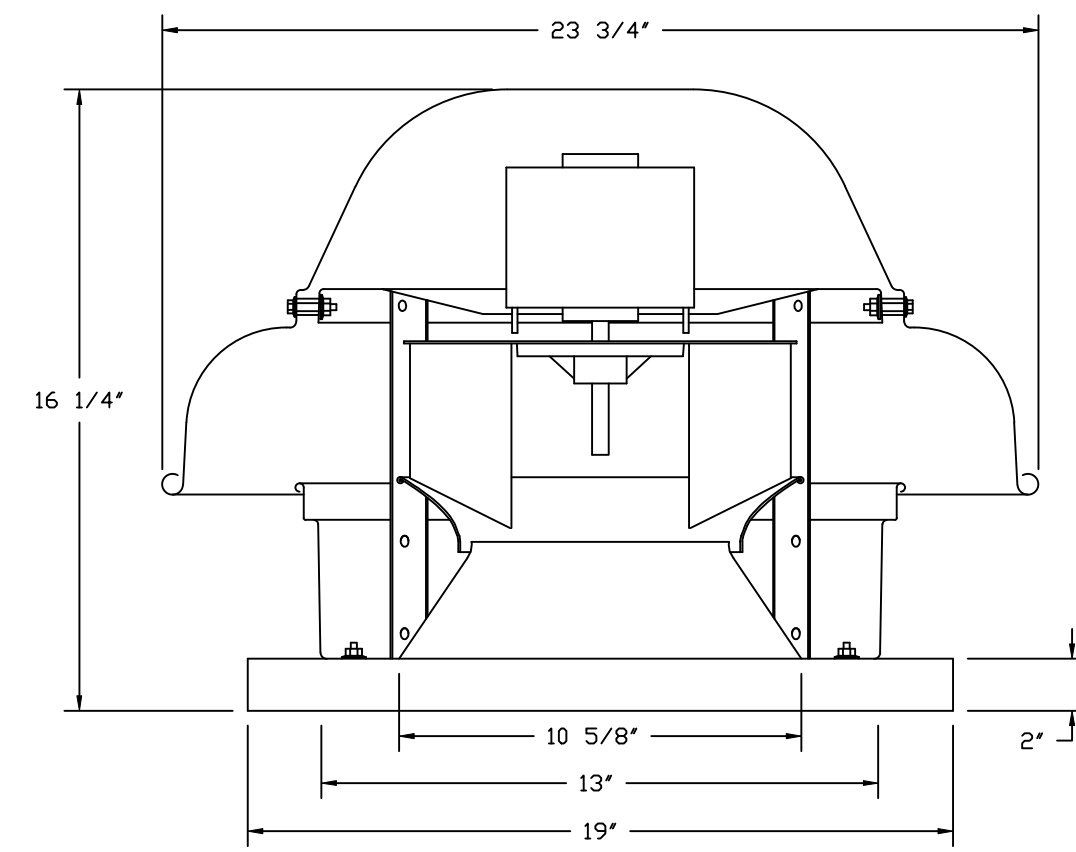
SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO.

5

FAN #1 DR12HFA - EXHAUST FAN (PRV-1 RESTROOM)

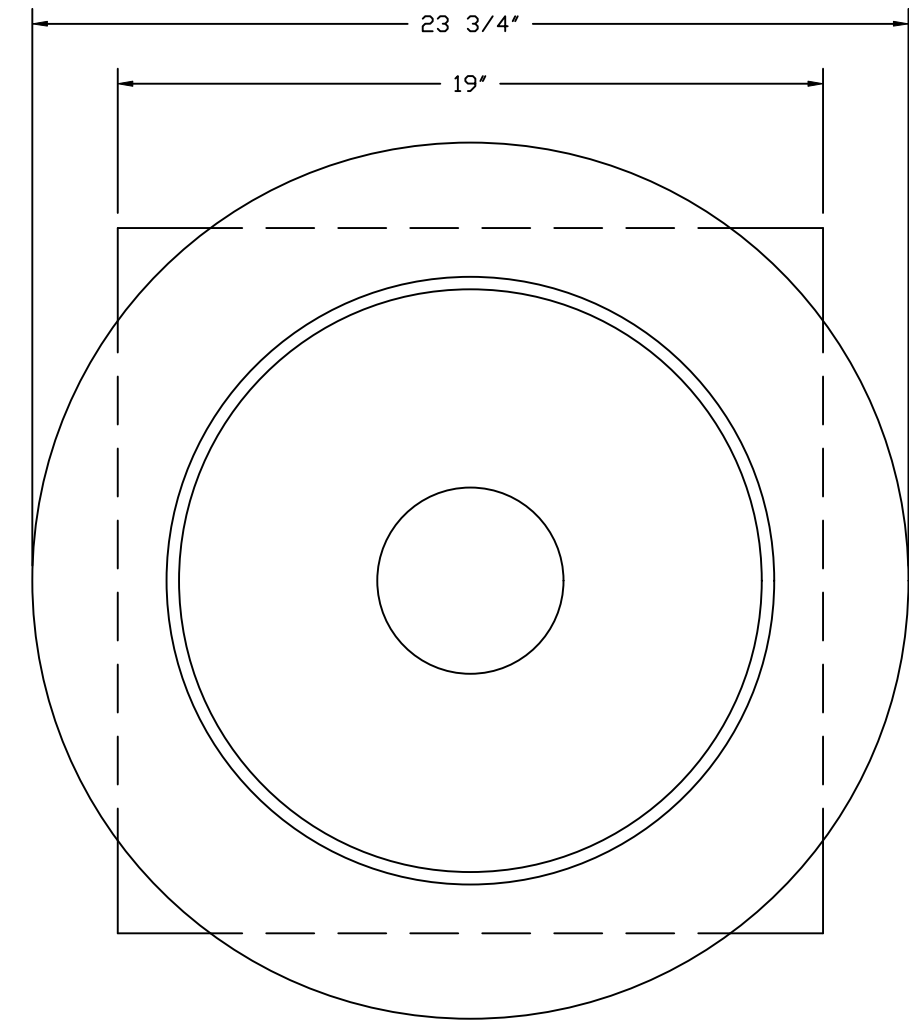
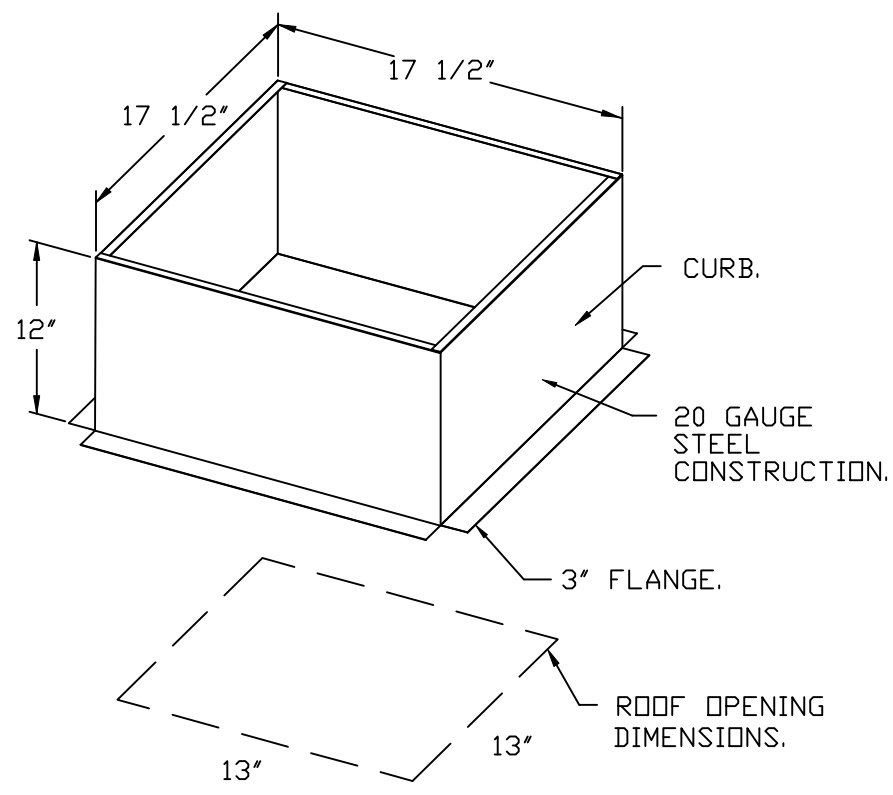


**FEATURES:**

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- UL705.
- SAFETY DISCONNECT.
- STANDARD BIRD SCREEN.
- SPEED CONTROL.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).

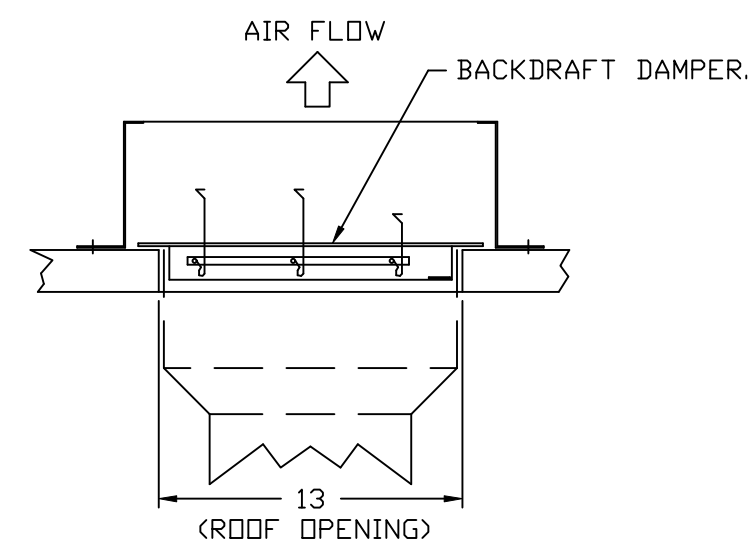
**OPTIONS:**

- ECM WIRING PACKAGE - EXHAUST - MANUAL DR 0-10VDC REFERENCE SPEED CONTROL - MSC- (TELCD), CCW ROTATION.
- 1 12-30D DAMPER.
- MIAMI DADE CERTIFICATION - NDA-1 ALUMINUM DOWNBLAST 10.
- 2 YEAR PARTS WARRANTY.

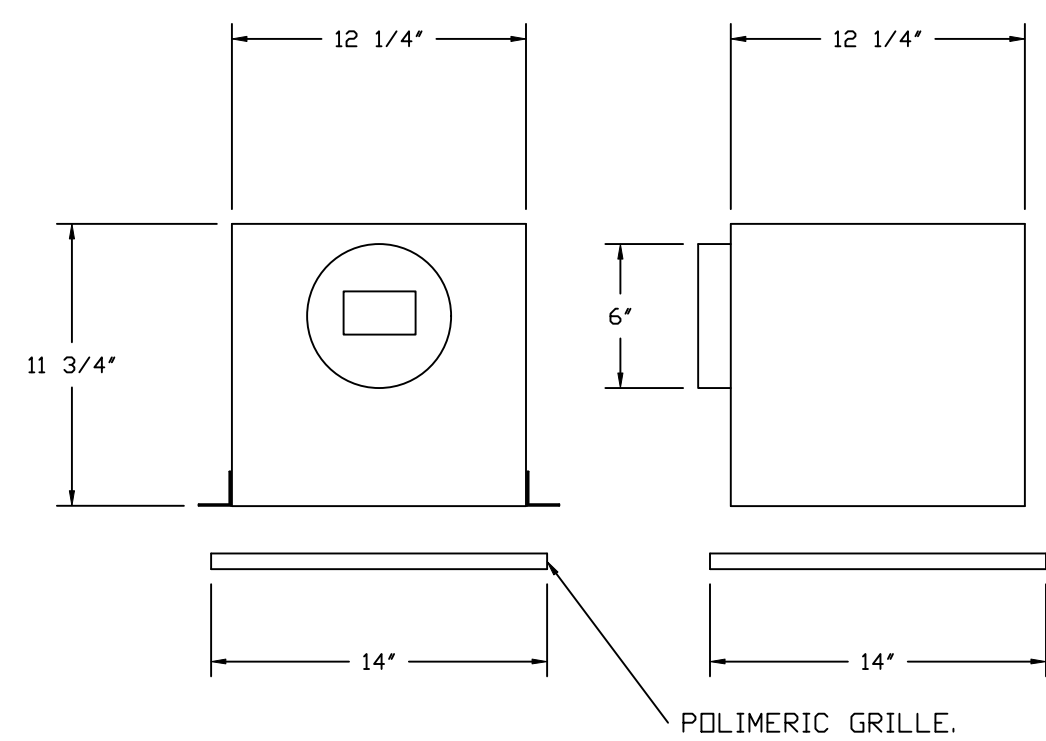


TOP VIEW

**BACKDRAFT DAMPER INSTALLATION**



FAN #4 CFA 100CA - EXHAUST FAN (EE-1)



**FEATURES:**

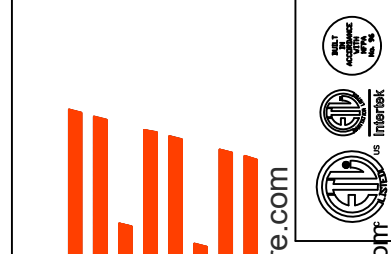
- 1/2" ACOUSTIC HOUSING INSULATION.
- 20 GA. GALVANIZED STEEL HOUSING.
- PLUG TYPE DISCONNECT.
- BUILD IN AUTOMATIC BACKDRAFT DAMPER.
- AMCA SOUND & AIR CERTIFIED.
- UL LISTED.
- CAN BE INSTALLED IN CEILING OR WALL.
- 8 POSITION MOUNTING BRACKETS.

**OPTIONS:**

- MG1 - METAL GRILLE KIT.
- FAN CONTROL - 3 AMP WHITE SPEED CONTROL FOR CFA CEILING FAN.
- 2 YEAR PARTS WARRANTY.

**REVISIONS**

DESCRIPTION	DATE:



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CULVERS CLEWISTON FL  
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DWG.#:  
7595304

DRAWN BY: studdy jr

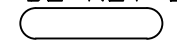
SCALE:  
3/4" = 1'-0"

MASTER DRAWING

SHEET NO.  
6

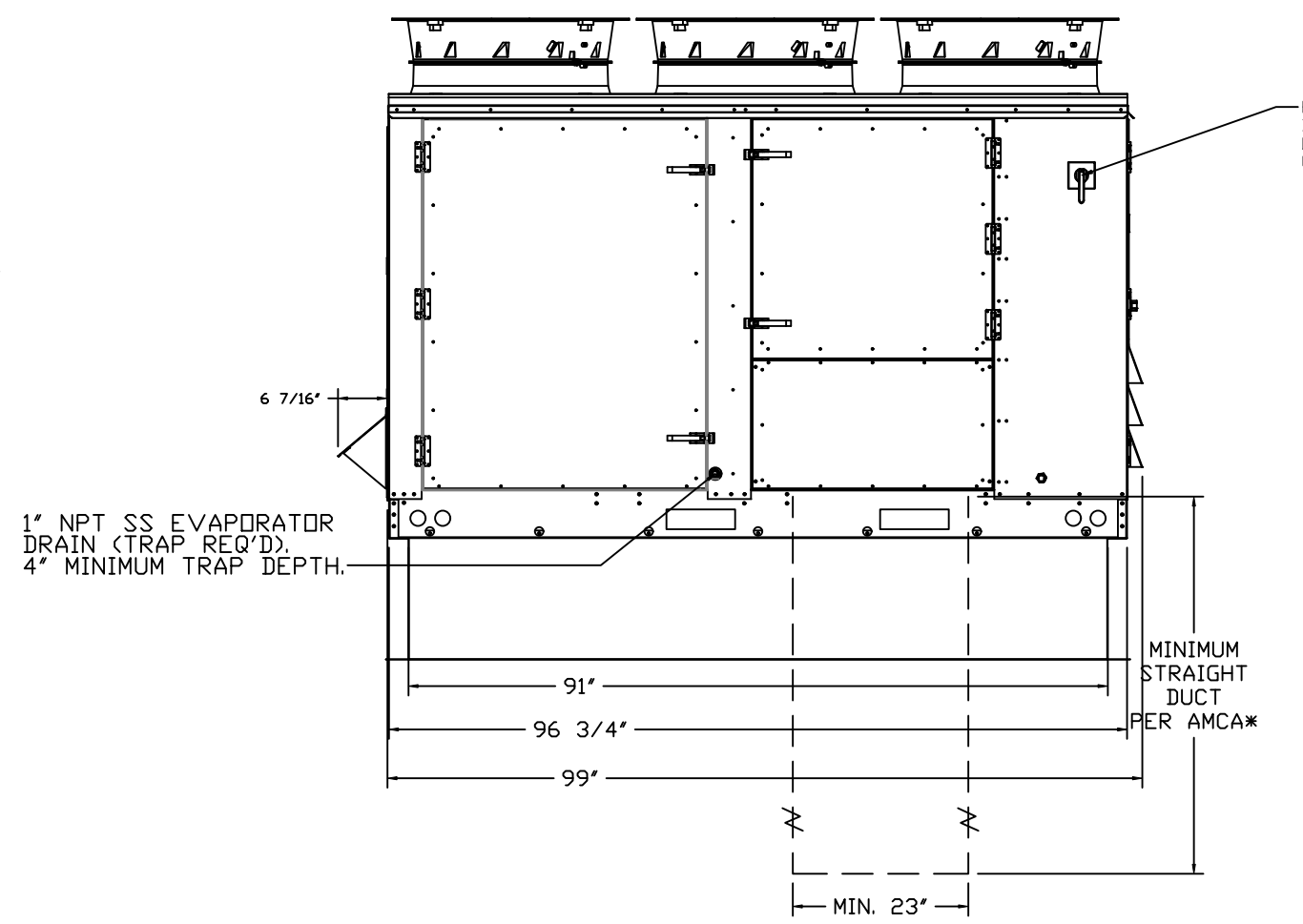
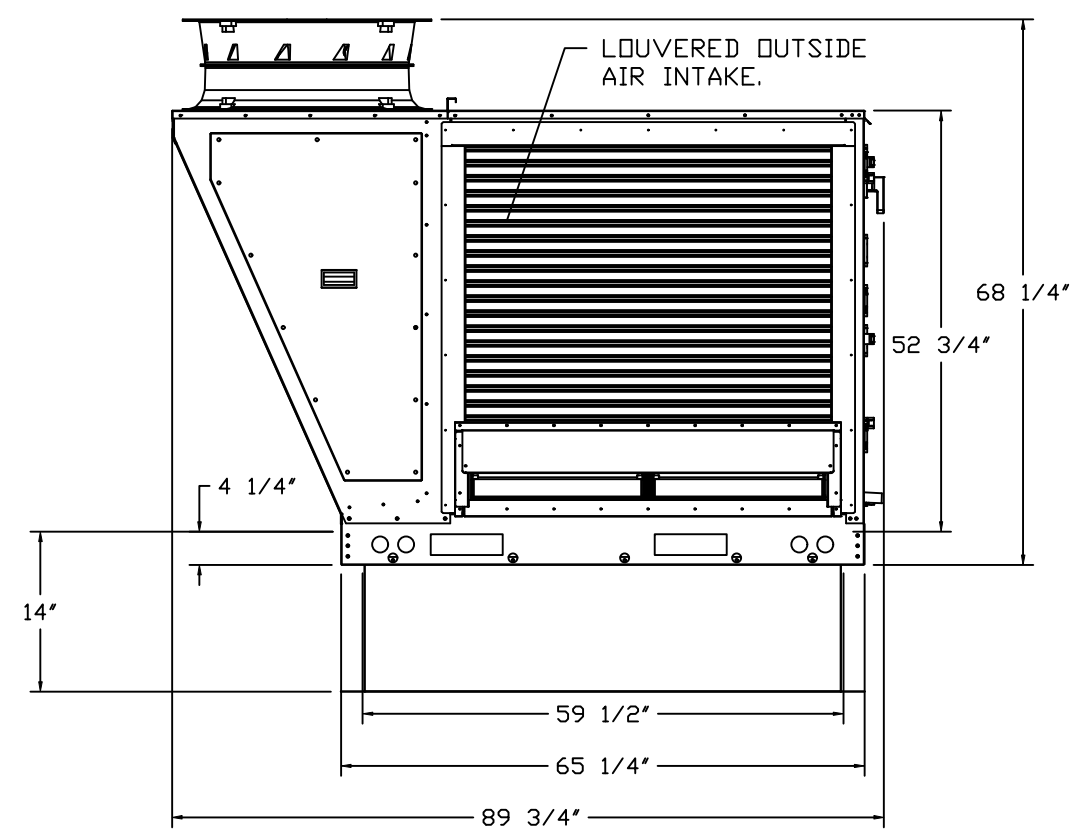
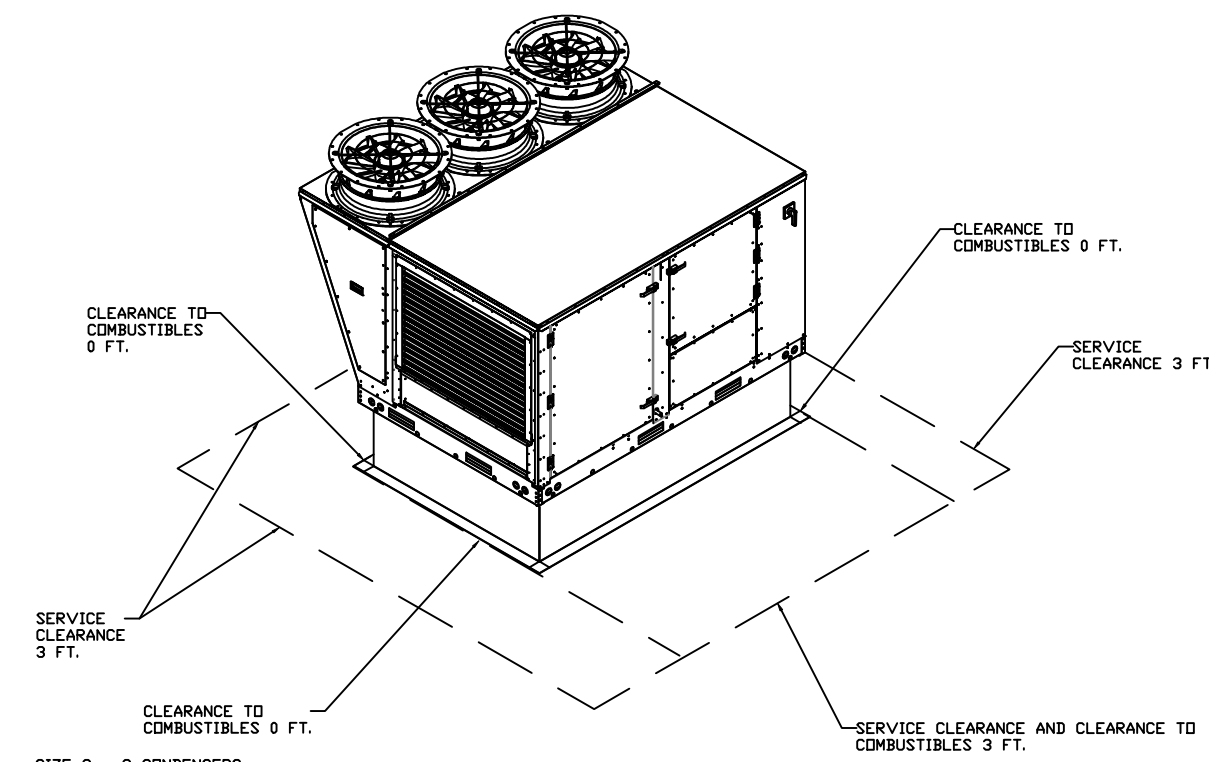
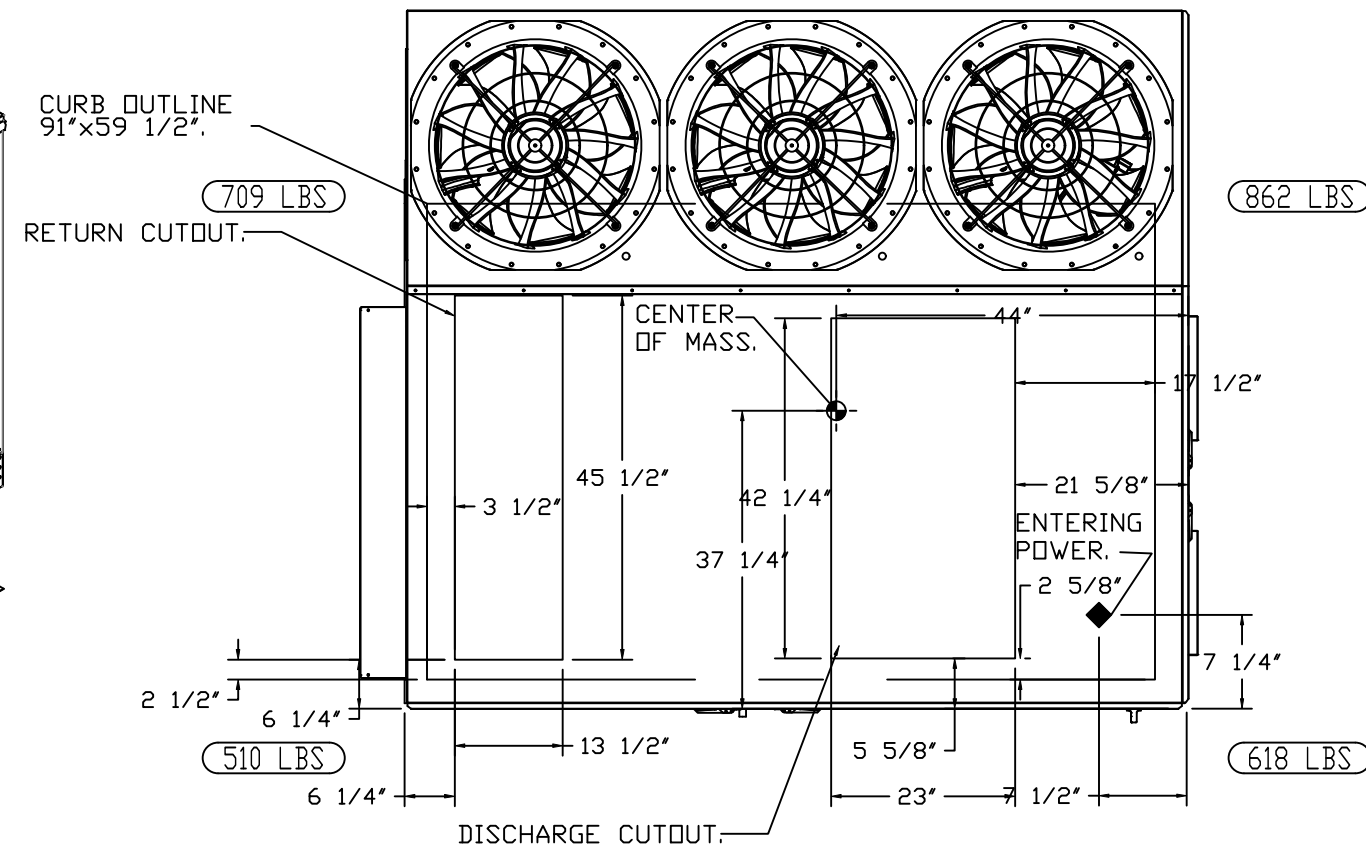
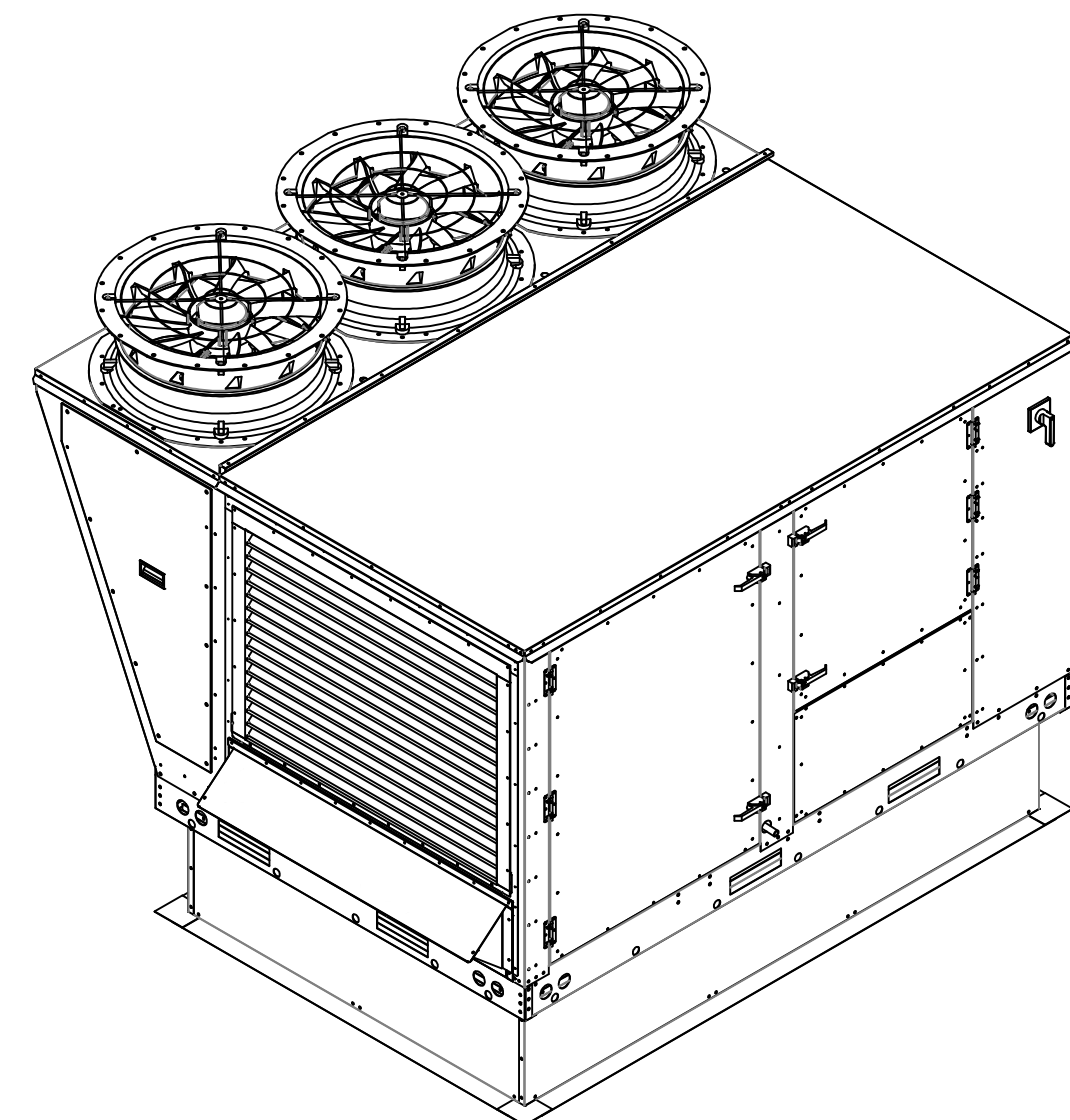
FAN #5 CAS-HVAC3-E.452-24MF-20T - HEATER (RTU-1 DINING ROOM)

NOTES:

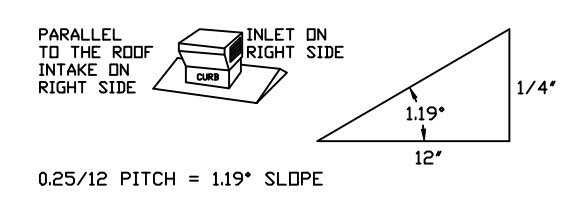
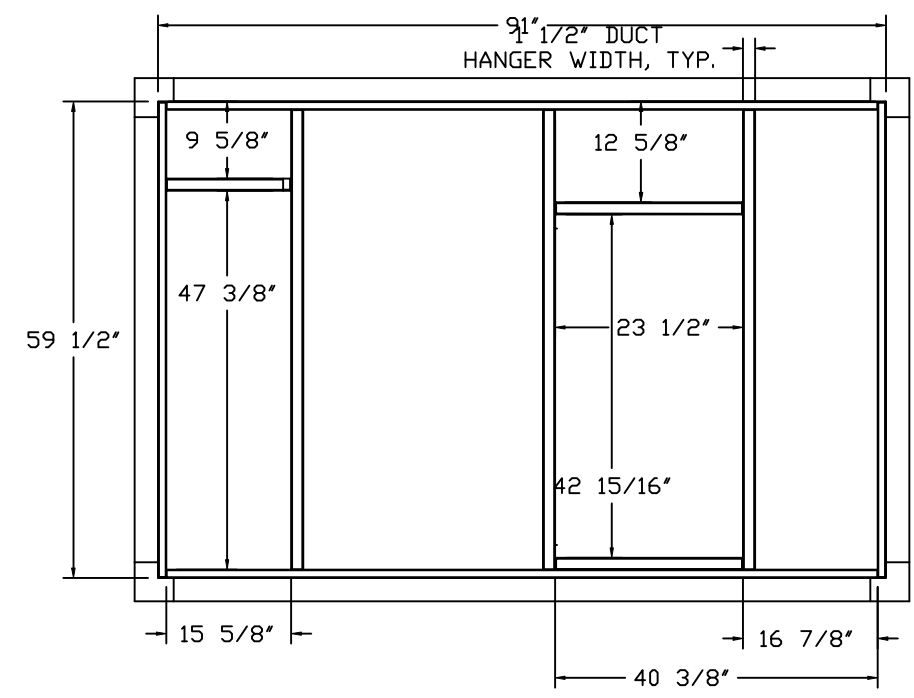
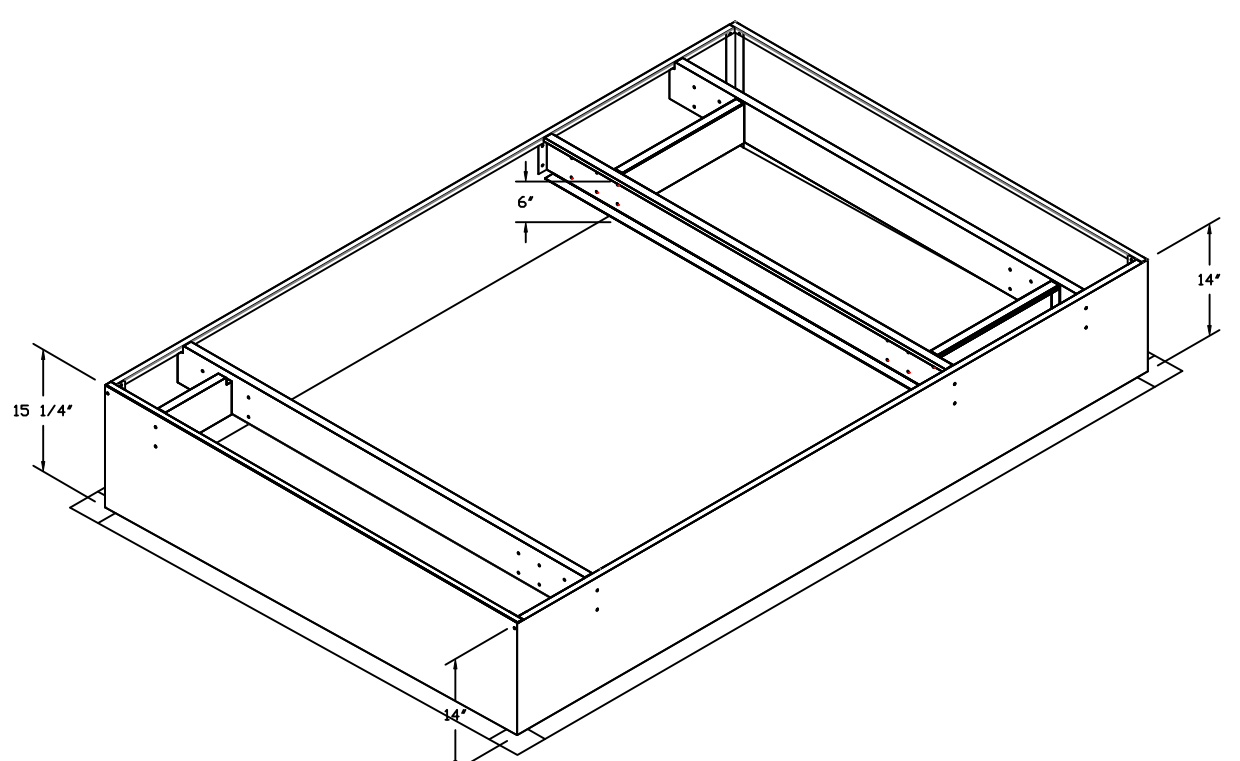
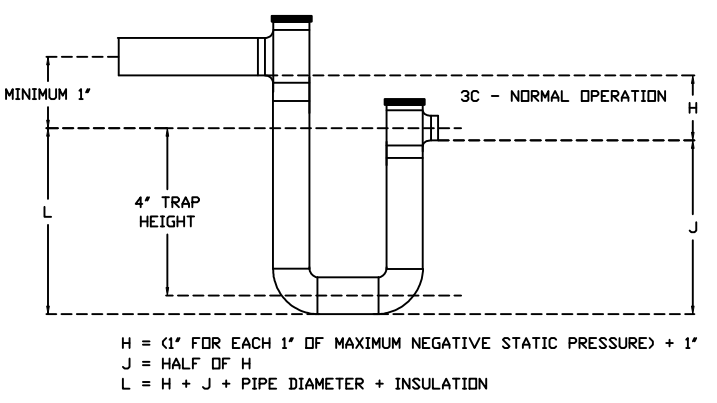
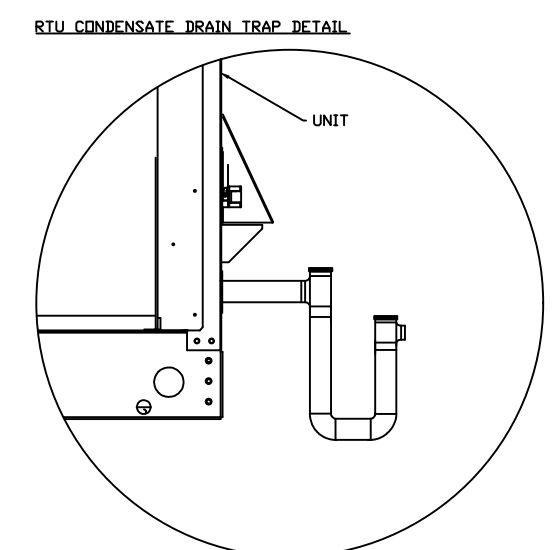
- DO NOT OBSTRUCT OUTSIDE AIR INLET, OUTSIDE AIR COIL OR OUTSIDE AIR FAN.
-  DENOTES CORNER WEIGHT.
- ROOF OPENING MUST BE 2" SMALLER THAN CURB DIMENSIONS IN BOTH DIRECTIONS.
- CONNECTION FROM BREAKER TO UNITS SAFETY DISCONNECT SWITCH TO BE COPPER WIRE ONLY.

\*NOTE: INTEGRAL CO2 MONITORING AND CONTROL CAPABILITIES FOR ALL SPACE MOUNTED THERMOSTATS.

\*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 23" x 39".



FACTORY INSTALLED SAFETY DISCONNECT SWITCH. ONLY USE COPPER WIRING FOR UNIT SUPPLY TO DISCONNECT.



**REVISIONS**

DESCRIPTION	DATE

**CAPTIVE AIR**

Florida National Accounts

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CULVERS CLEWISTON FL  
Clewiston, FL, 33440

DATE: 6/20/2025  
DWG.#: 7595304  
DRAWN BY: sluddy jr  
SCALE: 1/2" = 1'-0"  
MASTER DRAWING

SHEET NO. 7

FAN #6 CAS-HVAC3-E.302-24MF-20T - HEATER (RTU-2 KITCHEN)

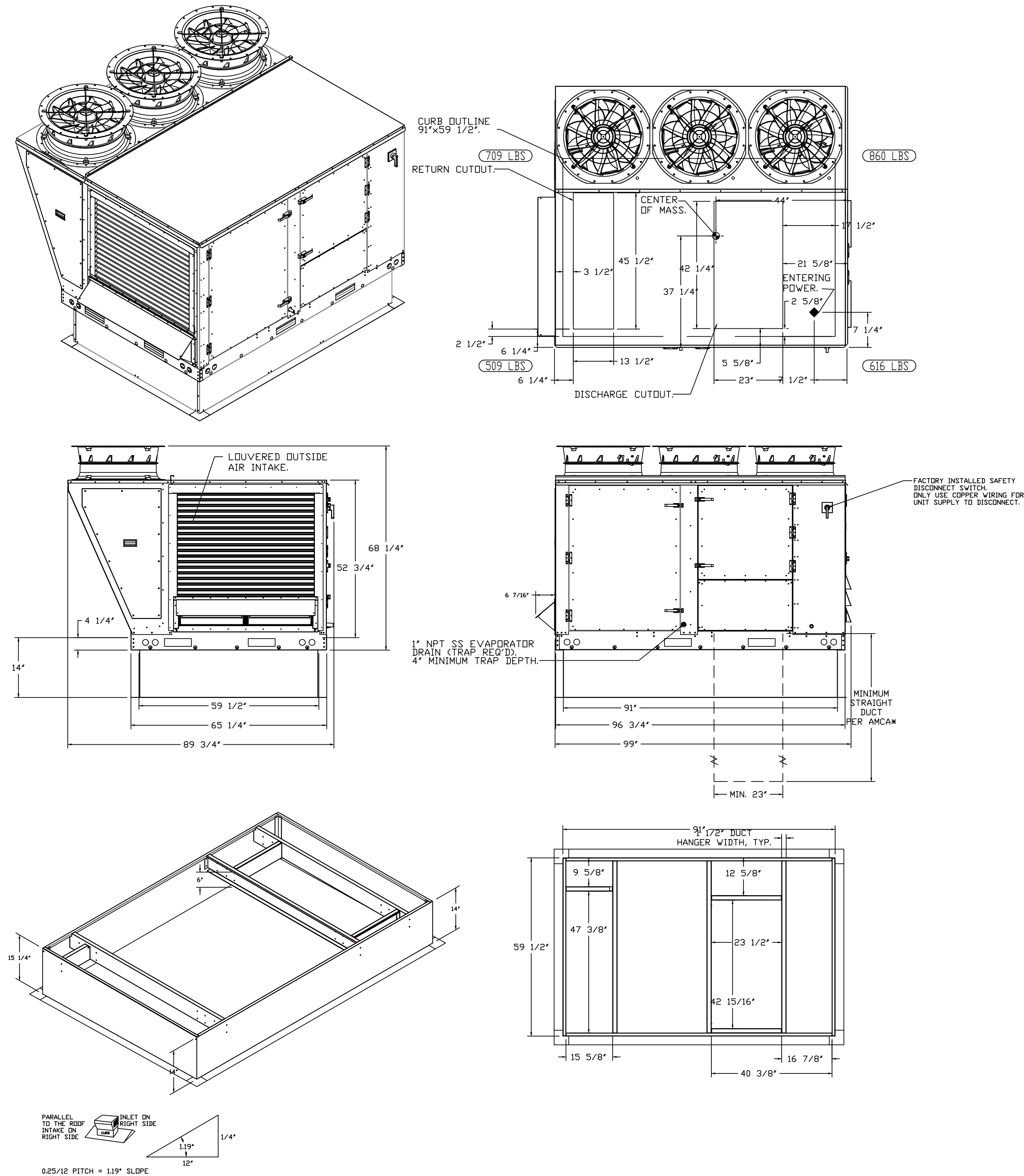
NOTES:

- DO NOT OBSTRUCT OUTSIDE AIR INLET, OUTSIDE AIR COIL OR OUTSIDE AIR FAN.
- DENOTES CORNER WEIGHT.
- ROOF OPENING MUST BE 2" SMALLER THAN CURB DIMENSIONS IN BOTH DIRECTIONS.
- CONNECTION FROM BREAKER TO UNITS SAFETY DISCONNECT SWITCH TO BE COPPER WIRE ONLY.

\*NOTE: INTEGRAL CO2 MONITORING AND CONTROL CAPABILITIES FOR ALL SPACE MOUNTED THERMOSTATS.

\*NOTE: THIS UNIT IS INTENDED TO SERVE IN PLACE OF THE KITCHEN HVAC ROOF TOP UNIT (RTU) IN ADDITION TO PROVIDING APPROPRIATE MAKE-UP AIR FOR THE KITCHEN HOOD(S). RTU AND ASSOCIATED DUCTWORK SHALL BE REMOVED FROM SCOPE UNLESS REQUIRED FOR INTERNAL LOAD ESTIMATES. FINAL DESIGN SHALL BE REVIEWED AND APPROVED BY THE ENGINEER OF RECORD.

\*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 23" x 39".



REVISIONS	
DESCRIPTION	DATE

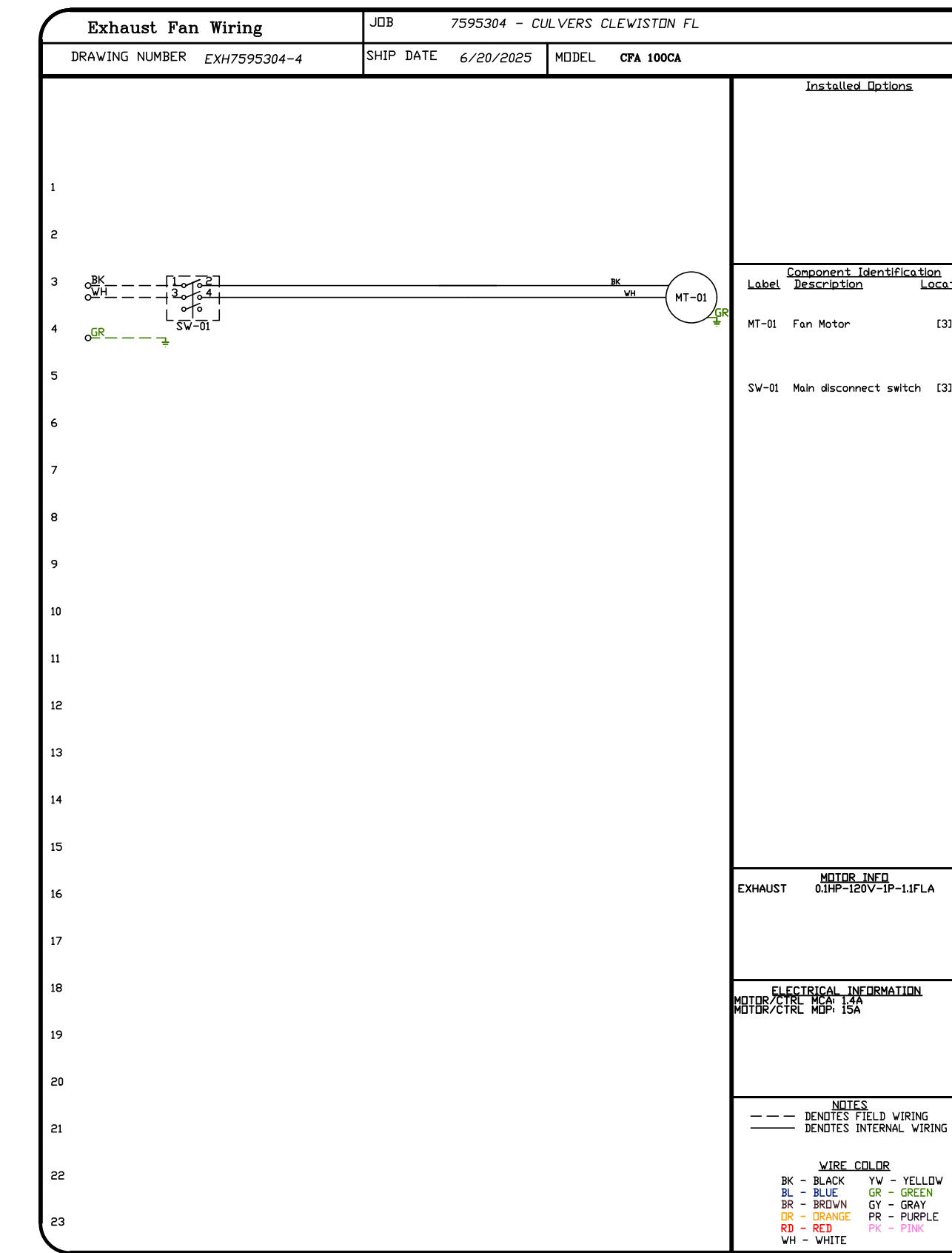
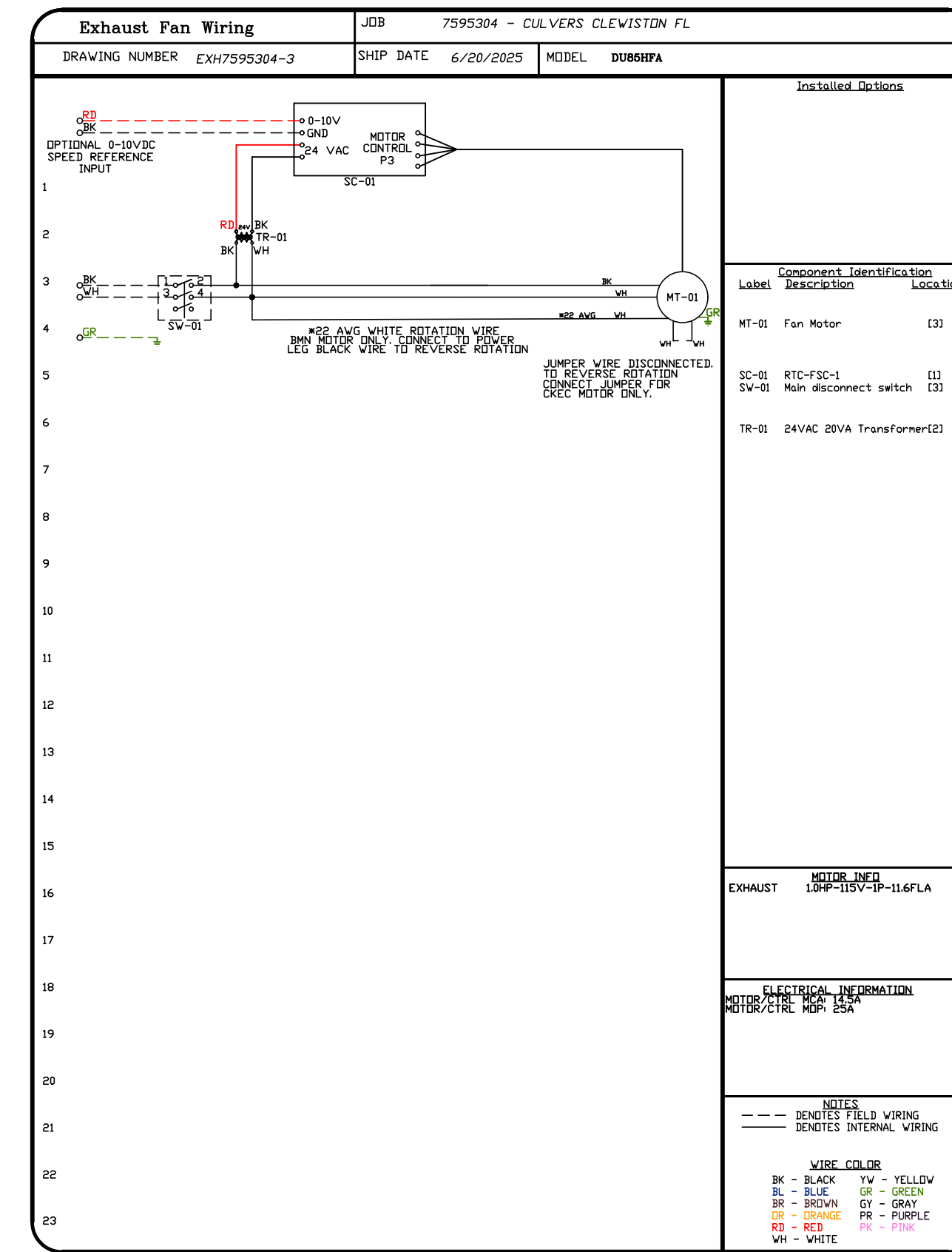
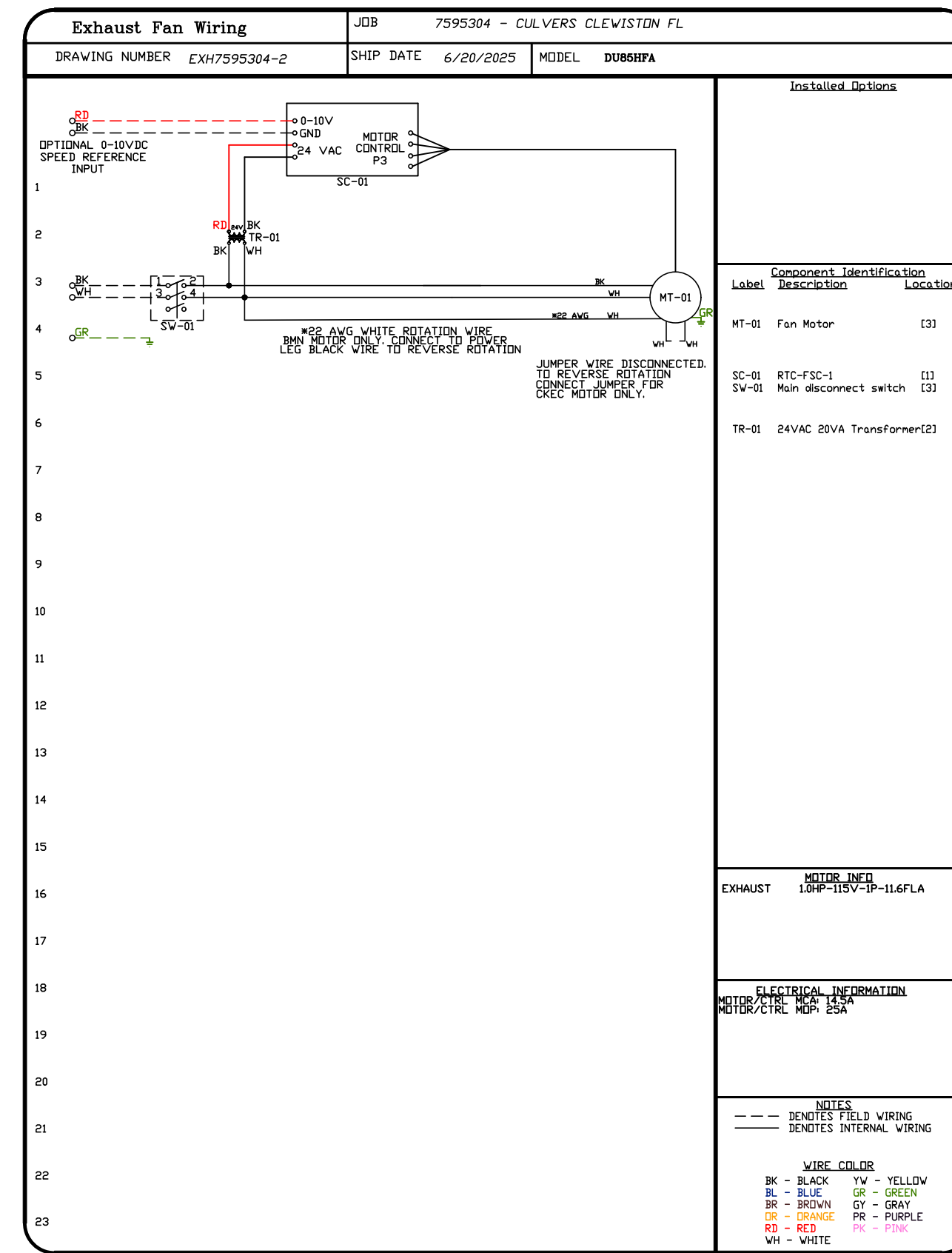
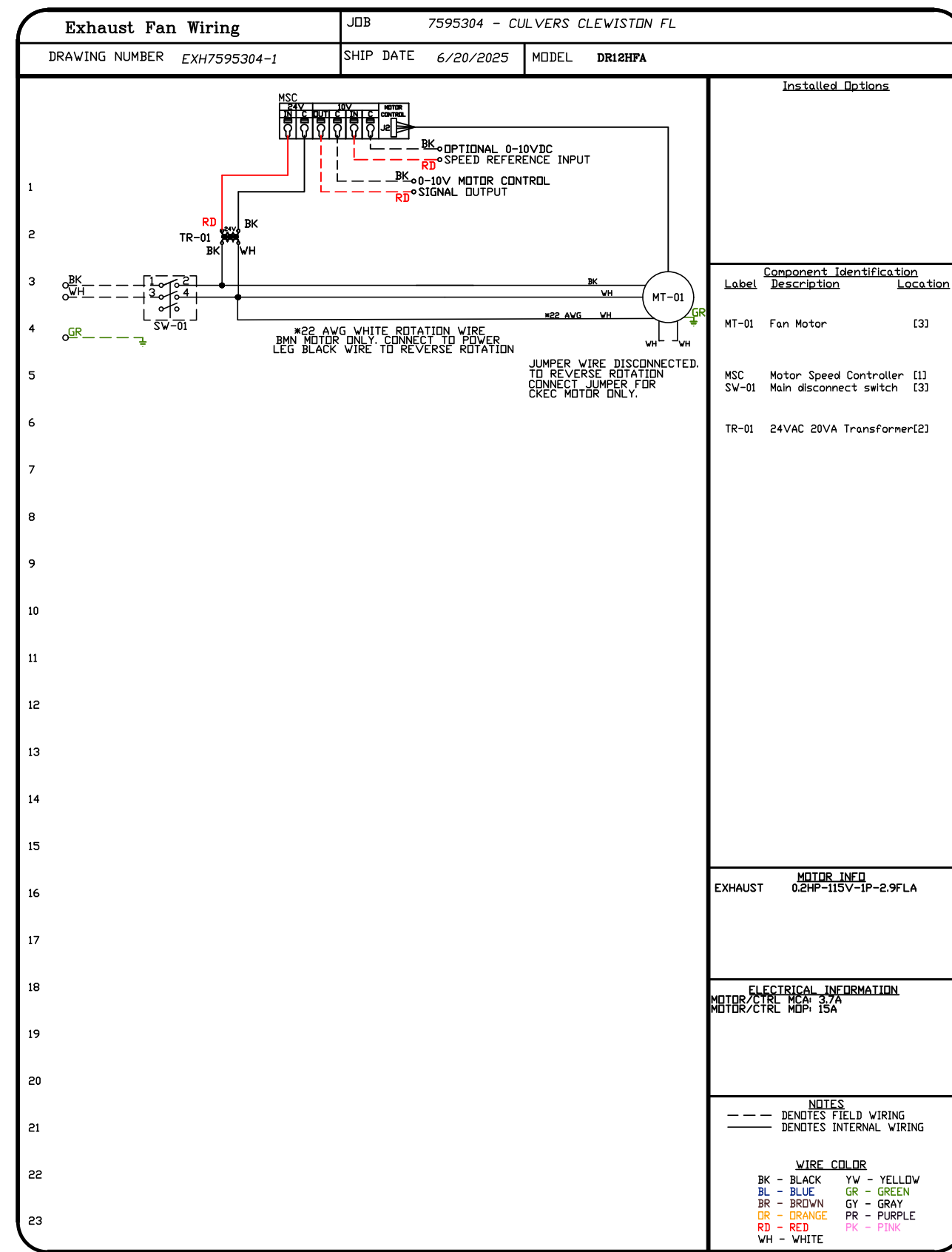
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 Florida National Accounts  
 239 N Hunt Club Blvd., STE 201, Longwood, FL 32779 PHONE: (407) 882-3100 FAX: 9192275913 EMAIL: reg60@captiveaire.com

CAPTIVE AIR

CULVERS CLEWISTON FL  
 Clewiston, FL, 33440

DATE: 6/20/2025  
 DWG.#: 7595304  
 DRAWN BY: sluddy jr  
 SCALE: 1/2" = 1'-0"  
 MASTER DRAWING

SHEET NO.  
8



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DESCRIPTION	DATE

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CULVERS CLEWISTON FL

Clewiston, FL, 33440

DATE: 6/20/2025
DWG.#: 7595304
DRAWN BY: sluddy jr
SCALE: 3/4" = 1'-0"
MASTER DRAWING

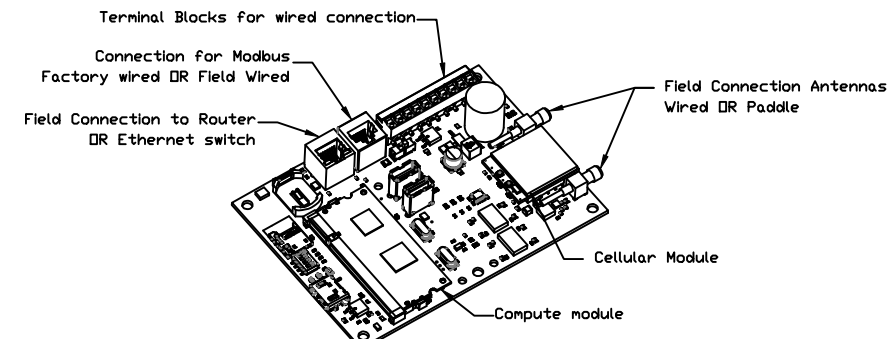
SHEET NO.

9



**ELECTRICAL PACKAGE - JOB#7595304**

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED					
				LOCATION	QUANTITY		FAN TAG	TYPE	#	HP	VOLT	FLA
1		SC-E012011MA	WALL MOUNT IN SS BDX	SHIP LOOSE W/ PREWIRE	1 LIGHT 1 FAN	SMART CONTROLS THERMSTATIC CONTROL W/ RELAY DN/OFF WITH SUPPLY	PRV-2	EXHAUST	1	1.000	115	11.6
							RTU-2 Kitchen	SUPPLY	3	10.000	208	27.0

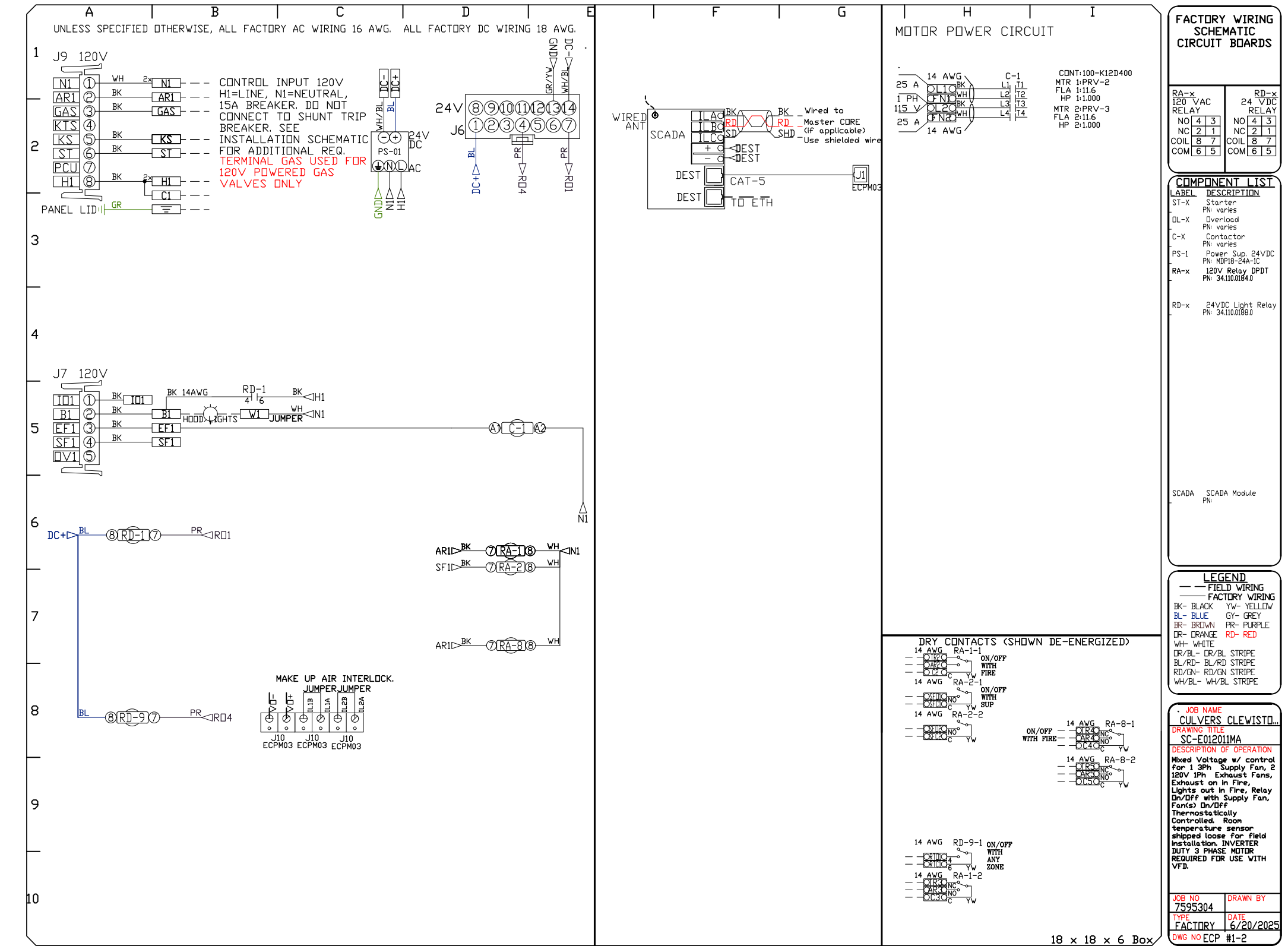
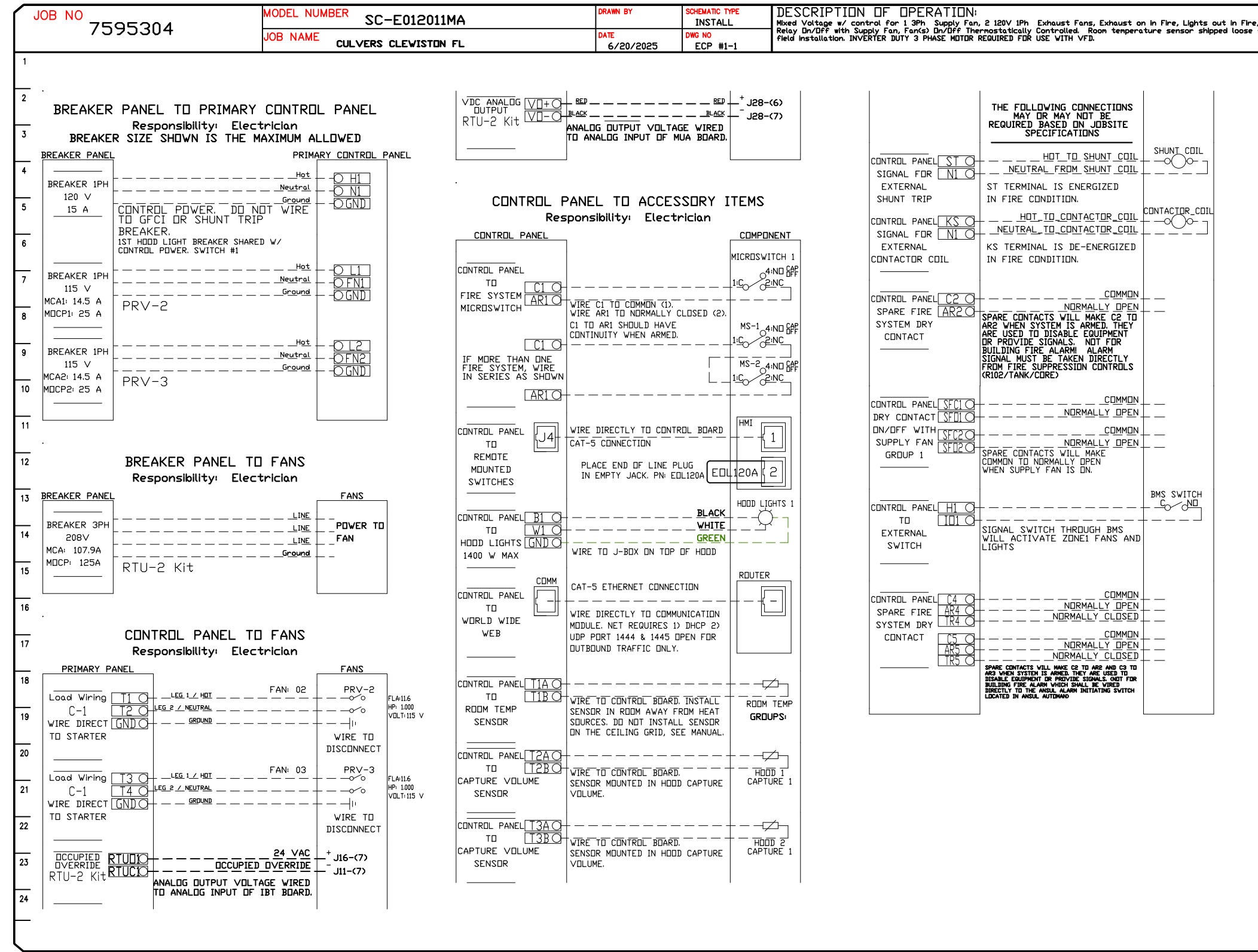


**CASlink Monitor and Control**

- Hood control panel to support communications to cloud-based Building Management Systems.
- Hood Control Panel to allow cloud-based Building Management System to monitor real time parameters outlined as MONITOR in the points list.
- Hood Control Panel to allow cloud-based Building Management System to control parameters outlined as CONTROL in the points list.
- Hood Control Panel to allow cloud-based Building Management System to implement SYSTEM ECONOMIZER control strategies for fully integrated Building Management.

**MONITORING AND CONTROL POINTS LIST**

DCV Packages	Function	SC Packages	Function
Room Temperature	MONITOR	Room Temperature(s)	MONITOR
Duct Temperature(s)	MONITOR	Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR	MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR	Kitchen RTU Discharge Temperature	MONITOR
Fan Speed	MONITOR	Controller Faults	MONITOR
Fan Amperage	MONITOR	Fan Faults	MONITOR
Fan Power	MONITOR	Fan Status	MONITOR
VFD Faults	MONITOR	PCU Faults	MONITOR
Controller Faults	MONITOR	PCU Filter Clog Percentages	MONITOR
Fan Faults	MONITOR	Fan Conditions	MONITOR
Fan Status	MONITOR	CORE Fire System	MONITOR
PCU Faults	MONITOR	Building Pressures	MONITOR
PCU Filter Clog Percentages	MONITOR	Fans Buttons(s)	MONITOR & CONTROL
Fire Condition	MONITOR	Lights Buttons(s)	MONITOR & CONTROL
CORE Fire System	MONITOR	Wash Button	MONITOR & CONTROL
Building Pressures	MONITOR		
Prep Time Button	MONITOR & CONTROL		
Fans Button	MONITOR & CONTROL		
Lights Button	MONITOR & CONTROL		
Wash Button	MONITOR & CONTROL		



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DESCRIPTION	DATE

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www.captiveware.com

CULVERS CLEWISTON FL  
Clewiston, FL, 33440

DATE: 6/20/2025

DWG.#:  
7595304

DRAWN BY: studdy jr

SCALE:  
3/4" = 1'-0"

MASTER DRAWING

SHEET NO.  
11

DUCTWORK #1 PARTS - JOB#7595304 DOUBLE WALL GREASE DUCT

TAG	PART #	CFM	GPM	ZONE	COVEREDBY	SP	WEIGHT	VELOCITY	QTY	DESCRIPTION
P1	DW1247DWLT-2R-S						54.71		1	DOUBLE WALL DUCT - 12" INNER DUCT, 47' LONG - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL.
P2	DW1235DWLT-2R-S						40.86		1	DOUBLE WALL DUCT - 12" INNER DUCT, 35' LONG - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL.
P3	DW1247DWAJD-2R-S						83.19		1	DOUBLE WALL ADJUSTABLE DUCT - 12" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL. MIN LENGTH = 11' / MAX LENGTH = 48.5' / ADJUSTMENT = 30.5' / ADJUSTABLE SECTION MAY NEED TO BE CUT. INCLUDES SINGLE AND DOUBLE WALL "V" CLAMPS.
P4 ASSEMBLED W/P5	DW124550DWLTP-2R-S						53.52		1	DOUBLE WALL DUCT - 12" INNER DUCT, 45.5' LONG - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL - USED WITH TRANSITION PLATE.
P5 ASSEMBLED W/P4 D=B	DW2312TPDBEX						8.00		1	DUCT TO CURB TRANSITION 3/4" DOWN TURN, 23" CURB TO 12" DUCT, 16 GA ALUMINIZED. USED ON NCA14FA & NCA14HPFA. TRANSITION PLATE DD IS 23.5" DESIGNED FOR USE WITH EXHAUST FAN.
P6	DW1247DWLT-2R-S						54.71		1	DOUBLE WALL DUCT - 12" INNER DUCT, 47' LONG - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL.
P7	DW1235DWLT-2R-S						40.86		1	DOUBLE WALL DUCT - 12" INNER DUCT, 35' LONG - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL.
P8	DW1247DWAJD-2R-S						83.19		1	DOUBLE WALL ADJUSTABLE DUCT - 12" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL. MIN LENGTH = 11' / MAX LENGTH = 48.5' / ADJUSTMENT = 30.5' / ADJUSTABLE SECTION MAY NEED TO BE CUT. INCLUDES SINGLE AND DOUBLE WALL "V" CLAMPS.
P9 ASSEMBLED W/P10	DW124550DWLTP-2R-S						53.52		1	DOUBLE WALL DUCT - 12" INNER DUCT, 45.5' LONG - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL - USED WITH TRANSITION PLATE.
P10 ASSEMBLED W/P9 D=B	DW2312TPDBEX						8.00		1	DUCT TO CURB TRANSITION 3/4" DOWN TURN, 23" CURB TO 12" DUCT, 16 GA ALUMINIZED. USED ON NCA14FA & NCA14HPFA. TRANSITION PLATE DD IS 23.5" DESIGNED FOR USE WITH EXHAUST FAN.
	3M-2000PLUS						0.80		2	DUCT - 3M FIRE BARRIER 2000 PLUS SILICONE - USED AS SEALANT TO SEAL DUCT JOINTS.
	DW12DWCLASY-2R-S						6.44		4	DUCT - 12" DUCT - 16" DOUBLE "V" CLAMP - 2R INSULATION & SINGLE "V" CLAMP INCLUDED - REDUCED CLEARANCE.
TOTAL WEIGHT							507.92			

DOUBLE WALL FACTORY BUILT DUCTWORK

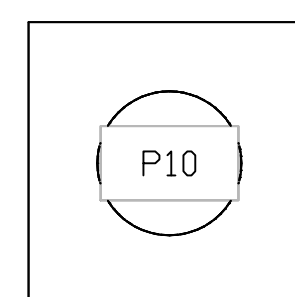
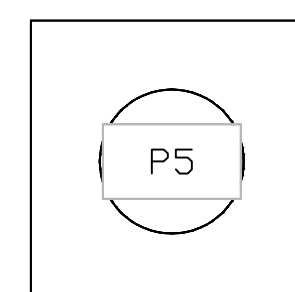
- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
- FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE ENTIRE INSTALLATION AND OPERATION MANUAL.
- DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE HOOD OR AN APPROVED GREASE COLLECTION RESERVOIR.
- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

HORIZONTAL	
DUCT DIAMETER	SUPPORT SPACING (FT)
5'	7'
6'	7'
7'	7'
8'	7'
10'	7'
12'	7'
14'	7'
16'	7'
18'	5'
20'	5'
22'	5'
24'	5'
26'	5'
28'	5'
30'	5'
32'	5'
34'	5'
36'	5'

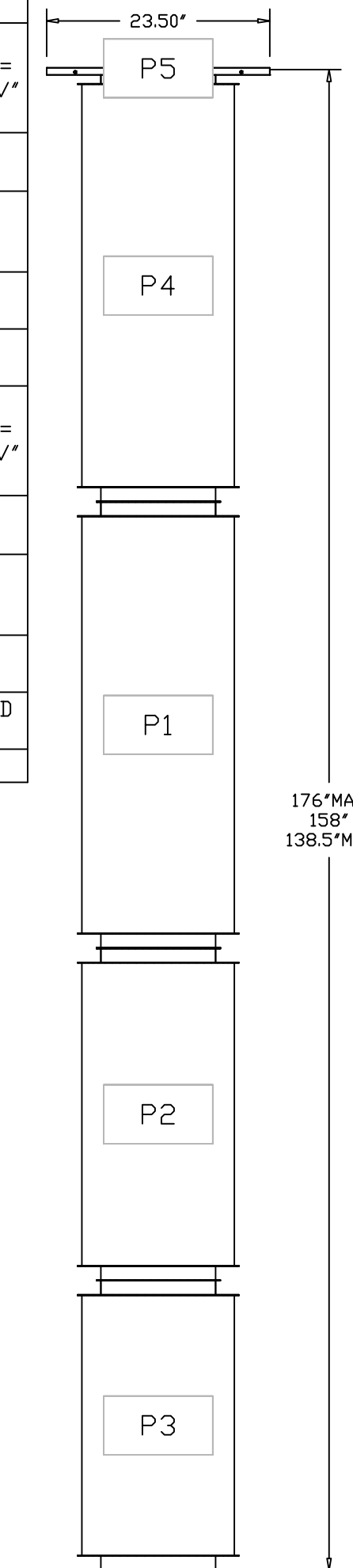
VERTICAL			
TYPE	WALL SUPPORT (FT)	CURB SUPPORT (FT)	FLOOR SUPPORT (FT)
2R & 2R HT (5'-16')	20'	24'	24'
2R (18')	18'	24'	24'
3R & 3Z (5'-24')	10'	24'	24'
3Z (26' -36')	10'	20'	20'

DO NOT LEAK TEST USING SMOKE BOMBS CONTAINING CHLORINES/CHLORIDES. CONSULT WITH CAPTIVEAIRE FOR PROPER LEAK TESTING METHODS.

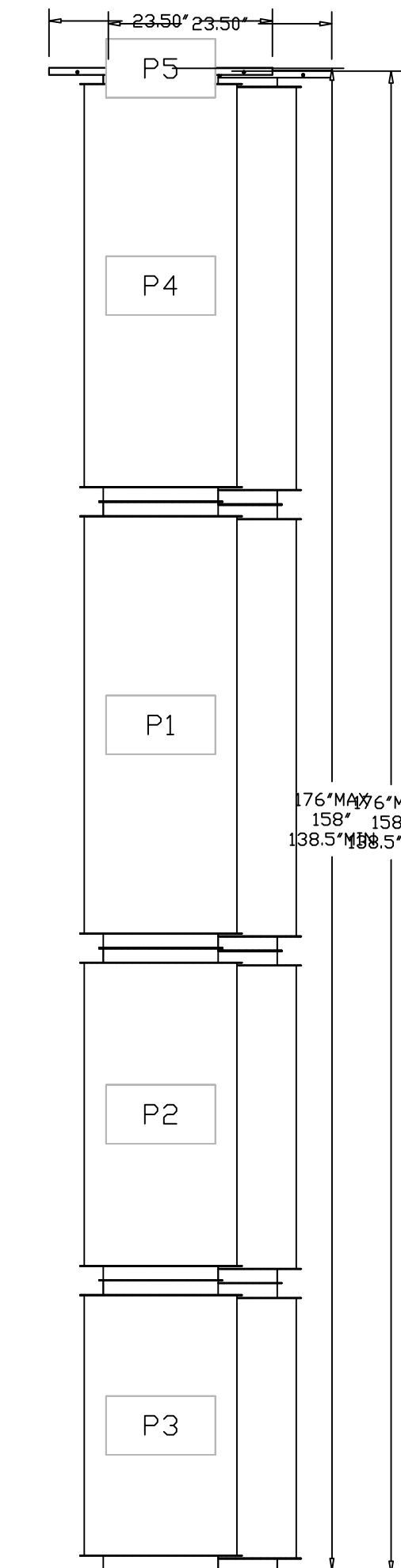
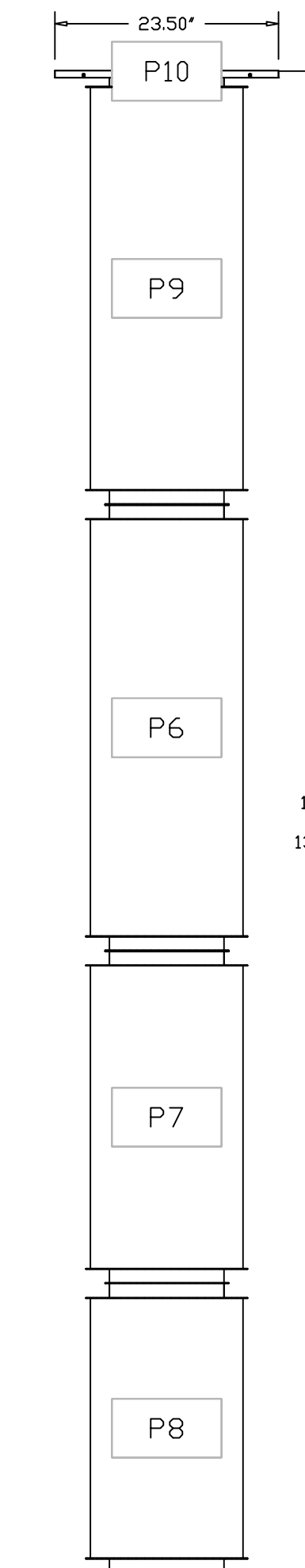
DUCTWORK #1 TOP VIEW GREASE DUCT



DUCTWORK #1 FRONT VIEW GREASE DUCT



DUCTWORK #1 SIDE VIEW GREASE DUCT



REVISIONS

NO.	DESCRIPTION	DATE



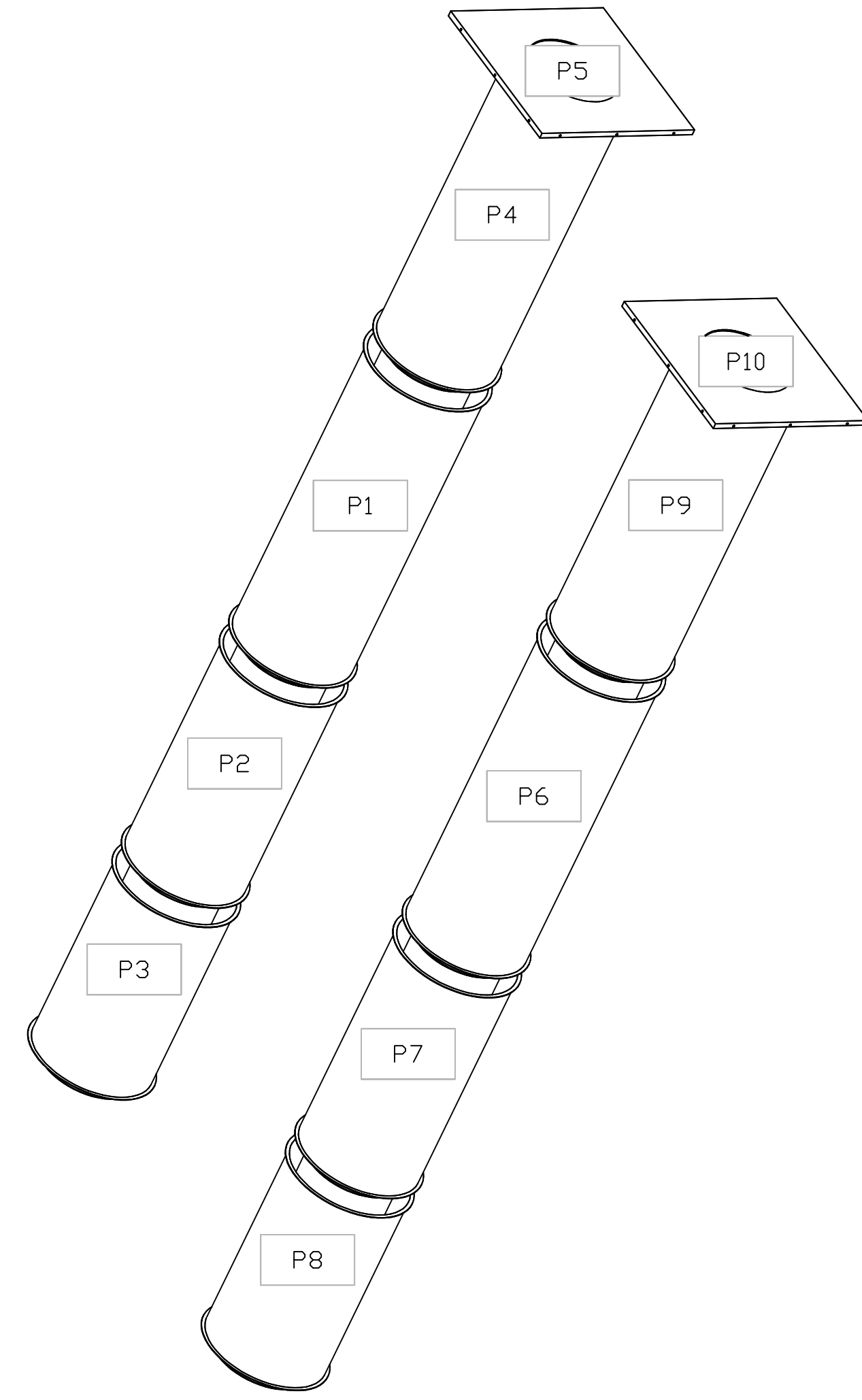
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Clewiston, FL, 33440

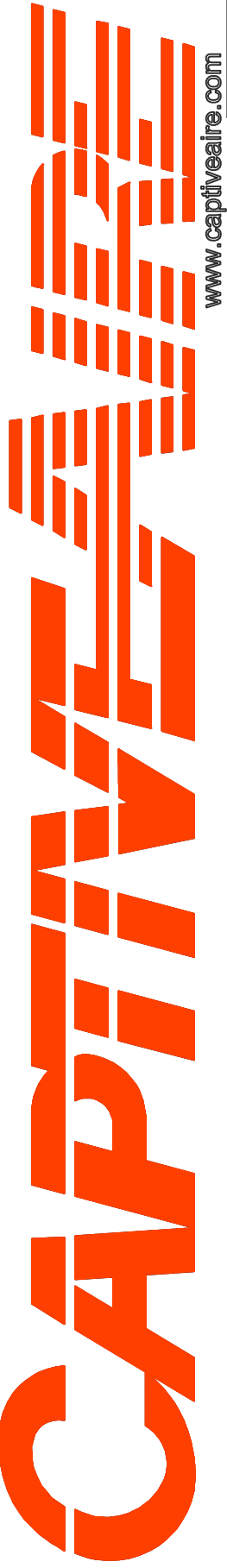
DATE: 6/20/2025  
DWG. #: 7595304  
DRAWN BY: sluddy jr  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING

SHEET NO.  
12

DUCTWORK #1 SE VIEW  
GREASE DUCT



REVISIONS	
DESCRIPTION	DATE
△	
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Clewiston, FL, 33440

DATE: 6/20/2025

DWG.#:  
7595304

DRAWN BY: sluddy jr

SCALE:  
3/4" = 1'-0"

MASTER DRAWING

SHEET NO.  
13

# GENERAL NOTES

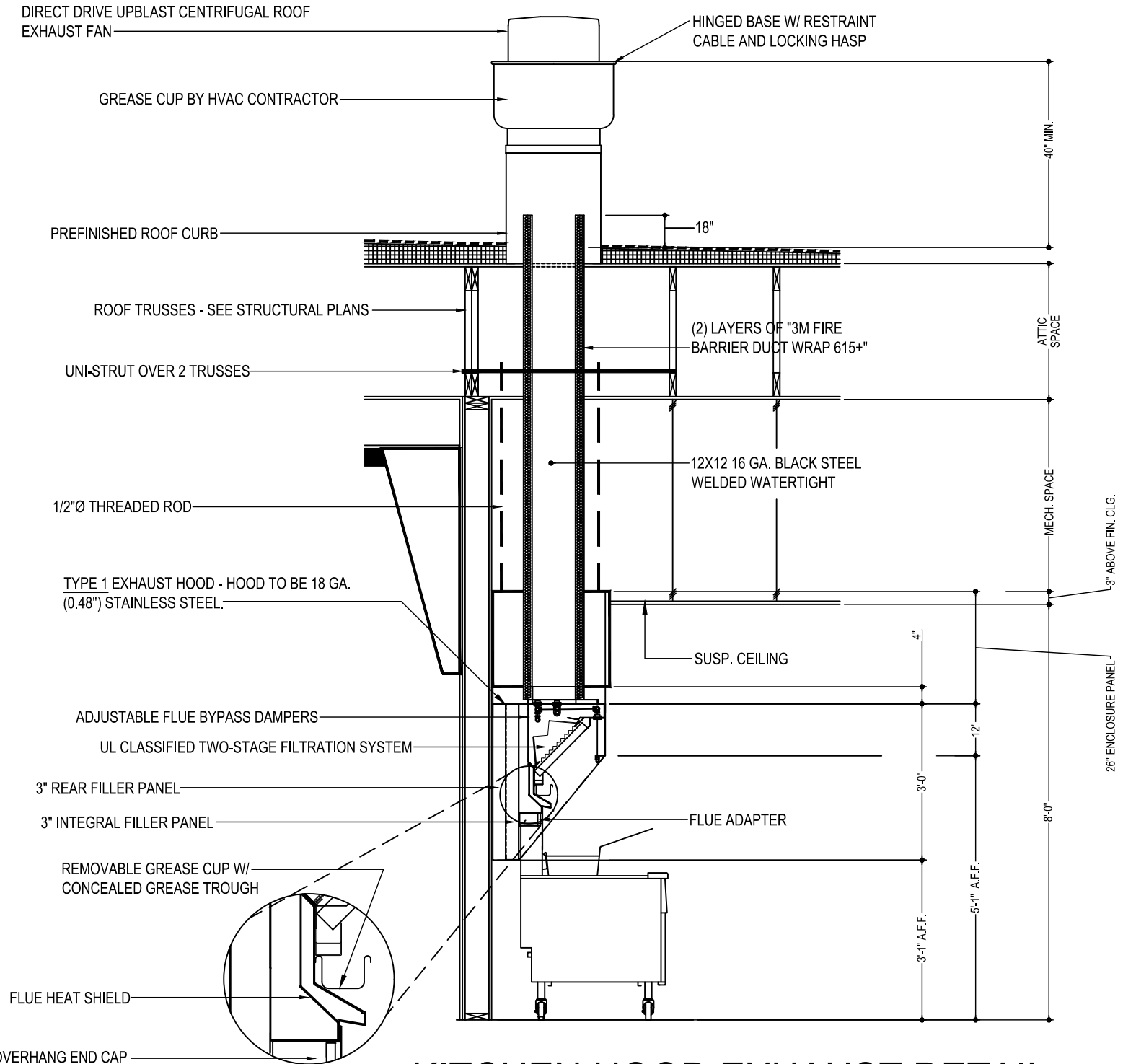
- DEVIATIONS FROM THE HVAC PLANS ARE THE RESPONSIBILITY OF THE HVAC CONTRACTOR & WILL NOT RESULT IN ADDITIONAL COSTS TO THE OWNER UNLESS WRITTEN CHANGE ORDERS ARE APPROVED BY THE OWNER.
- ALL WORK TO BE PERFORMED TO STATE CODE & SMACNA GUIDELINES.
- INSTALL UNITS ACCORDING TO MANUFACTURERS GUIDELINES.
- PROVIDE OWNER W/ OPERATION & MAINTENANCE MANUALS & SYSTEM SCHEMATICS.
- CONTRACTOR TO CONFIRM VOLTAGES & PHASES OF EQUIPMENT PRIOR TO INSTALLATION.
- VERIFY ALL EXISTING CONDITIONS PRIOR TO INSTALLATION (DRAWINGS ARE DIAGRAMMATIC IN NATURE & DO NOT REFLECT EXACT LOCATIONS OF EQUIPMENT OR OTHER APPARATUSSES.)
- PROVIDE SHOP DRAWINGS TO THE ARCHITECT/DESIGNER FOR EQUIPMENT, FANS, REGISTERS, ETC. PRIOR TO PROCUREMENT.
- PROVIDE OWNER W/ COLOR CHOICES FOR SWITCHES & OTHER APPARATUSSES WHERE APPLICABLE.
- VENT OWNER WATER HEATER AS REQUIRED.
- VENT DRYER THRU SIDEWALL TO EXTERIOR AS REQUIRED. MAINTAIN CLEARANCE FROM INTAKES AS NOTED.
- HANG & SUPPORT MATERIALS SHALL BE INSTALLED THE LATEST EDITION OF THE ASHRAE HANDBOOK OF FUNDAMENTALS.
- MAINTAIN AT LEAST 10 FEET CLEARANCE FROM INTAKES OR WINDOWS ON ALL EXHAUST VENTS.
- TEST, ADJUST, & CALIBRATE CONTROL SYSTEMS AS REQUIRED. PROVIDE SCHEMATICS / DESCRIPTION TO THE OWNER PRIOR TO INSTALLATION.
- INSTALLER RESPONSIBLE FOR FINAL TEST & BALANCING DURING TRAINING WEEK. PROVIDE WRITTEN REPORT BY THIRD PARTY INDEPENDENT TAB CONTRACTOR.
- VERIFY W/ OWNER EXACT HEATER LOCATION TO AVOID BUILDING FUNCTION INTERFERENCE.
- REPLACE ALL AIR FILTERS PRIOR TO TURNING SYSTEM OPERATIONS OVER TO OWNER.
- HVAC CONTRACTOR IS RESPONSIBLE FOR A COMPLETE & FULLY WORKING SYSTEM.
- DUCT DIMENSIONS LISTED ARE NET FREE - CLEAR INSIDE DIMENSIONS.
- VERIFY DUCT LOCATIONS PRIOR TO FABRICATION. (VERIFY LIMITED AREA FOR DUCTWORK & OTHER APPARATUSSES.)
- INSULATE DUCT WORK TO SMACNA GUIDELINES & STATE CODES.
- INSTALL VOLUME CONTROL DAMPERS AS INDICATED ON PLANS.
- FLEXIBLE ROUND DUCT WORK NOT TO EXCEED 8 FEET IN LENGTH, AVOID UNNECESSARY TURNS & SLACK.
- RETURN AIR DUCT WORK TO BE LINED FOR SOUND ATTENUATION.
- DUCT WORK TO BE STANDARD GAUGE SHEET METAL (FIBROUS DUCT NOT ALLOWED.)
- INSULATE EXHAUST DUCT FOR EXHAUST FAN TO EXTERIOR TERMINATION.
- COORDINATE WORK W/ GENERAL CONTRACTOR & OWNER TO MAXIMIZE CEILING HEIGHT & AVOID CONFLICTS.
- S/S WALL PANELS FOR THE KITCHEN AREA ARE TO BE FURNISHED AND INSTALLED BY THE HVAC CONTRACTOR. PANELS ARE TO BE 18 GA. TYPE 304 S/S. SEE DETAILS AND LOCATIONS ON THE A103 DRAWING.
- EXHAUST FANS AND FURNACE FANS TO RUN CONTINUOUSLY DURING OCCUPIED MODE.
- NIGHT SET BACK THERMOSTATS TO BE INSTALLED ON ALL HVAC EQUIPMENT.

## 2025-010 CULVER'S OF CLEWISTON, FL CLEWISTON, FL

UNIT No	AREA SERVED	SUPPLY FAN					COOLING				HEATING				ELECTRICAL (1)		ACCEPTABLE MANUFACTURERS				
		SUPLY FAN TYPE	SA FAN VFD	SUPPLY CFM	MIN OA CFM	ESP	OA TEMP °FDB	MIXED AIR TEMP °FDB	SUPPLY TEMP °FDB	COIL CAPACITY COIL LAT °FDB	GAS OR ELEC	OUTPUT KW	OAT °FDB	HEATING STAGES	VOLTAGE	PHASE					
RTU-1	DINING ROOM	VAV	YES	6,150	1,750	0.75"	92	77	80.12	67.69	55.00	54.73	170	79	ELEC	40	23	2	208	3	LENNOX, CAPTIVEAIRE
RTU-2	KITCHEN	VAV	YES	6,150	1,725	0.75"	92	77	80.05	67.45	55.00	54.72	169	74	ELEC	30	23	2	208	3	LENNOX, CAPTIVEAIRE

- ADDITIONAL FACTORY INSTALLED OPTIONS FOR BOTH UNITS:**
- WEATHERPROOF DISCONNECT
  - FACTORY INSTALLED/FIELD POWERED GFCI
  - RETURN SMOKE DETECTOR
  - DRAIN PAN OVERFLOW SWITCH
  - SINGLE ENTHALPY ECONOMIZER W/ FAULT DETECTION DIAGNOSTICS
  - BAROMETRIC RELIEF
  - HAIL GUARDS
  - 2" MERV 13 FILTERS
  - SS HEAT EXCHANGER
  - HOT GAS REHEAT
  - INDOOR/OUTDOOR COIL CORROSION PROTECTION
- ADDITIONAL FIELD INSTALLED OPTIONS FOR BOTH UNITS:**
- 14" DOWNFLOW HYBRID CURB
  - PVC DRAIN TRAP KIT
  - REMOTE TEMPERATURE AND HUMIDITY SENSORS
  - PROGRAMMABLE THERMOSTAT
  - OUTDOOR AIR CFM CONTROL
- NOTES:**
- NOTIFY ELECTRICAL CONTRACTOR OF BREAKER REQUIREMENTS AFTER SELECTION

- PRV-1 RESTROOM EXHAUST FAN - REFER TO SHEET M204
- PRV-2 GRIDDLE EXHAUST FAN - REFER TO SHEET M204
- PRV-3 FRYER EXHAUST FAN - REFER TO SHEET M204
- EF-1A MOP ROOM EXHAUST FAN - REFER TO SHEET M204
- ITEM #9A GRIDDLE HOOD - REFER TO SHEET M202
- ITEM #9A FRYER HOOD - REFER TO SHEET M202

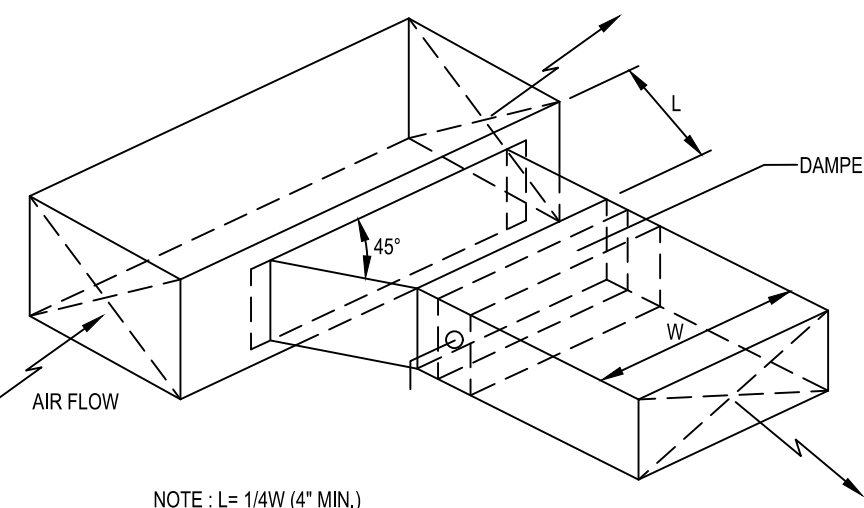


**C3 KITCHEN HOOD EXHAUST DETAIL**  
SCALE: N.T.S.  
VERIFY MOUNTING HEIGHTS W/ OWNER AND GENERAL CONTRACTOR

- ### CONTROL NOTES
- NOTE: KITCHEN HOODS SUPPLIED AND INSTALLED BY HVAC CONTRACTOR
- WIRE RTU-1, RTU-2 TO SHUT-DOWN & EXHAUST HOOD FANS TO CONTINUE TO RUN UPON ACTIVATION OF THE ANSUL SYSTEM.
  - WIRE RTU-1 & RTU-2 TO SHUT-DOWN UPON ACTIVATION OF ANY IN-DUCT SMOKE DETECTOR.
  - OCCUPIED MODE: FANS IN RTU-1 & RTU-2, EXHAUST FANS PRV-1, PRV-2, PRV-3 AND EF-1 TO RUN CONTINUOUSLY.
  - UNOCCUPIED MODE: FANS IN RTU-1 & RTU-2 TO RUN ONLY WHEN COOLING OR HEATING IS CALLED FOR.

- ### TEST & BALANCE NOTES
- TEST, ADJUST, AND BALANCE ALL NEW SUPPLY, RETURN, OUTDOOR AIR INTAKE, AND EXHAUST FANS TO +10.0% OF INDICATED AIRFLOWS. INSTALLER RESPONSIBLE FOR FINAL TEST & BALANCING DURING TRAINING WEEK. PROVIDE WRITTEN REPORT BY THIRD PARTY INDEPENDENT TAB CONTRACTOR.
  - ESTABLISH MINIMUM OUTSIDE AIR FLOW INDICATED ON SCHEDULES AT ALL SUPPLY FAN SPEEDS.

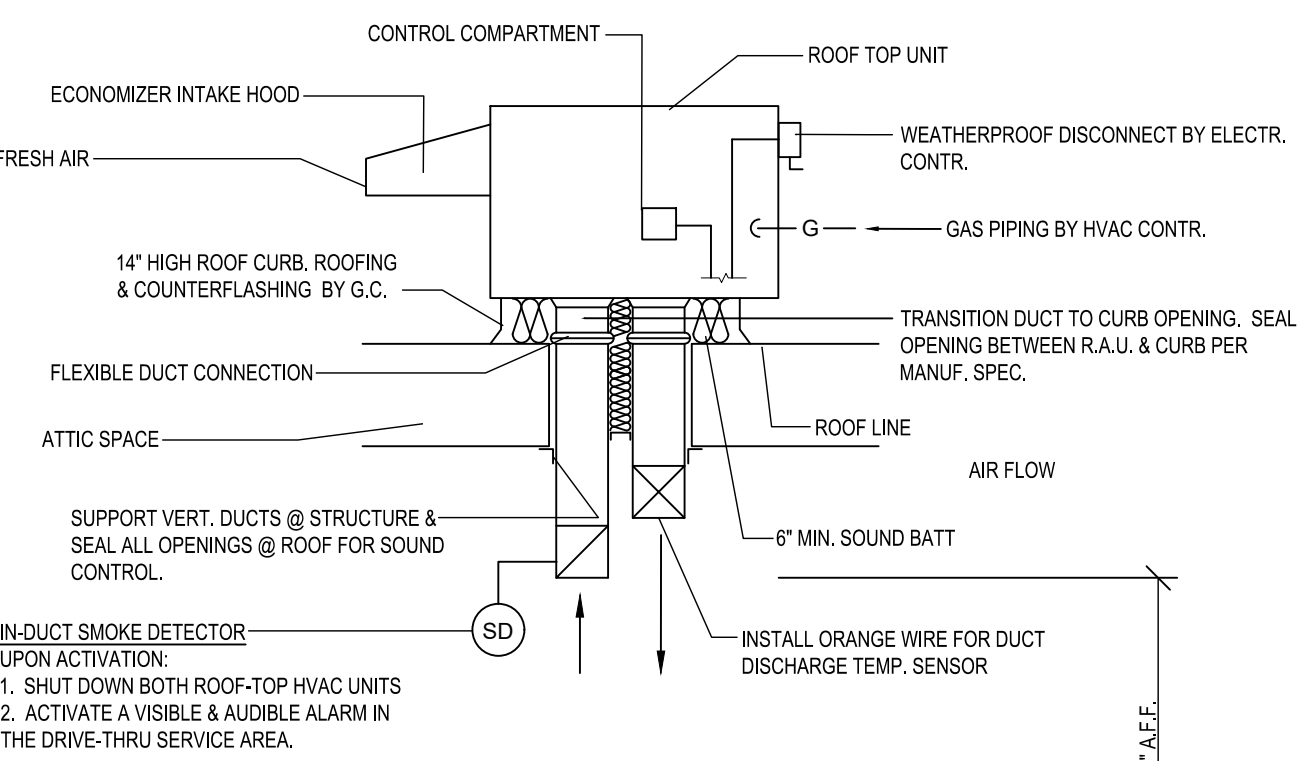
AIR BALANCE TABLE				
EXHAUST AIR FLOW				
EQUIPMENT TAG	SERVICE	CFM		
PRV-1	RESTROOMS	400		
PRV-2	ITEM #49	1,500		
PRV-3	ITEM #59	1,500		
EF-1A	MOP ROOM	75		
TOTAL =		3,475		
VENTILATION REQUIRED PER 2023 FLORIDA BUILDING CODE, MECHANICAL, EIGHTH EDITION				
EQUIPMENT TAG	SERVICE	CFM		
RTU-1	DINING ROOM	1,825		
RTU-2	KITCHEN	220		
TOTAL =		2,045		
3,475 > 2,045 -> USE 3,475 CFM FOR OUTSIDE AIR CFM				
OVERALL AIRFLOW SUMMARY				
EQUIPMENT TAG	SERVICE	SUPPLY CFM	RETURN CFM	OUTSIDE AIR CFM
RTU-1	DINING ROOM	6,150	4,400	1,750
RTU-2	KITCHEN	6,150	4,425	1,725
TOTAL OUTSIDE AIR CFM =				3,475



**C6 BRANCH DUCT TAKEOFF DETAILS**  
SCALE: N.T.S.

### NATIONAL ACCOUNT PROGRAM

- LENNOX INDUSTRIES, INC.** - ROOFTOP HVAC EQUIPMENT  
SALES: LennoxNationalAccounts@Lennoxind.com copy to Dave.Ebner@Lennoxind.com  
NATIONAL ACCOUNT TECHNICAL SUPPORT: (800) 367-6286 Option #2 lennoxind.com
- ACCUREX/ GREENHECK FAN CORPORATION** - KITCHEN HOODS, EXHAUST FANS, ROOF CURBS, ANSUL SYSTEMS, ACCESSORIES AND TEST AND BALANCE  
CONTACT PHILIP KRAFT: 1-262-227-7865 philip.kraft@accurex.com  
SECONDARY CONTACT BRAD BORCHARDT: 1-715-551-0869 brad.borchardt@accurex.com  
SECONDARY CONTACT ANDY JACOBS: andy.jacobs@accurex.com  
ACCUREX WILL PROVIDE BALANCED AIRFLOW AND FUNCTIONAL CHARACTERISTICS OF THE HVAC AS THEY RELATE TO AIRFLOW AND RESISTANCE ONLY. SERVICES TO BE PERFORMED BY A CERTIFIED NEBB FIRM AND ITS MANAGING GROUP - NATIONAL TAB
- RAYMON AIR DISTRIBUTION EQUIPMENT** - DIFFUSERS AND GRILLES  
NATIONAL ACCOUNTS SALES: HUNZICKER LLC, MARIE WILSON - (608) 945-9551 marie@hunzickercil.com



**A6 ROOFTOP HVAC UNIT**  
SCALE: N.T.S.

### LENNOX SETTINGS FOR CULVERS

IN ORDER TO SET UP THE RTUS YOU WILL NEED TO DOWNLOAD LENNOX CORE SERVICE APP, AND PAIR YOUR DEVICE WITH THE CORE CONTROLLER. ONCE PAIRED YOU WILL SEE THE OPERATION OVERVIEW SCREEN. SEE INSTALLATION MANUAL FOR INSTRUCTIONS ON DOWNLOADING THE APP, OR SCAN THE QR CODE ON THE FRONT COVER OF THE CONTROLLER

#### HEAT DELAY ADJUSTMENT

HEAT DELAY WILL BE PR66 IN THE CORE CONTROLLER AND CHANGED IN THE APP AS SHOWN IN THE MENU PATH BELOW. DEFAULT IS SET AT 3600 SECONDS.

- TAP THE MENU BUTTON, (THREE LINES IN THE UPPER LEFT OF THE SCREEN) TO OPEN THE MENU
- TAP SETUP
- TAP TEST AND BALANCE
- TAP DAMPER

• THERE ARE SEVERAL SETTINGS TO SELECT IN THIS MENU PATH BEFORE REACHING THE DESIRED SETTING. FRESH AIR HEATING ENABLED =YES OR NO. AFTER ENABLING FAH THE NEXT SCREEN WILL ALLOW THE FAH SET POINT TO BE CONFIGURED. SUGGESTED FAH TEMPERATURE RANGES 65-67 DEGREES F. VERIFY WITH ENGINEER

#### GLOBAL ECONOMIZER MODE (KITCHEN UNIT ONLY)

THIS IS SET BY CHANGING CONFIGURATION ID#1 CHARACTER 2 TO G

- FROM THE MAIN SCREEN (OPERATION OVERVIEW) TAP THE MENU BUTTON (THREE LINES IN THE UPPER LEFT OF THE SCREEN) TO OPEN THE MENU
- TAP INSTALL
- TAP NEXT ON DATE AND TIME
- TAP NEXT ON RTU NAME, MODEL NUMBER, SERIAL NUMBER AND CATEGORY IF ALREADY ENTERED, IF NOT PLEASE ENTER
- TAP CONFIGURATION ID 1 AND CHANGE 2ND CHARACTER TO G

#### ECONOMIZER MINIMUM POSITION SET-UP

THIS IS ADJUSTED THROUGH THE MENU FROM THE MAIN SCREEN

- TAP THE MENU BUTTON (THREE LINES IN THE UPPER LEFT OF THE SCREEN)
- SCROLL DOWN AND TAP RTU OPTIONS
- TAP EDIT PARAMETERS
- CHOOSE FROM THE CATEGORY OF PARAMETERS LISTED (AIRFLOW)
- CHOOSE THE PARAMETER TO ADJUST (132) MINIMUM FRESH AIR DAMPER POSITION DURING OCCUPIED OPERATION

#### OCCUPIED AND UNOCCUPIED

- USING 24V THERMOSTAT CONTROL, OCCUPIED/ UNOCCUPIED WILL BE DETERMINED BY INPUT ON P297-8 ON THE IM BOARD
- FOR (KITCHEN UNIT ONLY) BOTH THE THERMOSTAT AND HOOD FANS MUST BE TIED INTO P297-8 ON THE IM CONTROL BOARD

ENSURE THAT THE PROBE STYLE SENSOR GETS INSTALLED IN THE SUPPLY DUCTWORK FOR FAH/FAFC TO OPERATE PROPERLY.

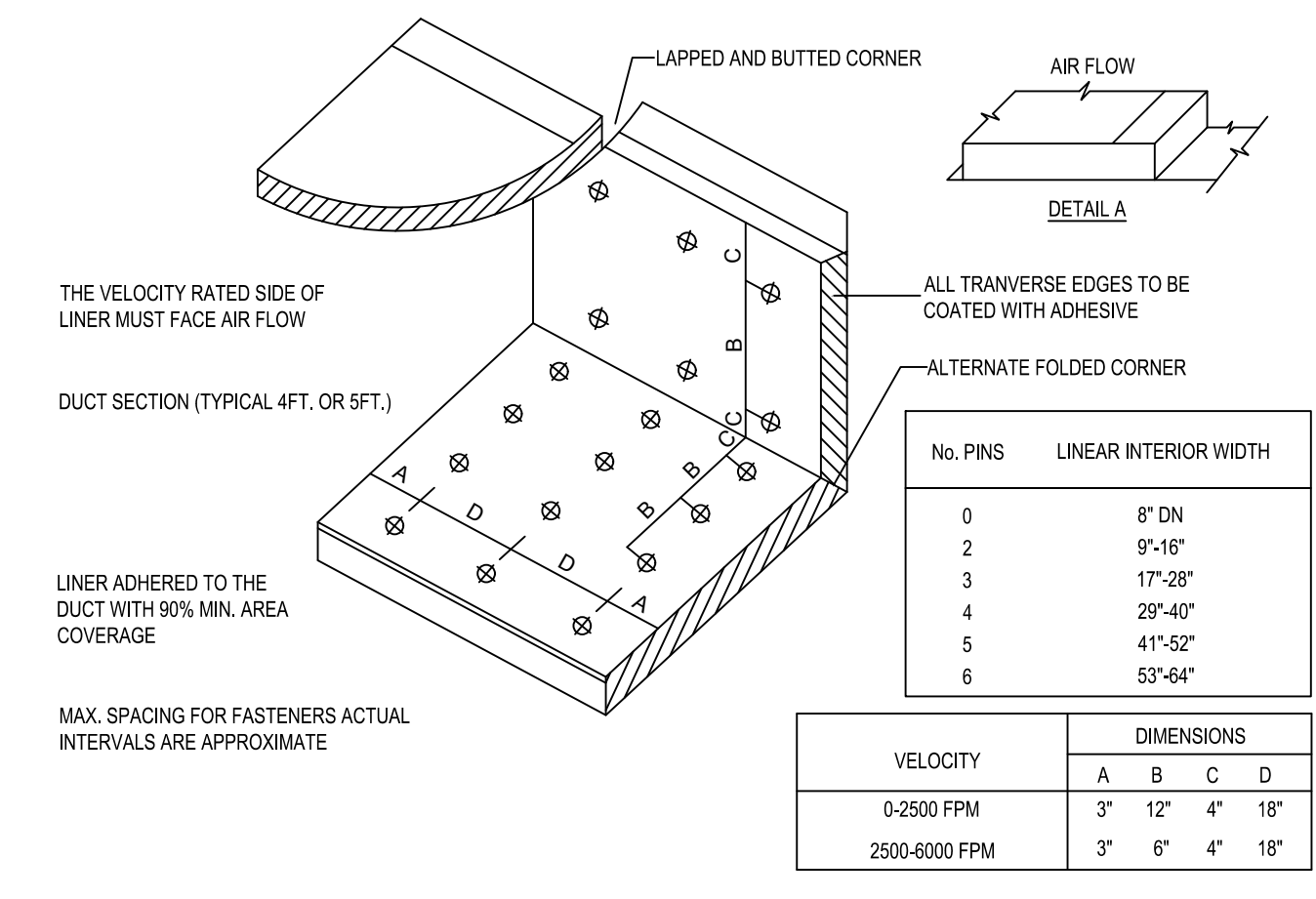
FOR HELP PLEASE CALL LENNOX NATIONAL ACCOUNT TECH SUPPORT AT 1-800-367-6285

CHECK FOR CORRECT OPERATION AND WIRING OF ALL SENSORS

- ### COOKING APPLIANCE / TYPE 1 HOOD INTERLOCK
- REMOTE SWITCH ON - POWER TO KITCHEN FAN CONTROL CENTER (KFCC)
  - KFCC CONTROLS
    - EXHAUST FANS PRV-2 (GRILLE) & PRV-3 (FRYERS) ARE STARTED.
    - OPENS OUTSIDE AIR INTAKE ON RTU-1 & RTU-2 TO MINIMUM FRESH AIR OPENING.
    - POWER TO OUTLETS #51 (GRILLE) & #60 (FRYERS).
  - GRILLE & FRYER CAN BE STARTED.
  - IN CASE OF FIRE:
    - SHUT TRIP BREAK FOR GRILLE & FRYERS OUTLET TRIPS.
    - ANSUL SYSTEM IS ACTIVATED.
    - THE MECHANICAL GAS VALVES CLOSES.
    - SHUT DOWN RTU-1 & RTU-2 & CLOSE OUTSIDE AIR.
    - EXHAUST FANS PRV-2 & PRV-3 CONTINUE TO RUN.

### GREASE HOOD FIRE SUPPRESSION SYSTEM

WET-CHEMICAL EXTINGUISHING SYSTEMS SHALL BE INSTALLED, MAINTAINED, PERIODICALLY INSPECTED AND TESTED IN ACCORDANCE WITH NFPA 17A AND THEIR LISTING.



**E5 DUCT LINER INSTALLATION DETAIL**  
SCALE: N.T.S.  
NOTE: USE ONLY ON VERTICAL DROP FROM RTU TO WITHIN 9'-10" A.F.F. DUCT LINER WILL NOT BE PERMITTED ON ANY HORIZ. RUNS.

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**NEW CULVER'S RESTAURANT**  
1030 W Sugarland Highway  
Clewiston, FL 33440  
County of HENDRY

SEAL

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**HVAC SCHEDULE & DETAILS**

Revision: \_\_\_\_\_

Date: 5-02-2025

2025-010

**M201**