



# CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

## Project Description:

Change exhaust equipment

200 E Martin St

Address

Moore Square

Historic District

Historic Property

COA-0133-2025

Certificate Number

10/6/2025

Date of Issue

4/6/2026

Expiration Date

*This card must be kept posted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.*

Signature, \_\_\_\_\_

*Collette K*

Raleigh Historic Development Commission

*Pending the resolution of appeals, commencement of work is at your own risk.*



Type or print the following:

Applicant name: Matthew Konar Architect PLLC

Mailing address: 611 W Club Boulevard

City: Durham

State: North Carolina

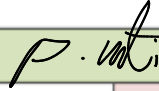
Zip code: 27701

Date: Thursday, 18 September 2025

Daytime phone #: (919) 801-9736

Email address: matthewk@matthewkonar.com

Applicant signature:



Minor work (staff review) – one copy

Major work (COA committee review) – ten  
copies

Additions > 25% of building sq. footage

New buildings

Demolition of building or structure

All other

Post approval re-review of conditions of  
approval

### Office Use Only

Transaction #: \_\_\_\_\_

File #: COA-0133-2025

Fee: \_\_\_\_\_

Amount paid: \_\_\_\_\_

Received date: \_\_\_\_\_

Received by: \_\_\_\_\_  
\_\_\_\_\_

Property street address: 200 E Martin Street, Suite 101, Raleigh, North Carolina 27601

Historic district: Moore Square Historical District

Historic property/Landmark name (if applicable): n/a

Owner name: Hakan Market Partners

Owner mailing address: 410 Palm Avenue, Suite B4, Carpinteria, California 93013

**For applications that require review by the COA Committee (major work), provide addressed and stamped envelopes for owners for all properties with 100 feet on all sides of the property, as well as the property owner.**

Property Owner Name & Address

Property Owner Name & Address


I understand that all major work applications that require review by the Raleigh Historic Development Commission's COA Committee must be submitted by 4 p.m. on the date of the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Will you be applying for rehabilitation tax credits for this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Office Use Only Type of work: <u>50, 81</u>
Did you consult with staff prior to filing the application? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

Design Guidelines: please cite the applicable sections of the design guidelines ( <a href="http://www.rhdc.org">www.rhdc.org</a> ).		
Section/Page	Topic	Brief description of work (attach additional sheets as needed).
2.6	Exterior Walls	replace existing hood exhaust fan on exterior wall with 'in kind' new exhaust fan

Minor Work Approval (office use only)	
Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until <u>04/06/2026</u> .	
Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.	
Signature (City of Raleigh) <u>Collette K</u>	Date <u>10/04/2025</u>

MINOR CCERTIFICATE of APPROPRIATENESS  
200 E Martin Street, Suite 101  
Raleigh, North Carolina 27601

Thursday, 18 September 2025

#### WRITTEN DESCRIPTION

The space at 200 E Martin Street, Suite 101, located on the corner of E Martin Street and S Blount Street and part of the building that is within the Moore Square Historic District, has an existing (over 30 years old and already there when the current Landlord acquired the building in 1995) non-conforming sidewall metal hood exhaust fan (commonly known as a 'mushroom'), approximately 40 inches in diameter, mounted on the exterior wall on the Blount Street side of the building, approximately 12 feet above the sidewalk.

(refer to photographs on the Color Photographs page.)

This Minor Certificate of Appropriateness application is for the proposed work to install a new in-kind, similar metal hood exhaust fan, approximately 40 inches in diameter, mounted in the same location on the exterior wall of the building as part of an Interior Alteration for a restaurant renovation.

(refer to the enclosed Hood drawings, page 4 for the exterior hood exhaust fan.)



MINOR CCERTIFICATE of APPROPRIATENESS  
200 E Martin Street, Suite 101  
Raleigh, North Carolina 27601

Thursday, 18 September 2025

PHOTOGRAPHS



PATENT NUMBERS

AC-PSP (UNITED STATES) - US PATENT 7963830 B2.  
AC-PSP WALL (CANADA) - CA PATENT 2820509.  
AC-PSP ISLAND (CANADA) - CA PATENT 2520330.

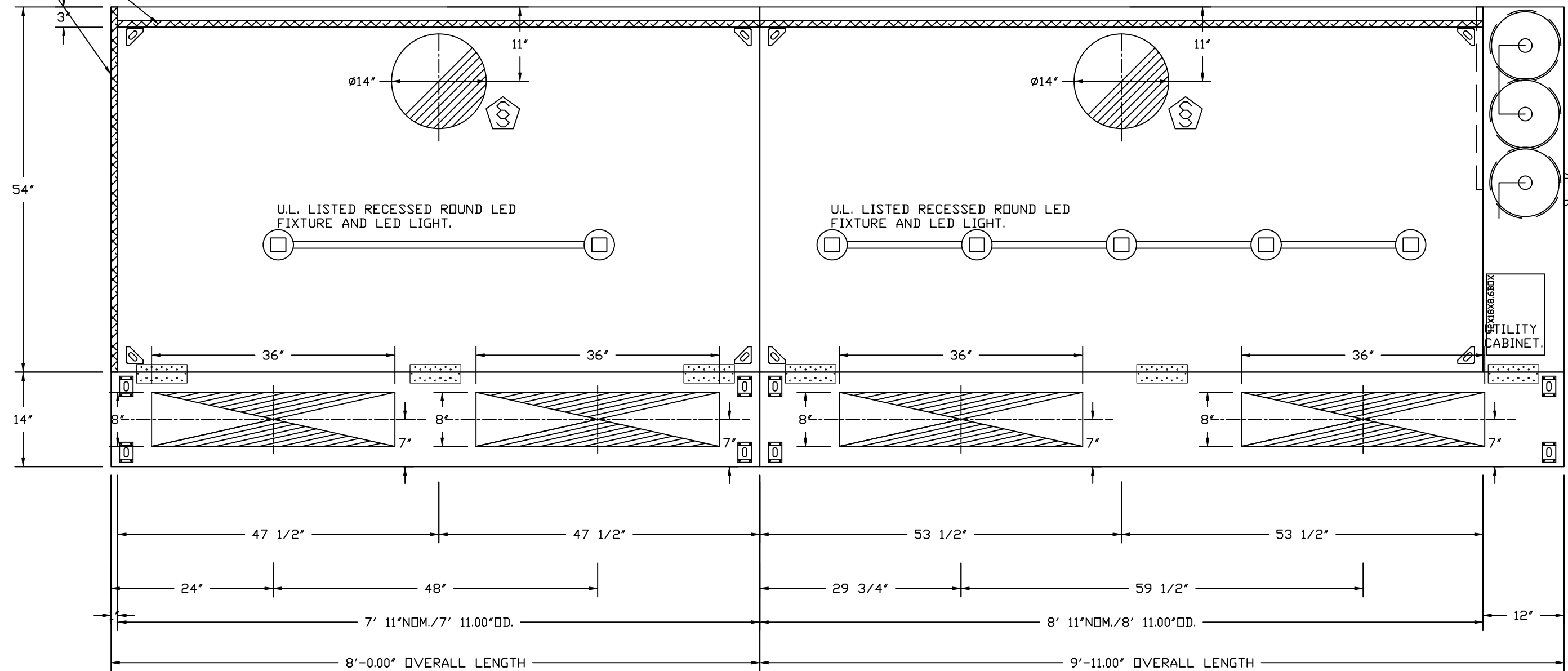
HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)							TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG								
																			WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP	END	ROW
1		5424 ND-2-PSP-F	CAPTIVEAIRE	7' 11"	600 DEG	I	HEAVY	200	1583				4'	14"	1583	1481	-0.599'	1266	430 SS WHERE EXPOSED	ALONE	ALONE						
2		5424 ND-2-PSP-F	CAPTIVEAIRE	8' 11"	600 DEG	I	HEAVY	240	2140				4'	14"	2140	2002	-0.986'	1263	430 SS WHERE EXPOSED	ALONE	ALONE						

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
												TYPE	SIZE	MODEL #			QUANTITY
1		CAPTRATE SOLO FILTER	5	20"	16"	85% SEE FILTER SPEC	2	RECESSED ROUND	NO							YES	522 LBS
2		CAPTRATE SOLO FILTER		20"	16"	85% SEE FILTER SPEC	5	RECESSED ROUND	NO	RIGHT	12"x54"x24"	TANK FS	4.0/4.0/4.0			YES	1067 LBS

HOOD NO	TAG	OPTION
1		FIELD WRAPPER 18.00" HIGH FRONT, LEFT.
		BACKSPLASH 80.00" HIGH X 96.00" LONG 430 SS VERTICAL.
		LEFT END STANDOFF (FINISHED) 1' WIDE 54" LONG INSULATED.
		INSULATION FOR TOP OF HOOD.
		INSULATION FOR BACK OF HOOD.
2		LEFT WALL AS END PANEL.
		FIELD WRAPPER 18.00" HIGH FRONT, RIGHT.
		FIELD WRAPPER 18.00" HIGH FRONT, RIGHT.
		INSULATION FOR TOP OF HOOD.
		INSULATION FOR BACK OF HOOD.
		RIGHT VERTICAL END PANEL 27" TOP WIDTH, 21" BOTTOM WIDTH, 80" HIGH INSULATED 430 SS.

HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISE(S)				
							WIDTH	LENGTH	DIA	CFM	SP
1		Front	96"	14"	6"	MUA	8"	36"		633	0.179"
						MUA	8"	36"		633	0.179"
2		Front	119"	14"	6"	MUA	8"	36"		631	0.153"
						MUA	8"	36"		631	0.153"

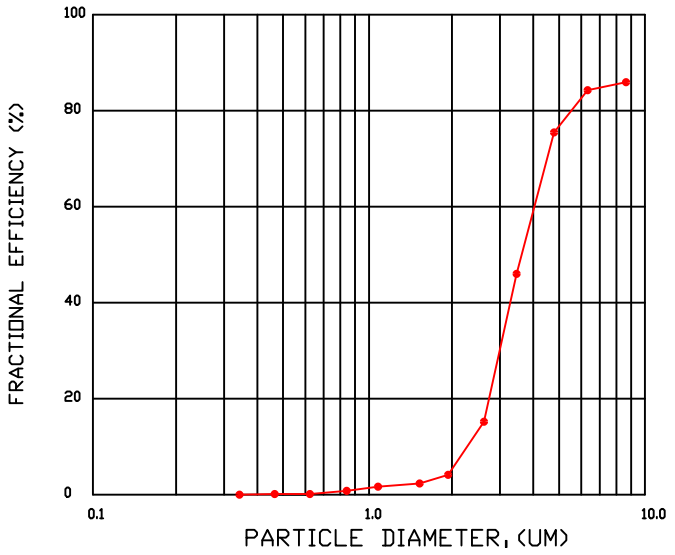
1" LAYER OF INSULATION  
FACTORY INSTALLED IN  
1.00" END STANDOFF MEETS  
0" REQUIREMENTS CLEARANCE  
TO COMBUSTIBLE SURFACES.



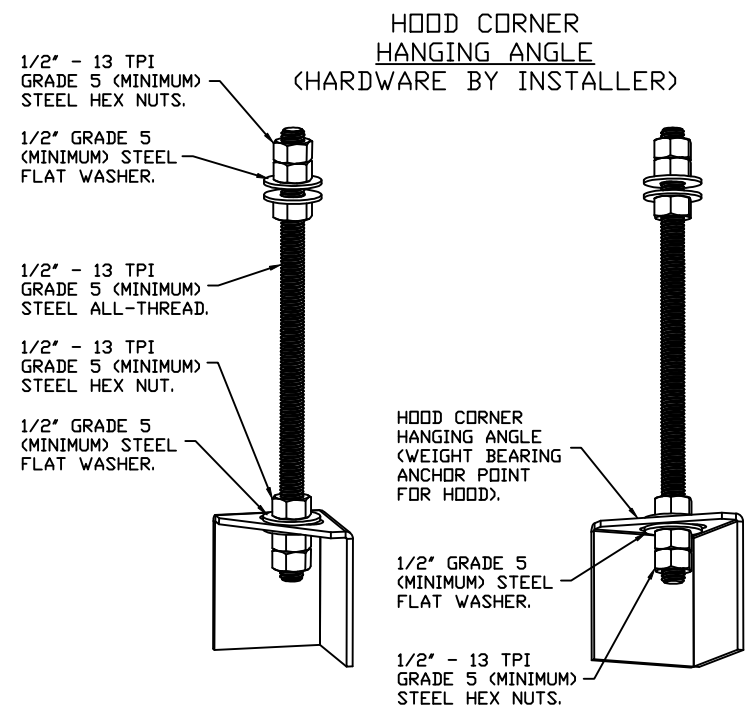
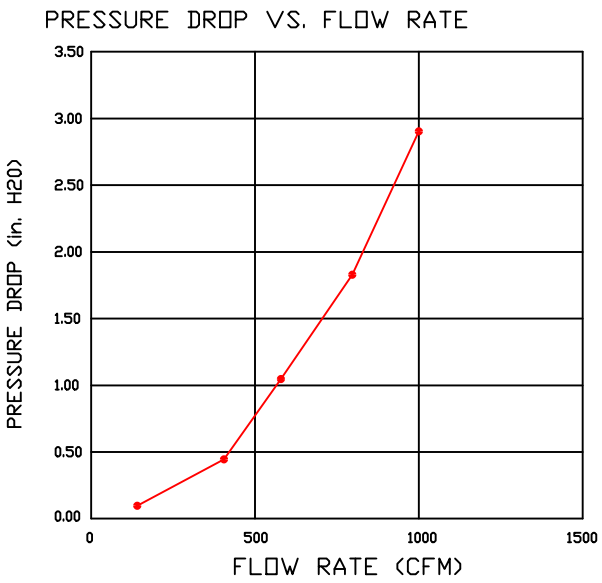
PLAN VIEW - HOOD #1  
7' 11.00" LONG 5424ND-2-PSP-F

PLAN VIEW - HOOD #2  
8' 11.00" LONG 5424ND-2-PSP-F

### 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.



HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

CAPTIVE-AIRE HOODS ARE  
BUILT IN COMPLIANCE WITH


 

NFPA #96  
NSF  
UL 710 & UL710 STANDARDS  
E.T.L. LISTED 3054804-001




\*FOR QUESTIONS\*  
CONTACT: REGION 36  
EASTERN NORTH CAROLINA  
PHONE: (919) 825-3566  
EMAIL: REG36@CAPTIVEAIRE.COM

REVISIONS		DATE:
DESCRIPTION		
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**Eastern North Carolina**

4641 Paragon Park Rd., Raleigh, NC, 27616 PHONE: (919) 825 - 3568 FAX: 919/227/5917 EMAIL: reg36@captiveair.com

Kokoro- 200 E Martin Street

300 East Martin Street,

Raleigh, NC, 27601

**DATE:** 8/25/2025

**DWG. #:**  
8190951

**DRAWN BY:** reg36

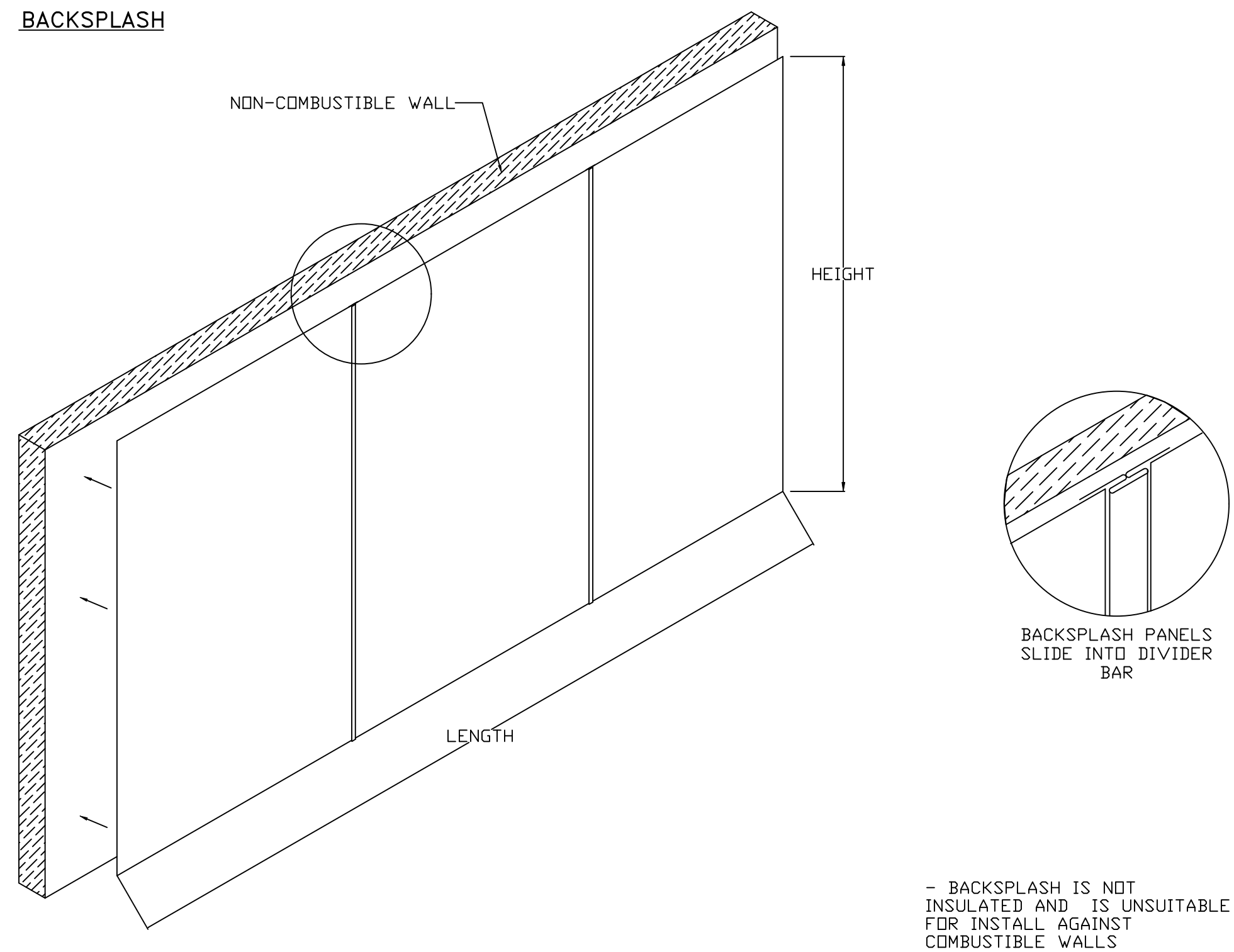
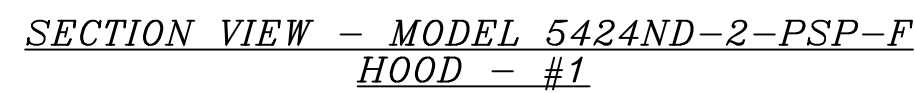
**SCALE:**  
3/4" = 1'-0"

**MASTER DRAWING**

**SHEET NO.**

1





	<b>REVISIONS</b>	
DATE:	DESCRIPTION	
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## Eastern North Carolina

4641 Paragon Park Rd., Raleigh, NC, 27616 PHONE: (919) 825-3568 FAX: 9192275917 EMAIL: reg36@captiveaire.com

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Kokoro- 200 E Martin Street

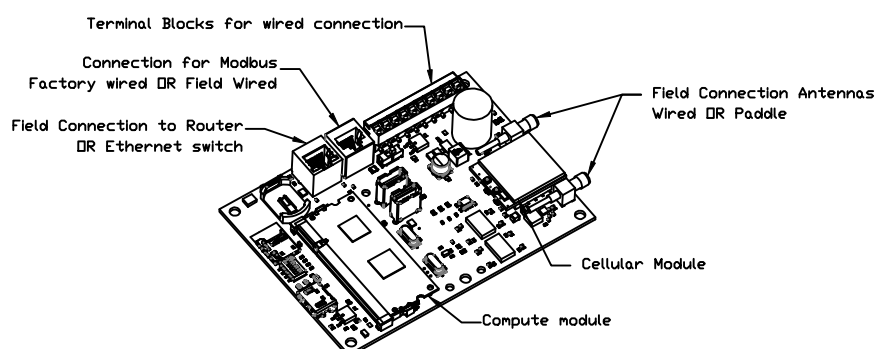
300 East Martin Street,

Raleigh, NC, 27601

<b>DATE:</b> 8/25/2025
<b>DWG.#:</b> 8190951
<b>DRAWN BY:</b> reg36
<b>SCALE:</b> $\frac{3}{4}" = 1'-0"$
<b>MASTER DRAWING</b>
<b>SHEET NO.</b>  <div align="center" style="margin-top: 10px;">2</div>

ELECTRICAL PACKAGE – JOB#8190951

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED			
				LOCATION	QUANTITY		TYPE	#	HP	VOLT FLA
1		SC-31110MA	WALL MOUNT IN SS BOX	FACE MOUNT RIGHT SIDE OF HOOD HOOD # 1	1 LIGHT 1 FAN	SMART CONTROLS THERMOSTATIC CONTROL W/ RELAY ON/OFF WITH SUPPLY	EXHAUST	3	3.000	208 9.4
							SUPPLY	3	2.000	208 5.7

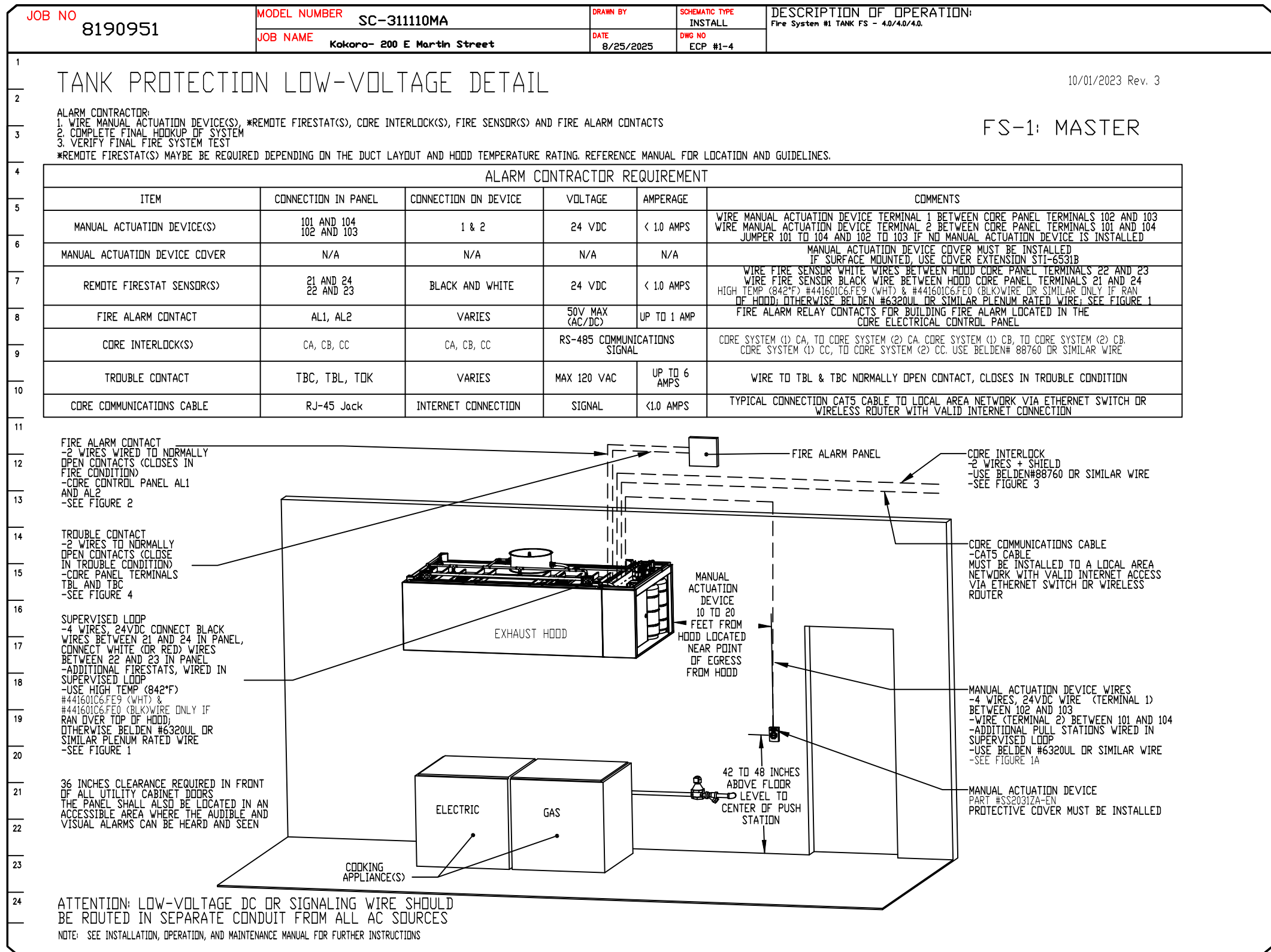
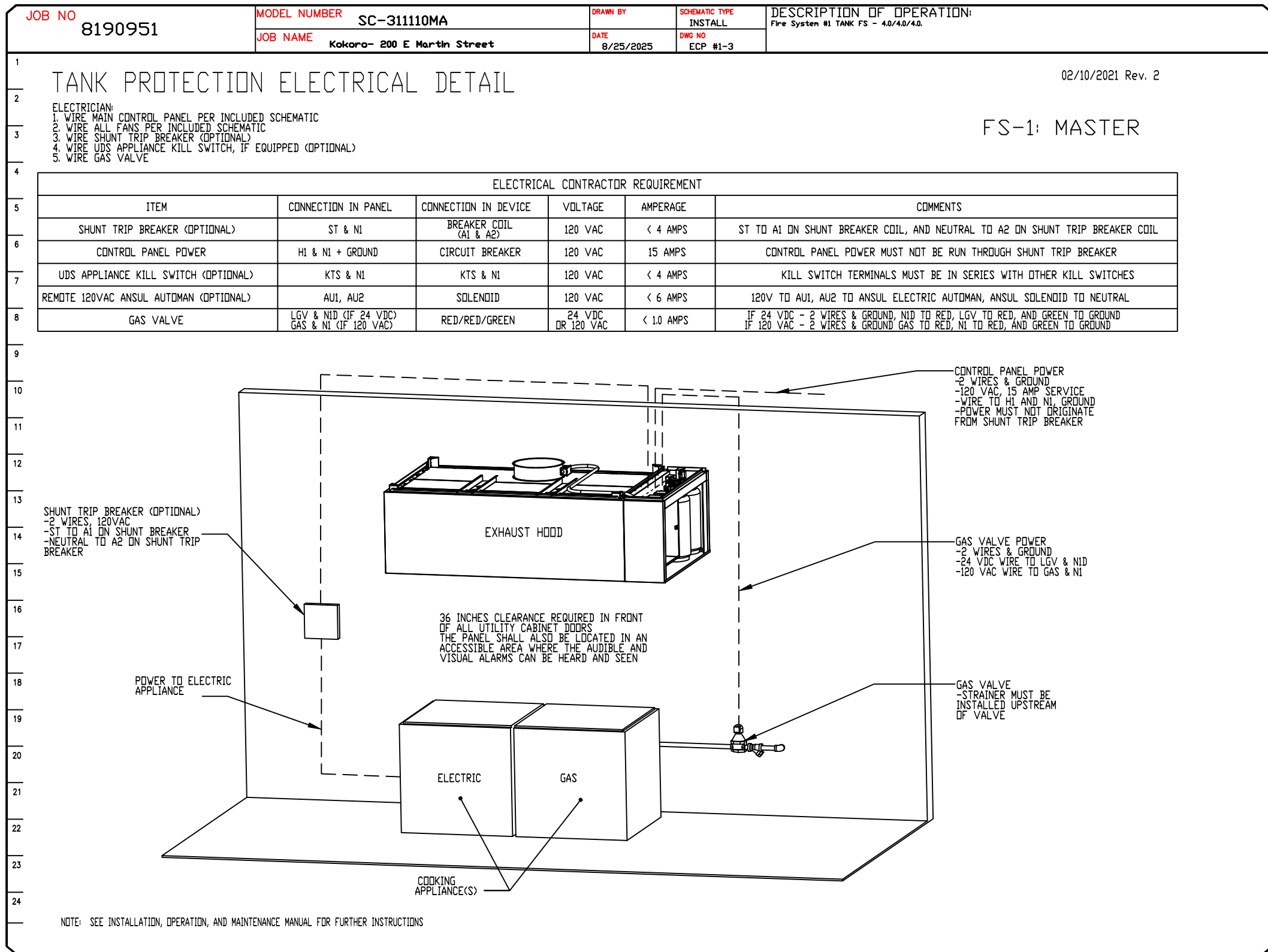
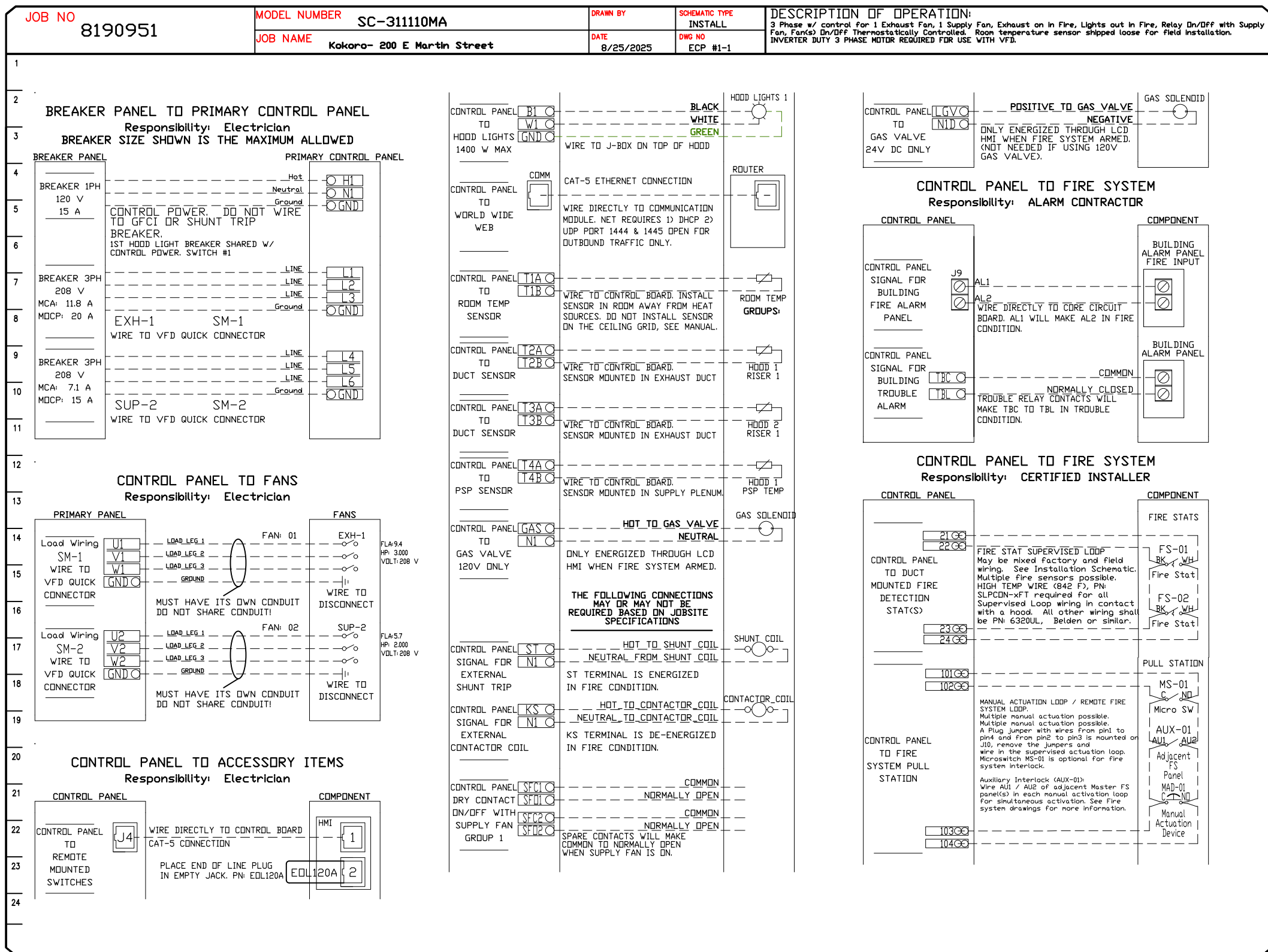


CASlink Monitor and Control

- Hood control panel to support communications to cloud-based Building Management System.
- 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	Pipe Condition	MONITOR
Fan Status	MONITOR	CORE Fire System	MONITOR
PCU Faults	MONITOR	Building Pressures	MONITOR
Pipe Condition	MONITOR	Pans Button(s)	MONITOR & CONTROL
CORE Fire System	MONITOR	Lights Button	MONITOR & CONTROL
Building Pressures	MONITOR	Wash Button	MONITOR & CONTROL
Prep Time Button	MONITOR & CONTROL		
Pans Button	MONITOR & CONTROL		
Lights Button	MONITOR & CONTROL		
Wash Button	MONITOR & CONTROL		



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DESCRIPTION	DATE:

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Kokoro- 200 E Martin Street

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Raleigh, NC, 27601

DATE: 8/25/2025

DWG.#: 8190951

DRAWN BY: reg36

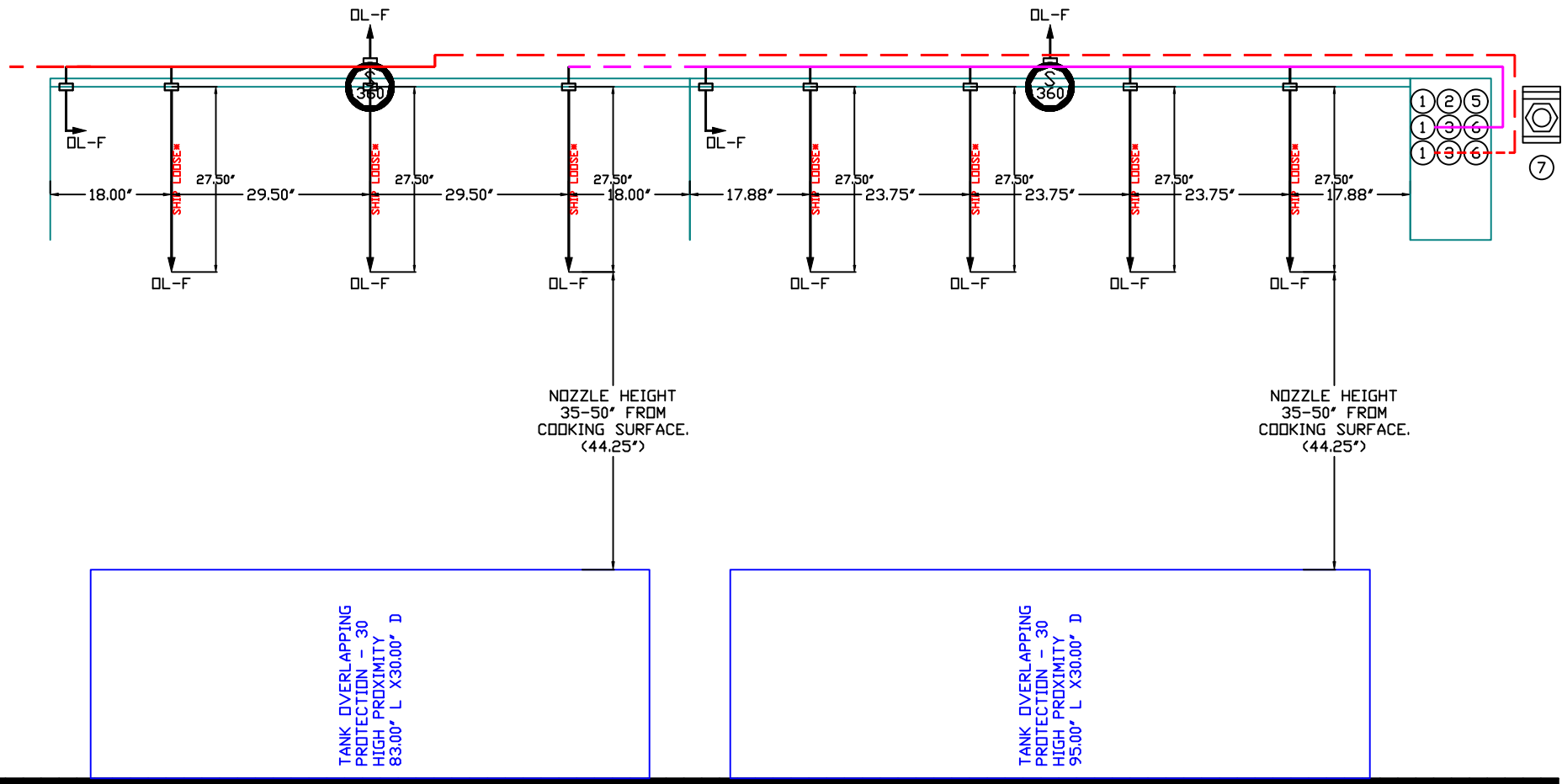
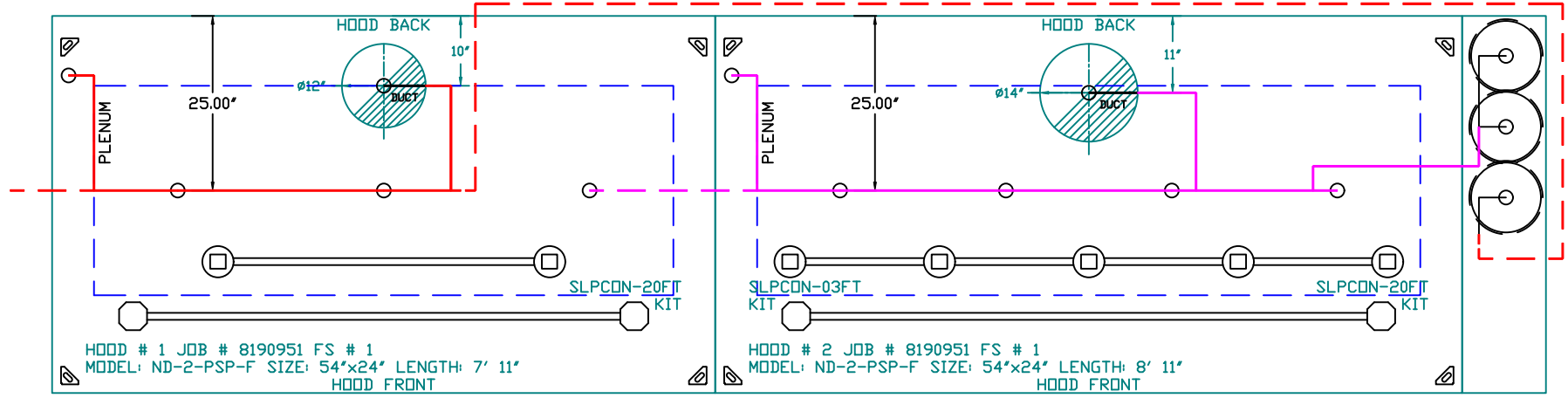
SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO.

3





## UL 300 HOOD FIRE SUPPRESSION SYSTEM

### TANK/CAS ELECTRIC WET CHEMICAL

The TANK / CAS-EWC Fire Suppression System has been tested and certified to the UL 1254 Standard for Pre-Engineered Chemical Extinguishing System Units and UL/ULC 300 Standard For Fire Extinguishing Systems For Protection of Commercial Cooking Equipment and is listed with Underwriters Laboratories (UL) under file number EX3559.

**SEQUENCE OF OPERATIONS**  
The TANK / CAS-EWC fire system is a self-contained pressurized fire suppression system. TANK / CAS-EWC is activated when the electric firestat contacts close (at determined firestat setting and/or temperature rate-of-rise of 40°F per minute) and/or the manual activation station is pushed, an electric signal is sent to the release solenoid of the fire system. When the release solenoid is opened, it allows stored pressure from the primary tank to travel through the primary actuator kit opening a pneumatic actuator. The pneumatic actuator forces the plunger in the tank valve body to open, allowing the liquid fire suppressant to be distributed throughout the fire system piping network over the protected hazard area.

- NOTES**
- FIELD PIPE DROPS AS SHOWN
  - PIPING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
  - FIELD INSTALLED DROP: FACTORY WILL PROVIDE QTY 2 60IN LONG PIECES OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
  - SHIP LOOSE DROP: FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED SHIPPED LOOSE TO BE FIELD-INSTALLED.
  - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
  - OVERLAPPING COVERAGE SHALL NOT BE USED ON ANY APPLIANCE WITH AN OBSTRUCTION.
  - IF APPLICABLE, EXTENDED PRE-PIPED DROPS ARE SHIPPED LOOSE.
  - FACTORY PIPING EXTENDS A MAXIMUM OF 6' ABOVE THE TOP OF THE HOOD.

- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
- THIS PRE-ENGINEERED FIRE SYSTEM COMPLIES WITH UL 300 REQUIREMENTS.

- DL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS

JOB #: 8190951.  
JOB NAME: KOKORO- 200 E MARTIN STREET.

SYSTEM SIZE: TANK-SP-3 DESIGN FP: 51. MAXIMUM FP: 60.  
HOOD # 1 7' 11.00" LONG x 54" WIDE x 24" HIGH.  
RISER # 1 SIZE: 12" DIA.  
HOOD # 1 METAL BLOW-OFF CAPS INCLUDED.  
HOOD # 2 8' 11.00" LONG x 54" WIDE x 24" HIGH.  
RISER # 1 SIZE: 14" DIA.  
HOOD # 2 METAL BLOW-OFF CAPS INCLUDED.

- HEAVY-DUTY APPLIANCES (RATED 600°F) WILL REQUIRE AN ADDITIONAL DOWNSTREAM FIRESTAT IN THE EVENT THAT THE DUCTWORK CONTAINS ANY HORIZONTAL RUNS OVER 25 FT IN LENGTH.
- MEDIUM TO LIGHT-DUTY APPLIANCES (RATED 450°F) WILL NOT REQUIRE ANY ADDITIONAL DOWNSTREAM DETECTION.

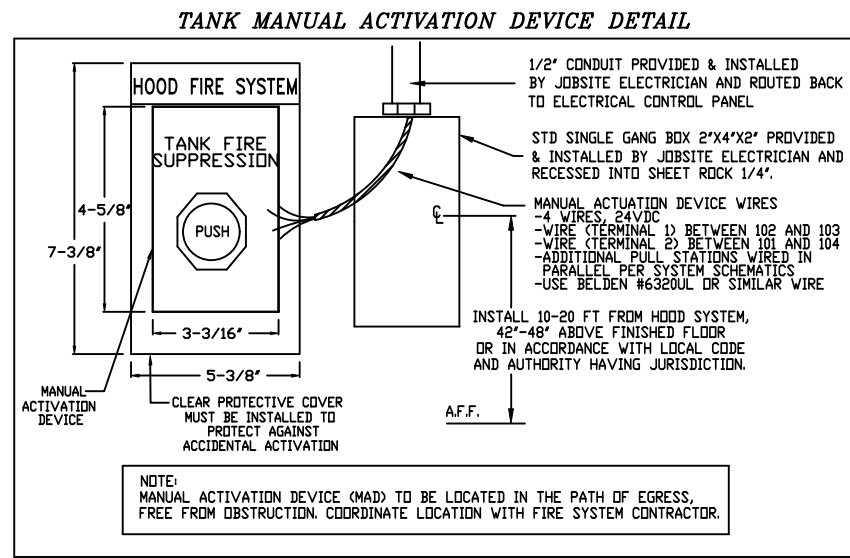
AGENT DISTRIBUTION PIPING LIMITATIONS	
PIPE SECTION	MAX PIPE LENGTH (FT)
MAX SUPPLY LINE TO FIRST OVERLAPPING NOZZLE	42
OVERLAPPING NOZZLE APPLIANCE BRANCH	10
DEDICATED NOZZLE APPLIANCE BRANCH	10

#### LEGEND - FIRE CABINET TANK SYSTEM

- 4 GALLON TANK.
- PRIMARY ACTUATOR RELEASE.
- SECONDARY ACTUATOR RELEASE.
- PRESSURE SUPERVISION SWITCH.
- PRIMARY HOSE ASSEMBLY.
- SECONDARY HOSE ASSEMBLY.
- REMOTE MANUAL ACTUATION DEVICE.

#### FIRE SYSTEM INFORMATION - JOB#8190951

FIRE SYSTEM NO	TAG	TYPE	SIZE	MAX FP	DESIGN FP	INSTALLATION	
						SYSTEM	LOCATION ON HOOD
1		TANK FS	4.0/4.0/4.0	60	51	FIRE CABINET RIGHT	RIGHT, HOOD 2



REVISIONS

DESCRIPTION	DATE:
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Kokoro- 200 E Martin Street

300 East Martin Street,

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DATE: 8/25/2025

DWG.#: 8190951

DRAWN BY: reg36

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

MASTER DRAWING

SHEET NO.

4

EXHAUST FAN INFORMATION – JOB#8190951

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		1	DU200HFA	CAPTIVEAIRE	3723	1.000	1139	TEFC,PREMIUM	3.000	1.5240	3	208	9.4	906 FPM	213	19.9

MUA FAN INFORMATION – JOB#8190951

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MOCP	WEIGHT (LBS)	SDNES
2		1	A2-20D	20MF-2-MOD	A2	1500	2529	0.700	1110	TEFC,PREMIUM	2.000	0.7360	3	208	5.7	7.2A	15A	503	11.1

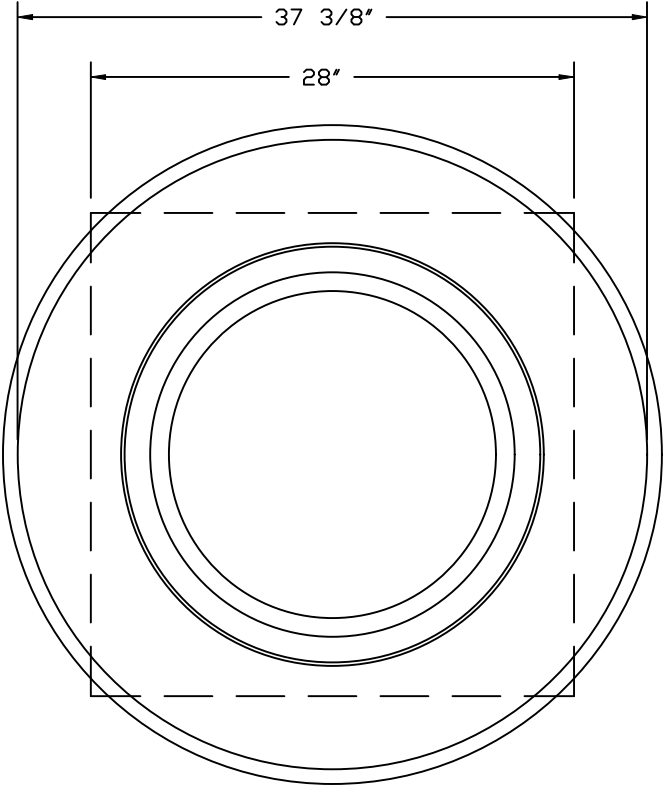
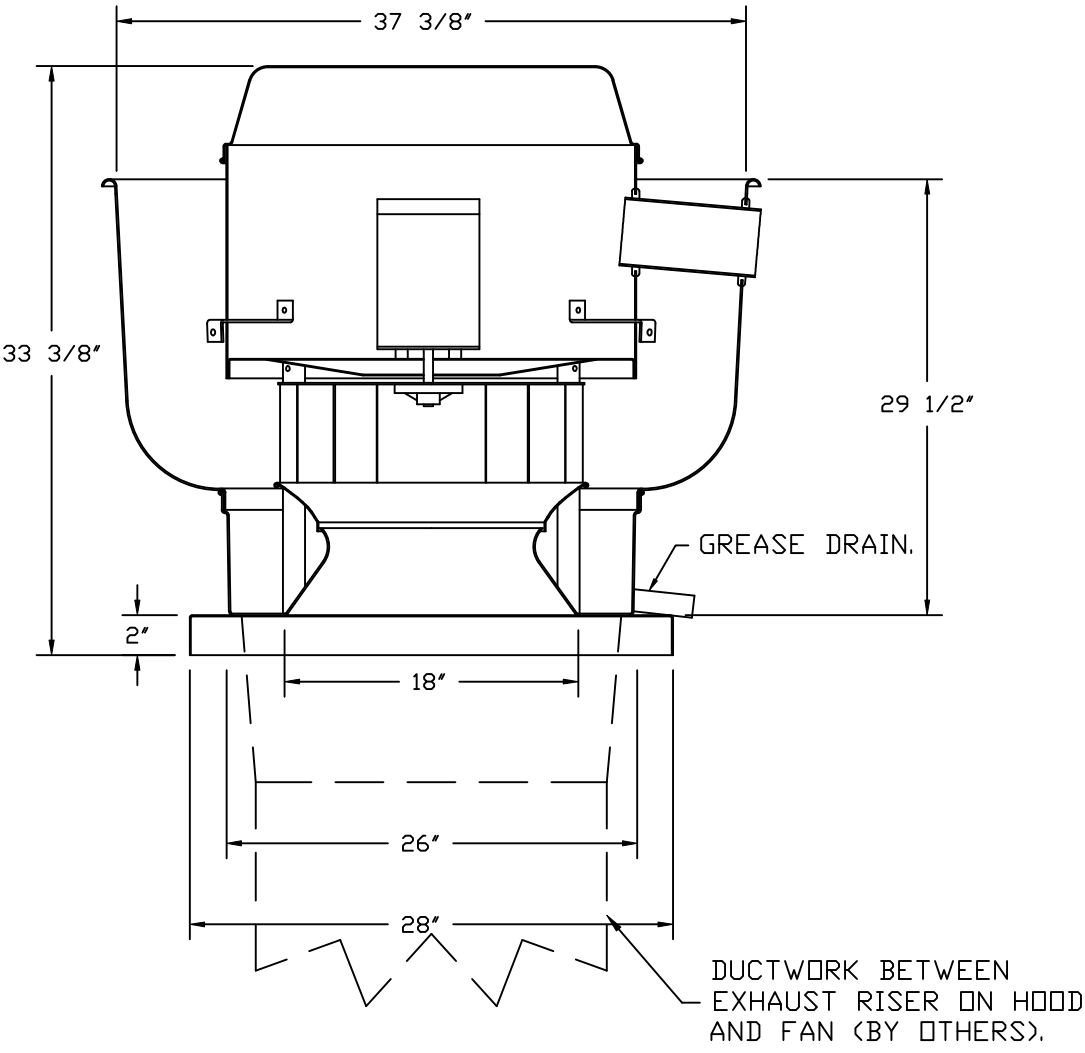
FAN ACCESSORIES

FAN UNIT NO	TAG	EXHAUST				SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT	
1		YES			YES	YES			
2									

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1		1	GREASE BOX
		1	UPBLAST FAN WHEEL ACCESS PORT
		1	FAN BASE CERAMIC SEAL - DU/DR200HFA - SHIP LOOSE - FOR GREASE DUCTS
		1	HINGE KIT LOCKING (XHD)- SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS
		1	WALL MOUNT CONSTRUCTION 18/20 (D60 ISOLATORS), 70LB MOTOR MAX FOR WALL MOUNTING
2		1	2 YEAR PARTS WARRANTY
		1	INSULATION OPTION FOR VBANK FILTER SECTION
		1	GRAVITY BACKDRAFT DAMPER FOR SIZE 2 HOUSING
		1	A2 INDDOR HANGING OPTION - INCLUDES 2 HSA125 HANGING SPRING ISOLATORS PER UNI-STRUT
		1	2 YEAR PARTS WARRANTY

FAN #1 DU200HFA – 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 9R 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.
- UPBLAST FAN WHEEL ACCESS PORT.
- FAN BASE CERAMIC SEAL - DU/DR200HFA - SHIP LOOSE - FOR GREASE DUCTS.
- HINGE KIT LOCKING (XHD)- SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS.
- WALL MOUNT CONSTRUCTION 18/20 (D60 ISOLATORS), 70LB MOTOR MAX FOR WALL MOUNTING.
- 2 YEAR PARTS WARRANTY.

REVISIONS

DESCRIPTION	DATE:
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MASTER DRAWING

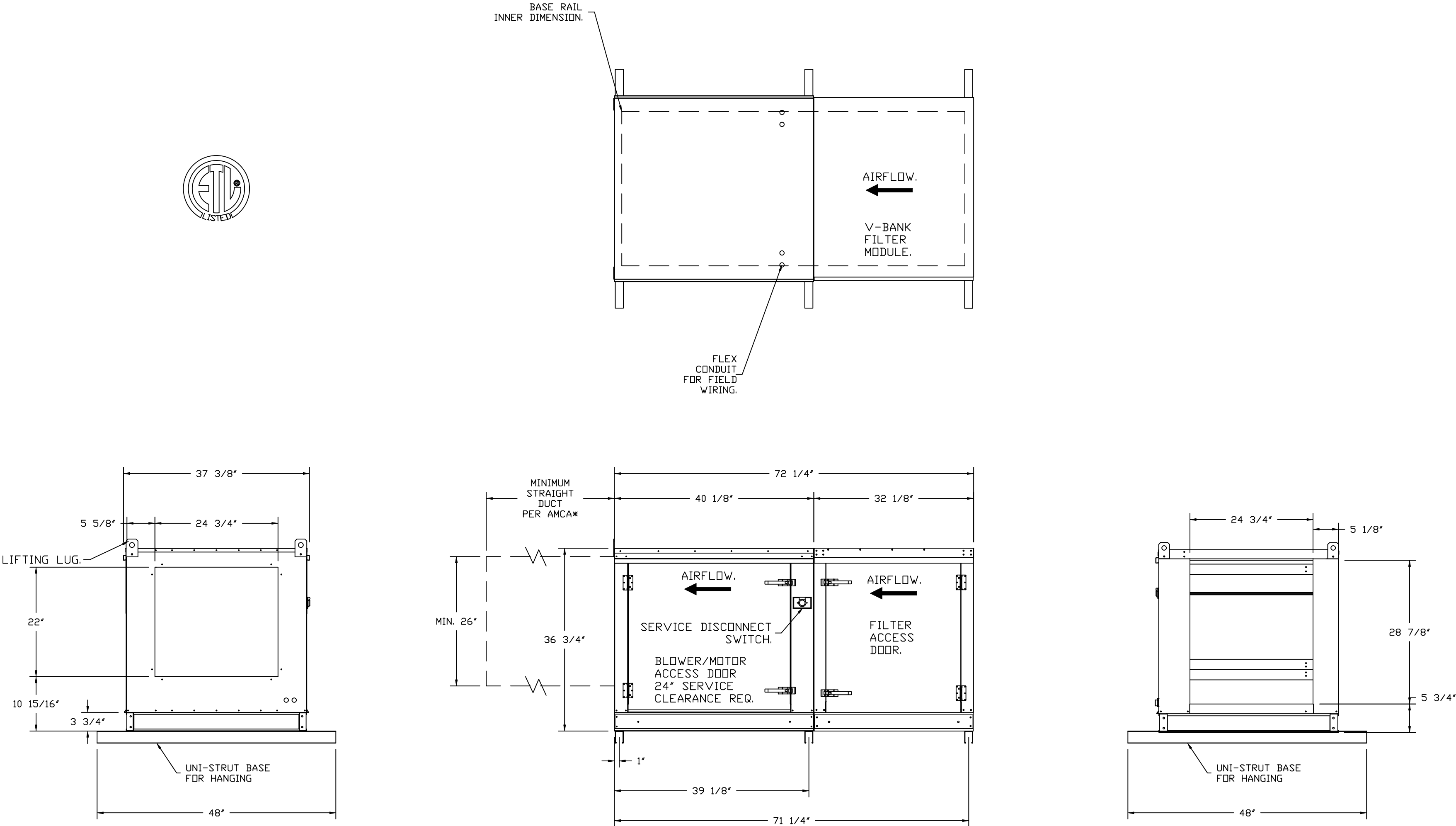
SHEET NO.

5



- FAN #2 A2-20D - SUPPLY FAN  
1. UNTEMPERED SUPPLY UNIT WITH 20" MIXED FLOW DIRECT DRIVE FAN IN SIZE #2 HOUSING.  
2. V-BANK EZ FILTERS - INDDOR.  
3. SIDE DISCHARGE - AIR FLOW RIGHT -> LEFT.  
4. "INSULATION" FOR V-BANK INTAKE OPTION.  
5. GRAVITY BACK DRAFT DAMPER 22" X 24" , STANDARD GALVANIZED CONSTRUCTION, 1 1/4" REAR FLANGE, FOR SIZE 2 UNTEMPERED FAN HOUSING (S182).  
6. INDDOR HANGING CRADLE FOR THE SIZE 2 UNTEMPERED UNIT. 2 HSA125 HANGING ISOLATORS PER UNI-STRUT INCLUDED.  
7. HINGED DOUBLE WALL INSULATED DOOR ASSEMBLY (BURNER/BLOWER SECTION).  
8. 2 YEAR PARTS WARRANTY.

\*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 20L. 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 26" X 26".



REVISIONS	
DESCRIPTION	DATE:
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**Eastern North Carolina**  
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**DATE:** 8/25/2025

**DWG.#:** 8190951

**DRAWN BY:** reg36

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

**MASTER DRAWING**

**SHEET NO.**  
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