HOOD INFORMATION – JOB#7406279

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S) WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP	MUA CFM	AC CFM	HOOD CONSTRUCTION	HOOD CONFIG END TO END	ROW
1		5430 EX-2-ACPSP-F	ECON-AIR	12' 0"	600 DEG	I	HEAVY	225	2700			4"	16"	2700	1934	-1.008"	2160	650	430 SS WHERE EXPOSED	ALONE	ALONE

HOOD INFORMATION

HOOD NO	TAG	FILTER(S) TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	LIGHT(S) QTY	TYPE	WIRE GUARD	UTILITY CABINET(S) LOCATION	SIZE	FIRE SYSTEM TYPE	FIRE SYSTEM SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
1		CAPTRATE SOLO FILTER	9	20"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO	LEFT	12"x54"x30"	TANK FS	4.0/4.0	DCV-1111	1 LIGHT 1 FAN	YES	1285 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1		BACKSPLASH 108.00" HIGH X 240.00" LONG 430 SS VERTICAL.
		BACKSPLASH 108.00" HIGH X 192.00" LONG 430 SS VERTICAL.
		RIGHT END PANEL 23" TOP WIDTH, 18" BOTTOM WIDTH, 44" HIGH 430 SS.
		LEFT END PANEL 23" TOP WIDTH, 12" BOTTOM WIDTH, 12" HIGH 430 SS.
		INSULATION FOR TOP OF HOOD.
		STRUCTURAL FRONT PANEL.
		INSULATION FOR BACK OF HOOD.
		GFCI DUPLEX OUTLET, 20A 125V - HOOD FRONT RIGHT - VERTICAL - DIST FROM END: 60.00 DIST FROM BOTTOM: 4.75.

PERFORATED SUPPLY PLENUM(S)

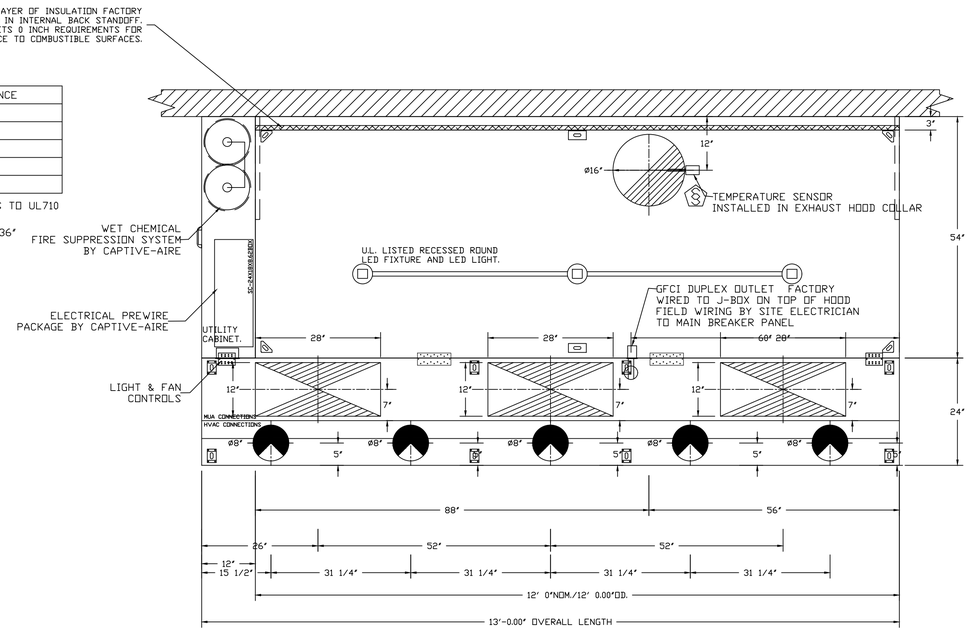
HOOD NO	TAG	PDS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S) WIDTH	LENG	DIA	CFM	SP
1		Front	156"	24"	6"	MUA	12"	28"		720	0.195"
						MUA	12"	28"		720	0.195"
						MUA	12"	28"		720	0.195"
						AC			8"	130	0.053"
						AC			8"	130	0.053"
						AC			8"	130	0.053"
						AC			8"	130	0.053"
						AC			8"	130	0.053"

BACKSPLASH IS NOT INSULATED AND IS UNSUITABLE FOR INSTALL AGAINST COMBUSTIBLE WALLS.

CLEARANCE TO COMBUSTIBLES

HOODS #	SURFACE	*CLEARANCE
1	TOP	0"
	FRONT	0"
	BACK	0"
	LEFT	0"
	RIGHT	18"

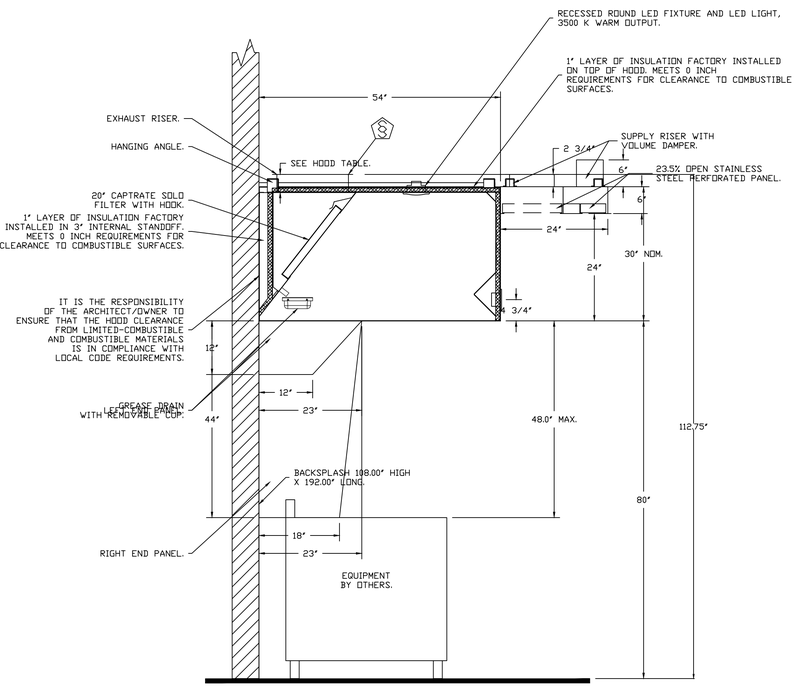
- *0" CLEARANCE TO COMBUSTIBLES CONFORMS TO UL710 STANDARD.
- HOOD MOUNTED UTILITY CABINETS REQUIRE 36" SERVICE CLEARANCE.



(1) DUPLEX OUTLET

PLAN VIEW – HOOD #1
12' 0.00" LONG 5430EX-2-ACPSP-F
NOTE: ADDITIONAL HANGING ANGLES PROVIDED FOR HOODS 12' AND LONGER.

ACPSP SHIPS LOOSE FOR FIELD INSTALLATION



SECTION VIEW – MODEL 5430EX-2-ACPSP-F HOOD – #1

HOOD CONSTRUCTION OF 18 GAUGE AND 20 GAUGE METAL

CALCULATIONS UTILIZED

Calculations utilized are based on the hood's ETL Listing
Exhaust CFM = 12 foot X 225 CFM/lin. ft. (load) = 2700 cfm
Supply CFM = 2700 Exhaust CFM X 80 percent = 2160 cfm

$$\text{Total Duct Area} = 144 \times \frac{\text{CFM}}{\text{FPM (Note 1)}}$$

$$\text{Duct Length} = \frac{\text{Total Duct Area}}{\text{Duct Depth (Note 2)}}$$

1) Captive-Aire ventilator duct sizes are calculated using an Exhaust velocity of 1500 - 1800 FPM and a Supply velocity of 800 - 1000 FPM.
2) Please consult factory for maximum allowable duct sizes.

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH
Intertek
NFPA #96
NSF
UL 710 & ULC710 STANDARDS
E.T.L. LISTED 3054804-001

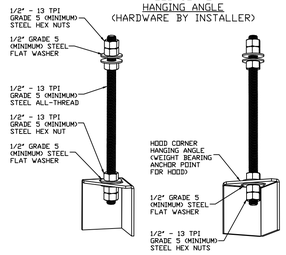
FOR QUESTIONS, EMAIL THE
CaptiveAire Dallas Sales Office
Colin Prewitt
PHONE: (214) 220-3999
EMAIL: reg45@captiveaire.com

HVAC DISTRIBUTION NOTE

HIGH VELOCITY DIFFUSERS OR HVAC RETURNS SHOULD NOT BE PLACED WITHIN TEN (10) FEET OF THE EXHAUST HOOD. PERFORATED DIFFUSERS ARE RECOMMENDED.

CAPTIVEAIRE EQUIPMENT ON THESE SUBMITTALS IS OWNER PROVIDED

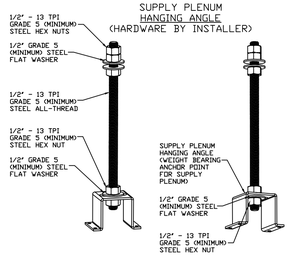
HOOD CORNER HANGING ANGLE (HARDWARE BY INSTALLER)



ASSEMBLY INSTRUCTIONS

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.

SUPPLY PLENUM HANGING ANGLE (HARDWARE BY INSTALLER)



ASSEMBLY INSTRUCTIONS

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 ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

REVISIONS

	DESCRIPTION	DATE:
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CAPTIVE-AIRE
REGOFFICE
ADDRESS
www.captiveaire.com

WINGSTOP SALINAS CA #AA103 #4043
1598 NORTH SANBORN ROAD, SUITE 200C3
SALINAS, CA, 93905

DATE: 3/14/2025
DWG.#: 7406489
DRAWN BY: WDM-45
SCALE: 3/4" = 1'-0"
MASTER DRAWING
SHEET NO. 1

CONSULTANT:
ARCHITECT:
BEAUMONT & ASSOCIATES
MAXWELL A. BEAUMONT, ARCHITECT
EMERYVILLE, CA
design@acute-consulting.com

LICENSED ARCHITECT – MAXWELL A. BEAUMONT – NO. C 24621 – 2-28-27 RENEWAL – STATE OF CALIFORNIA

CLIENT:
WING·STOP
15505 WRIGHT BROTHERS DRIVE
ADDISON, TX 75001
TELEPHONE: (972) 686-6500
FAX: (972) 686-6502

PROJECT INFORMATION:
WING·STOP
BORONDA PLAZA
1598 N. SANBORN ROAD, SUITE C
SALINAS, CA 93905
STORE GL#AA103

SEAL:

PROJECT NO.:
DRAWN BY: EAL
CHECKED BY:

ISSUE:	DATE:
PERMIT & BID SET	03/14/2025

REVISION:	DATE:
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WRI-TRAD_v102 SPB 2025.03

PROJECT LOCATION: SALINAS,CA

SHEET NUMBER / TITLE:
M H1
CAPTIVE AIRE HOOD DRAWINGS

FIRE SYSTEM INFORMATION – JOB#7406279

FIRE SYSTEM NO	TAG	TYPE	SIZE	MAX FP	DESIGN FP	INSTALLATION	
						SYSTEM	LOCATION ON HOOD
1		TANK FS	4.0/4.0	40	32	FIRE CABINET LEFT	LEFT, HOOD 1

GAS VALVE(S)

FIRE SYSTEM NO	TAG	TYPE	SIZE	SUPPLIED BY
1		SC ELECTRICAL	2.000	CAPTIVEAIRE SYSTEMS

INCLUDES: FIELD INSTALLATION AND HOOKUP OF THE FIRE SUPPRESSION SYSTEM DURING NORMAL BUSINESS HOURS ONLY, TWO SITE VISITS ONLY (ONE VISIT FOR SYSTEM HOOKUP/INSTALL AND ONE VISIT FOR ONE SYSTEM TEST/FINAL WITH FIRE MARSHAL), PERMIT, AND ONE SYSTEM TEST.

EXCLUDES: GAS VALVE INSTALLATION, ELECTRICAL HOOKUP AND ALL ELECTRICAL CONNECTIONS, HANGING OF WALL MOUNTED FIRE & ELECTRICAL CABINET(S) (IF APPLICABLE), RECESSING PULL STATION IN WALL, SHUNT TRIP, HANDHELD EXTINGUISHER(S), FLOOR MOUNTED APPLIANCE WHEEL CHOCKS / POSI-SET APPLIANCE POSITIONING DEVICES, ON-SITE RE-PIPING DUE TO EQUIPMENT LAYOUT CHANGES, ADDITIONAL SITE VISITS DUE TO CONDITIONS OUTSIDE THE INSTALLERS RESPONSIBILITY, RETEST DUE TO CONDITIONS OUTSIDE THE INSTALLERS RESPONSIBILITY, UNION LABOR & PREVAILING WAGE (LABOR & WAGES WILL BE ADDED IF APPLICABLE), CERTIFIED PAYROLL, ENGINEER STAMPING OF DRAWINGS, HORN STROBE(S) AND CARBON MONOXIDE DETECTOR(S)

- BUILDING FIRE ALARM CONNECTIONS & PERMITTING ARE EXCLUDED. TO BE PROVIDED, INSTALLED AND WIRED BY GC WHEN A BUILDING FIRE ALARM SYSTEM IS PRESENT.
- HORN STROBE(S) AND CARBON MONOXIDE DETECTOR(S) ARE EXCLUDED. TO BE PROVIDED, INSTALLED AND WIRED BY GC WHEN REQUIRED.
- STANDARD SINGLE GANG JUNCTION BOX AND CONDUIT FOR THE REMOTE MANUAL ACTIVATION DEVICE (PUSH/PULL STATION) TO BE PROVIDED AND RECESS INSTALLED (PER WINGSTOP REQUEST) BY JOB SITE ELECTRICIAN. OTHERWISE JUNCTION BOX AND CONDUIT WILL BE SURFACE MOUNTED ON TOP OF THE WALL TO BE PROVIDED AND INSTALLED BY JOB SITE ELECTRICIAN.
- THE REMOTE MANUAL ACTUATION DEVICE (PUSH/PULL STATION) SHOULD BE MOUNTED AT A POINT OF EGRESS AND POSITIONED AT A HEIGHT DETERMINED BY THE AUTHORITY HAVING JURISDICTION (AHJ). THIS POSITION IS USUALLY 10 TO 20 FEET FROM HOOD AND 42 TO 48 INCHES ABOVE THE FLOOR.

The TANK Fire Suppression System is a UL and ETL Listed system for wet chemical extinguishing system units. The TANK system is UL listed under file number EX27953 to meet requirements of UL 300; ULC Listed to meet requirements of ULC/ORD-C1254.6 and UL/ULC 1254; CE Marked; Meets requirements of NFPA 96 and NFPA 17A. The TANK Fire suppression system is ETL listed under Report Number 104560275SAT-003 to ANSI/CAN/UL/ULC 300.

The control package for TANK Fire Suppression is ETL listed under report number 101196419NYM-001 to the UL Standard 864 and CAN/ULC-S527-11; FDNY Certificate of Approval #5870. This product may be covered by one or more of the following patent number(s): (United States) 8378834, or other U.S. and foreign patents pending.

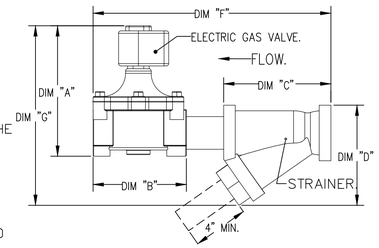
GAS VALVES AND STRAINERS

	GAS VALVE SIZING						GAS VALVE DIMENSIONS						INSTALLATION	PART NUMBERS		
	TYPE	SIZE	VOLTAGE	MIN. INLET PRESSURE	MAX. INLET PRESSURE	FLOW AT 1 IN.W.C. DROP NATURAL GAS	FLOW AT 1 IN.W.C. DROP PROPANE	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "F"	DIM "G"	MOUNTING ORIENTATION	GAS VALVE PART NUMBER	STRAINER PART NUMBER	GAS VALVE/STRAINER KIT
GAS VALVE FOR FS#1 →	ELECTRICAL	2"	120 VAC	0 PSI (0 IN.W.C.)	5 PSI (138 IN.W.C.)	2,940,500 BTU/HR	1,908,048 BTU/HR	7-5/8"	6-3/8"	7-1/4"	7-13-16"	15-5/8"	13-15/16"	HORIZONTAL	8214280	4417668	(SC)ECVA2

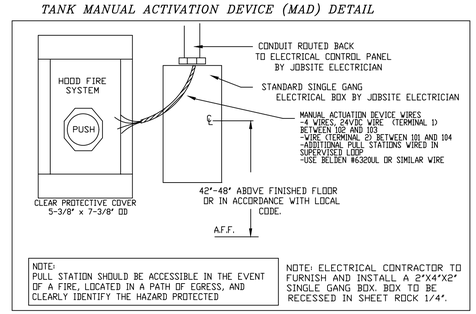
ELECTRIC GAS VALVES ONLY:
3/4"-2" 120VAC GAS VALVES CAN BE MOUNTED WITH THE SOLENOID IN ANY POSITION ABOVE HORIZONTAL.
2 1/2"-3" 120VAC GAS VALVES MUST BE MOUNTED WITH THE SOLENOID VERTICAL AND UPRIGHT.
24VDC GAS VALVES MUST BE MOUNTED WITH THE SOLENOID VERTICAL AND UPRIGHT.

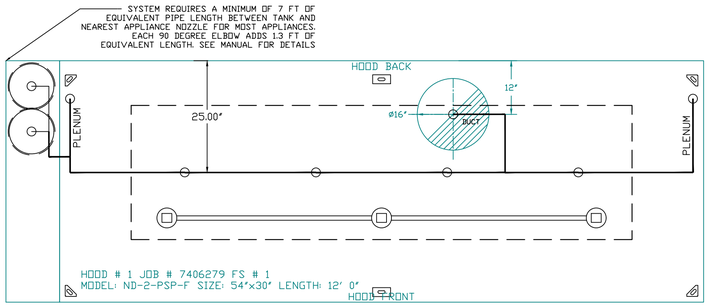
ALL GAS VALVES/STRAINERS
PROPER CLEARANCE MUST BE PROVIDED IN ORDER TO SERVICE THE STRAINERS A MINIMUM OF 4" CLEARANCE DISTANCE MUST BE PROVIDED AT THE BASE OF THE STRAINER CUSTOMER MUST VERIFY BTU CONSUMPTION AS WELL AS PRESSURE RATING SPECIFIC GRAVITY OF NATURAL GAS = 0.64, SPECIFIC GRAVITY OF LP = 1.52.

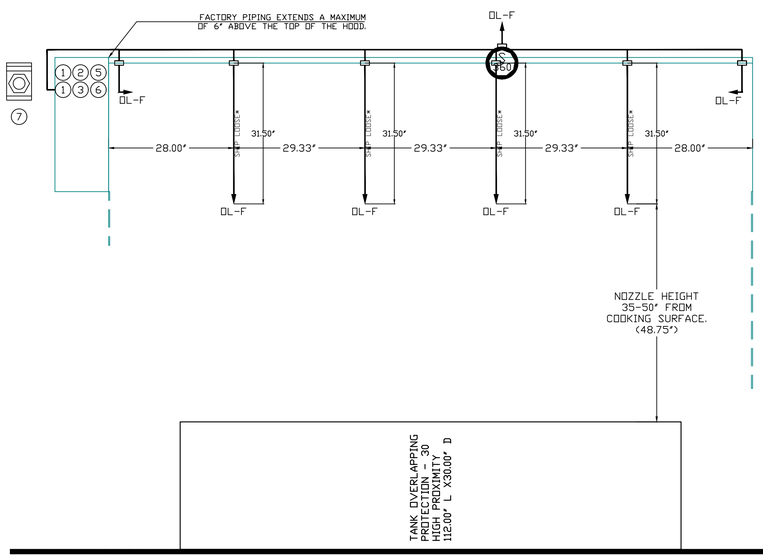
CALCULATIONS
TO CALCULATE GAS FLOW FOR OTHER THAN 1 IN.W.C. PRESSURE DROP
NEW BTU/HR = (BTU/HR AT 1 IN.W.C. PRESSURE DROP) X NEW PRESSURE DROP$^{0.5}$
TO CALCULATE GAS FLOW FOR OTHER THAN 0.64 SPECIFIC GRAVITY
NEW BTU/HR = (BTU/HR AT 0.64) X (0.64 / NEW SPECIFIC GRAVITY)$^{0.5}$.



TANK MANUAL ACTIVATION DEVICE (MAD) DETAIL







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 U.L. 300 REQUIREMENTS.

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

JOB #: 7406279.
JOB NAME: WINGSTOP SALINAS CA #AA103 #4043.

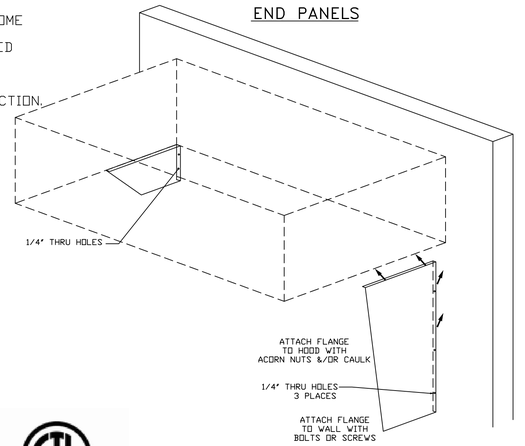
SYSTEM SIZE: TANK-SP-2 DESIGN FP: 32. MAXIMUM FP: 40.
HOOD # 1 12' 0.00" LONG x 54" WIDE x 30" HIGH.
RISER # 1 SIZE: 16" DIA.
HOOD # 1 METAL BLOW-OFF CAPS INCLUDED.

- 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.

LEGEND – FIRE CABINET TANK SYSTEM

1 4 GALLON TANK.
2 PRIMARY ACTUATOR RELEASE.
3 SECONDARY ACTUATOR RELEASE.
4 PRESSURE SUPERVISION SWITCH.
5 PRIMARY HOSE ASSEMBLY.
6 SECONDARY HOSE ASSEMBLY.
7 REMOTE MANUAL ACTUATION DEVICE.

END PANELS



Intertek

CAPTIVE EQUIPMENT ON THESE SUBMITTALS IS OWNER PROVIDED

REVISIONS

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CAPTIVEAIRE
REGOFFICE
ADDRESS
www.captiveaire.com

WINGSTOP SALINAS CA #AA103 #4043
1598 NORTH SANBORN ROAD,
SUITE 200C3
SALINAS, CA, 93905

DATE: 3/14/2025
DWG.#: 7406489
DRAWN BY: WDM-45
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 2

CONSULTANT:
ARCHITECT:
BEAUMONT & ASSOCIATES
MAXWELL A. BEAUMONT, ARCHITECT
EMERYVILLE, CA
design@acute-consulting.com

LICENSED ARCHITECT
MAXWELL A BEAUMONT
NO. C 24621
2-28-27
RENEWAL
STATE OF CALIFORNIA

CLIENT:
WING·STOP
15505 WRIGHT BROTHERS DRIVE
ADDISON, TX 75001
TELEPHONE: (972) 686-6500
FAX: (972) 686-6502

PROJECT INFORMATION:
WING·STOP
BORONDA PLAZA
1598 N. SANBORN ROAD, SUITE C
SALINAS, CA 93905
STORE GL#AA103

SEAL:

PROJECT NO.:
DRAWN BY: EAL
CHECKED BY:

ISSUE:	DATE:
PERMIT & BID SET	03/14/2025

REVISION:	DATE:
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WRI-TRAD_v102 SPB 2025.03

PROJECT LOCATION:
SALINAS,CA

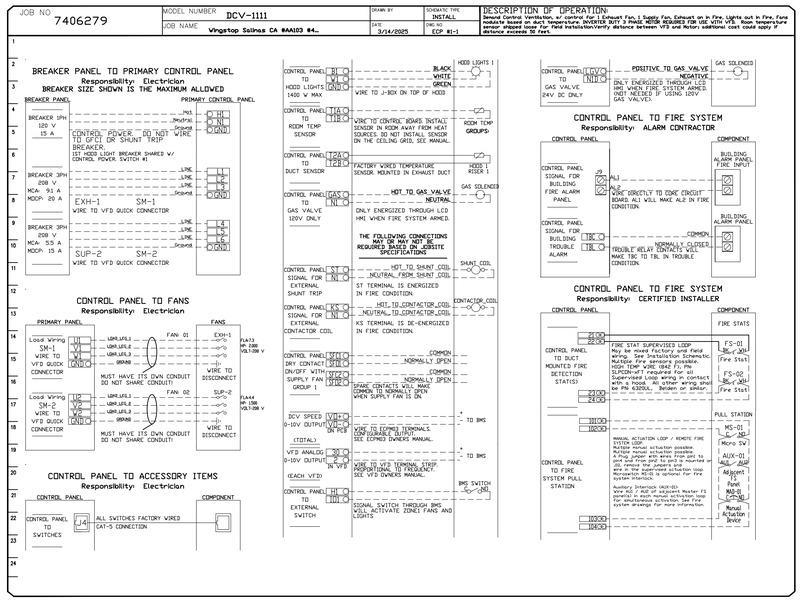
SHEET NUMBER / TITLE:
M H2
CAPTIVE AIRE HOOD DRAWINGS

ELECTRICAL PACKAGE – JOB#7406279

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY		TYPE	Φ	HP	VOLT	FLA
1		DCV-1111	UTILITY CABINET LEFT	UTILITY CABINET LEFT	1 LIGHT	SMART CONTROLS DCV	EXHAUST	3	2.000	208	7.3
				HOOD # 1	1 FAN		SUPPLY	3	1.500	208	4.4

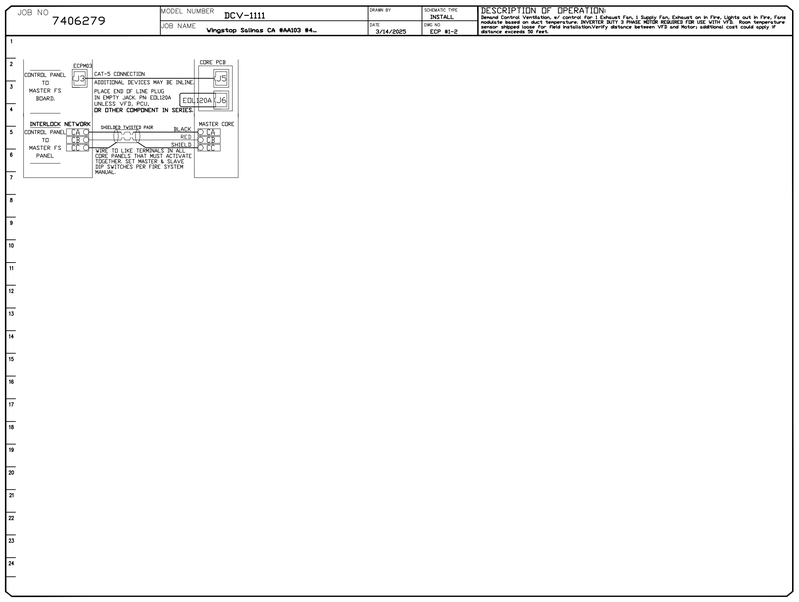
JOB NO 7406279 | MODEL NUMBER DCV-1111 | JOB NAME Wingstop Salinas CA #AA103 #4... | DRAWN BY | DATE 3/14/2025 | SCHEMATIC TYPE INSTALL | DWG NO ECP #1-1

DESCRIPTION OF OPERATION:
Ground Control Ventilation, w/ control for 1 Exhaust Fan, 1 Supply Fan, Exhaust on in Fire, Lights out in Fire, Fans remain off in Fire, Temperature, INVERTER DUTY 3 PHASE MOTOR REQUIRED FOR USE WITH VFD. Room temperature sensor shipped loose for field installation/verify distance between VFD and Motor; additional cost could apply if distance exceeds 50 feet.


BREAKER PANEL TO PRIMARY CONTROL PANEL
Responsibility: Electrician
BREAKER SIZE SHOWN IS THE MAXIMUM ALLOWED
BREAKER PANEL
PRIMARY CONTROL PANEL
BREAKER 1PH 120 V 15 A
CONTROL POWER, DO NOT TO GFCI OR SHUNT TRIP BREAKER.
LT HOOD LIGHT BREAKER SHARED W/ CONTROL POWER SWITCH #1
BREAKER 3PH 208 V MCA= 9.1 A MOCP= 20 A
EXH-1
SM-1
WIRE TO VFD QUICK CONNECTOR
BREAKER 3PH 208 V MCA= 5.5 A MOCP= 15 A
SUP-2
SM-2
WIRE TO VFD QUICK CONNECTOR
CONTROL PANEL TO FANS
Responsibility: Electrician
PRIMARY PANEL
FANS
Load Wiring SM-1 WIRE TO VFD QUICK CONNECTOR
FAN 01
EXH-1
WIRE TO DISCONNECT
MUST HAVE ITS OWN CONDUIT DO NOT SHARE CONDUIT!
Load Wiring SM-2 WIRE TO VFD QUICK CONNECTOR
FAN 02
SUP-2
WIRE TO DISCONNECT
MUST HAVE ITS OWN CONDUIT DO NOT SHARE CONDUIT!
CONTROL PANEL TO ACCESSORY ITEMS
Responsibility: Electrician
CONTROL PANEL
COMPONENT
CONTROL PANEL TO SWITCHES
ALL SWITCHES FACTORY WIRED CAT-5 CONNECTION
CONTROL PANEL TO HOOD LIGHTS
BLACK
WHITE
GREEN
WIRE TO J-BOX ON TOP OF HOOD
HOOD LIGHTS 1
CONTROL PANEL TO ROOM TEMP SENSOR
WIRE TO CONTROL BOARD. INSTALL SENSOR IN ROOM AWAY FROM HEAT SOURCES. DO NOT INSTALL SENSOR ON THE CEILING GRID, SEE MANUAL.
ROOM TEMP SENSOR
CONTROL PANEL TO DUCT SENSOR
FACTORY WIRED TEMPERATURE SENSOR, MOUNTED IN EXHAUST DUCT
HOOD 1 RISER 1
CONTROL PANEL TO GAS VALVE 120V ONLY
HOT TO GAS VALVE
NEUTRAL
ONLY ENERGIZED THROUGH LCD HMI WHEN FIRE SYSTEM ARMED
GAS SOLENOID
THE FOLLOWING CONNECTIONS MAY OR MAY NOT BE REQUIRED BASED ON JURISITE SPECIFICATIONS
CONTROL PANEL SIGNAL FOR EXTERNAL SHUNT TRIP
HOT TO SHUNT COIL
NEUTRAL FROM SHUNT COIL
ST TERMINAL IS ENERGIZED IN FIRE CONDITION.
SHUNT COIL
CONTROL PANEL SIGNAL FOR EXTERNAL CONTACTOR COIL
HOT TO CONTACTOR COIL
NEUTRAL TO CONTACTOR COIL
KS TERMINAL IS DE-ENERGIZED IN FIRE CONDITION.
CONTACTOR COIL
CONTROL PANEL DRY CONTACT SPST
COMMON
NORMALLY OPEN
CONTROL PANEL DN/OFF WITH SUPPLY FAN GROUP 1
SPARE CONTACTS WILL HAVE COMMON TO NORMALLY OPEN WHEN SUPPLY FAN IS ON
DCV SPEED 0-10V OUTPUT
WIRE TO ECOMO TERMINALS. FOR HARNESS OUTPUT SEE ECOMO OWNERS MANUAL.
TO BMS
(TOTAL)
VFD ANALOG 0-10V OUTPUT
IN VFD
WIRE TO VFD TERMINAL STRIP, PROPORTIONAL TO FREQUENCY SEE VFD OWNERS MANUAL.
(EACH VFD)
CONTROL PANEL TO EXTERNAL SWITCH
SIGNAL SWITCH THROUGH BMS WILL ACTIVATE ZONE1 FANS AND VOLA LIGHTS
BMS SWITCH
CONTROL PANEL TO GAS VALVE 24V DC ONLY
POSITIVE TO GAS VALVE
NEGATIVE
ONLY ENERGIZES THROUGH LCD HMI WHEN FIRE SYSTEM ARMED. (NOT NEEDED IF USING 120V GAS VALVE).
GAS SOLENOID
CONTROL PANEL SIGNAL FOR BUILDING FIRE ALARM PANEL
CONTACTS WILL CLOSE DIRECTLY TO CORE CIRCUIT BOARD. ALI WILL MAKE ALE IN FIRE CONDITION.
COMPONENT
BUILDING ALARM PANEL FIRE INPUT
CONTROL PANEL SIGNAL FOR BUILDING TROUBLE ALARM
TROUBLE RELAY CONTACTS WILL MAKE TBC TO TBL IN TROUBLE CONDITION.
NORMALLY CLOSED
BUILDING ALARM PANEL
CONTROL PANEL TO DUCT MOUNTED FIRE DETECTION STAT(S)
FIRE STAT SUPERVISED LOOP May be used for duct and area smoke detectors in parallel. Multiple fire sensors possible. HIGH TEMP WIRE 1942 F3, PN 6305UL. Belden or similar. Supervised resistive end of contact with a hood. NO other wiring spliced PN 6305UL. Belden or similar.
FIRE STATS
FS-01 Fire Stat
FS-02 Fire Stat
CONTROL PANEL TO FIRE SYSTEM PULL STATION
MANUAL ACTUATION LOOP // REMOTE FIRE SYSTEM PULL. System supports activation possible. Multiple manual activation possible. Pull station must be mounted to a 4x4 pull box and to pull is mounted or on, remove the jumpers and Resistor. Resistor must be between 1000 Microsystem RES10 is optional for Fire system interlocks.
Auxiliary Interlock VALVE-01: Wire NO // NOT of adjacent Master F5 Relay. Wire in parallel with Master F5 for simultaneous activation. See Fire system drawings for more information.
PULL STATION
MS-01 Micro SW
AUX-01
Ambient F5 Panel MAD-01 Relay
Manual Actuation Device

JOB NO 7406279 | MODEL NUMBER DCV-1111 | JOB NAME Wingstop Salinas CA #AA103 #4... | DRAWN BY | DATE 3/14/2025 | SCHEMATIC TYPE INSTALL | DWG NO ECP #1-2

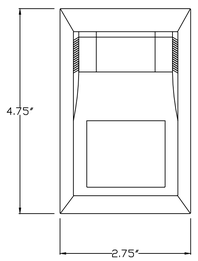
DESCRIPTION OF OPERATION:
Ground Control Ventilation, w/ control for 1 Exhaust Fan, 1 Supply Fan, Exhaust on in Fire, Lights out in Fire, Fans remain off in Fire, Temperature, INVERTER DUTY 3 PHASE MOTOR REQUIRED FOR USE WITH VFD. Room temperature sensor shipped loose for field installation/verify distance between VFD and Motor; additional cost could apply if distance exceeds 50 feet.



CONTROL PANEL TO FIRE SYSTEM
Responsibility: ALARM CONTRACTOR

CONTROL PANEL TO FIRE SYSTEM
Responsibility: CERTIFIED INSTALLER

ROOM TEMPERATURE SENSOR



ROOM TEMPERATURE SENSOR:
To be installed on the wall 48" to 60" AFF to read the ambient temperature of the kitchen. Do not install close to the hood or near other heat/cold producing appliances or under a HVAC supply grill. Ideal location provides an ambient temperature of the kitchen.

JOB NO 7406279 | MODEL NUMBER DCV-1111 | JOB NAME Wingstop Salinas CA #AA103 #4... | DRAWN BY | DATE 3/14/2025 | SCHEMATIC TYPE INSTALL | DWG NO ECP #1-3

DESCRIPTION OF OPERATION:
Fire System W TANK FS - 48/48.

TANK PROTECTION ELECTRICAL DETAIL

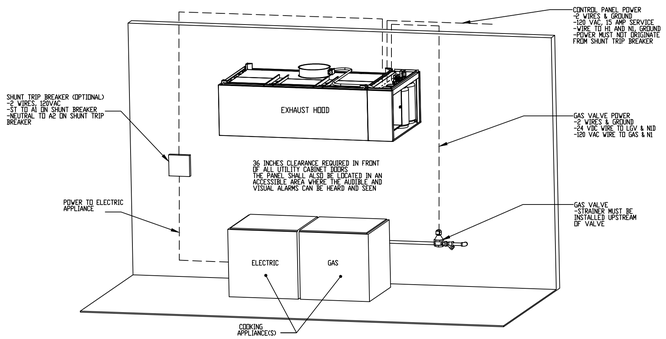
02/10/2021 Rev. 2

FS-1: MASTER

ELECTRICIAN
1. WIRE MAIN CONTROL PANEL PER INCLUDED SCHEMATIC
2. WIRE ALL FANS PER INCLUDED SCHEMATIC
3. WIRE SHUNT TRIP BREAKER (OPTIONAL)
4. WIRE GAS APPLIANCE KILL SWITCH, IF EQUIPPED (OPTIONAL)
5. WIRE GAS VALVE

ELECTRICAL CONTRACTOR REQUIREMENT

ITEM	CONNECTION IN PANEL	CONNECTION IN DEVICE	VOLTAGE	AMPERAGE	COMMENTS
SHUNT TRIP BREAKER (OPTIONAL)	ST & NI	BREAKER COIL CAL & A2)	120 VAC	< 4 AMPS	ST TO A1 ON SHUNT BREAKER COIL, AND NEUTRAL TO A2 ON SHUNT TRIP BREAKER COIL
CONTROL PANEL POWER	HI & NI + GROUND	CIRCUIT BREAKER	120 VAC	15 AMPS	CONTROL PANEL POWER MUST NOT BE RUN THROUGH SHUNT TRIP BREAKER
UDS APPLIANCE KILL SWITCH (OPTIONAL)	KTS & NI	KTS & NI	120 VAC	< 4 AMPS	KILL SWITCH TERMINALS MUST BE IN SERIES WITH OTHER KILL SWITCHES
REMOTE 120VAC ANSUL AUTOMAN (OPTIONAL)	AUI, AU2	SOLENOID	120 VAC	< 6 AMPS	120V TO AU1, AU2 TO ANSUL ELECTRIC AUTOMAN, ANSUL SOLENOID TO NEUTRAL
GAS VALVE	LGV & NIB (IF 24 VDC) GAS & NI (IF 120 VAC)	RED/RED/GREEN	24 VDC OR 120 VAC	< 1.0 AMPS	IF 24 VAC - 2 WIRES & GROUND, NIB TO RED, LGV TO RED, AND GREEN TO GROUND IF 120 VAC - 2 WIRES & GROUND GAS TO RED, NI TO RED, AND GREEN TO GROUND



NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

JOB NO 7406279 | MODEL NUMBER DCV-1111 | JOB NAME Wingstop Salinas CA #AA103 #4... | DRAWN BY | DATE 3/14/2025 | SCHEMATIC TYPE INSTALL | DWG NO ECP #1-4

DESCRIPTION OF OPERATION:
Fire System W TANK FS - 48/48.

TANK PROTECTION LOW-VOLTAGE DETAIL

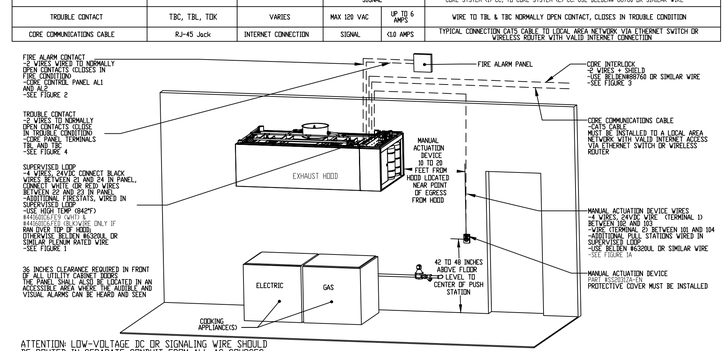
10/01/2023 Rev. 3

FS-1: MASTER

ALARM CONTRACTOR:
1. WIRE MANUAL ACTUATION DEVICE(S), REMOTE FIRESTAT(S), CORE INTERLOCK(S), FIRE SENSOR(S) AND FIRE ALARM CONTACTS
2. COMPLETE FINAL HOOKUP OF SYSTEM
3. VERIFY FINAL FIRE SYSTEM TEST

ALARM CONTRACTOR REQUIREMENT

ITEM	CONNECTION IN PANEL	CONNECTION ON DEVICE	VOLTAGE	AMPERAGE	COMMENTS
MANUAL ACTUATION DEVICE(S)	102 AND 104 102 AND 103	1 & 2	24 VDC	< 1.0 AMPS	WIRE MANUAL ACTUATION DEVICE TERMINAL 1 BETWEEN CORE PANEL TERMINALS 102 AND 103 WIRE MANUAL ACTUATION DEVICE TERMINAL 2 BETWEEN CORE PANEL TERMINALS 102 AND 104 JUMPER 101 TO 104 AND 102 TO 103 IF NO MANUAL ACTUATION DEVICE IS INSTALLED
MANUAL ACTUATION DEVICE COVER	N/A	N/A	N/A	N/A	MANUAL ACTUATION DEVICE COVER MUST BE INSTALLED IF SURFACE MOUNTED, USE COVER EXTENSION SFT-EXSTB
REMOTE FIRESTAT SENSOR(S)	23 AND 24 22 AND 23	BLACK AND WHITE	24 VDC	< 1.0 AMPS	WIRE FIRE SENSOR WHITE WIRES BETWEEN HOOD CORE PANEL TERMINALS 22 AND 23 WIRE FIRE SENSOR BLACK WIRE BETWEEN HOOD CORE PANEL TERMINALS 21 AND 24 HIGH TEMP (640°F) #4450UR5775 (WHT) & #4450UR5775 (BLK)WIRE OR SIMILAR ONLY IF RAN OVER TOP OF HOOD, OTHERWISE BELDEN #6320UL OR SIMILAR PLENUM RATED WIRE. SEE FIGURE 1
FIRE ALARM CONTACT	AL1, AL2	VARIES	50V MAX (AC/DC)	UP TO 1 AMP	FIRE ALARM RELAY CONTACTS FOR BUILDING FIRE ALARM LOCATED IN THE CORE ELECTRICAL CONTROL PANEL
CORE INTERLOCK(S)	CA, CB, CC	CA, CB, CC	RS-485 COMMUNICATIONS SIGNAL		CORE SYSTEM (1) CA, TO CORE SYSTEM (2) CA, CORE SYSTEM (1) CB, TO CORE SYSTEM (2) CB CORE SYSTEM (1) CC, TO CORE SYSTEM (2) CC USE BELDENE 88760 OR SIMILAR WIRE
TROUBLE CONTACT	TBC, TBL, TDK	VARIES	MAX 120 VAC	UP TO 6 AMPS	WIRE TO TBL & TBC NORMALLY OPEN CONTACT, CLOSES IN TROUBLE CONDITION
CORE COMMUNICATIONS CABLE	RJ-45 Jack	INTERNET CONNECTION	SIGNAL	<1.0 AMPS	TYPICAL CONNECTION CATS CABLE TO LOCAL AREA NETWORK VIA ETHERNET SWITCH OR WIRELESS ROUTER WITH VALID INTERNET CONNECTION



ATTENTION LOW-VOLTAGE DC OR SIGNALING WIRE SHOULD BE ROUTED IN SEPARATE CONDUIT FROM ALL AC SOURCES

NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

CAPTIVEAIRE EQUIPMENT ON THESE SUBMITTALS IS OWNER PROVIDED

REVISIONS

	DESCRIPTION	DATE:
1	–	–
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CAPTIVEAIRE
REGOFFICE
ADDRESS
www.captiveaire.com

WINGSTOP SALINAS CA #AA103 #4043
1598 NORTH SANBORN ROAD, SUITE 200C3
SALINAS, CA, 93905

DATE: 3/14/2025

DWG.#: 7406489

DRAWN BY: WDM-45

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

MASTER DRAWING

SHEET NO. 3

CONSULTANT:
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NO. C 24621
2-28-27 RENEWAL
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PROJECT INFORMATION:

WING·STOP
BORONDA PLAZA
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SALINAS, CA 93905
STORE GL#AA103

SEAL:

PROJECT NO.:
DRAWN BY: EAL
CHECKED BY:

ISSUE:	DATE:
PERMIT & BID SET	03/14/2025

REVISION:	DATE:
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WRI-TRAD_v102 SPB 2025.03

PROJECT LOCATION:
SALINAS,CA

SHEET NUMBER / TITLE:
M H3
CAPTIVE AIRE HOOD DRAWINGS

JOB NO 7406279 | MODEL NUMBER DCV-1111 | JOB NAME Wingstop Salinas CA #AA103 #4... | DRAWN BY | DATE 3/14/2025 | SCHEMATIC TYPE INSTALL | DWG NO ECP #1-5

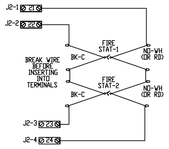
DESCRIPTION OF OPERATION:
Fire System #1 TANK FS - 42/48.

TANK PROTECTION LOW-VOLTAGE FIGURES

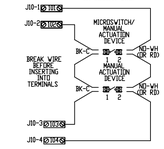
10/01/2023 Rev. 17

FS-1: MASTER

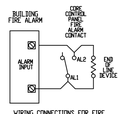
USE BELDEN #6300UL OR SIMILAR WIRE



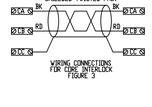
WIRING CONNECTIONS FOR PRESTAT LOOP FIGURE 1

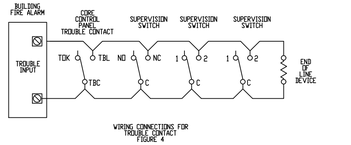


WIRING CONNECTIONS FOR MANUAL ACTUATION LOOP FIGURE 1A



WIRING CONNECTIONS FOR FIRE ALARM CONTACT FIGURE 2

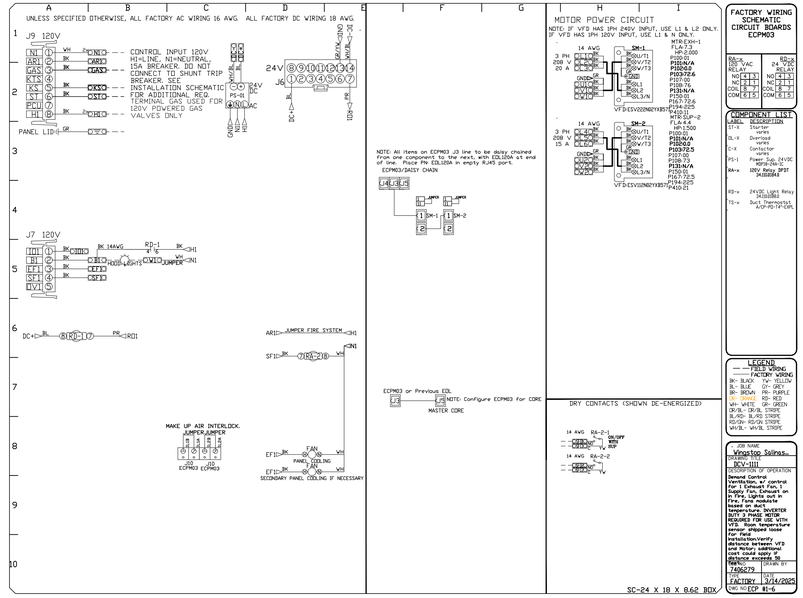




WIRING CONNECTIONS FOR TROUBLE CONTACT FIGURE 4

NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

ATTENTION: LOW-VOLTAGE DC OR SIGNALING WIRE SHOULD BE ROUTED IN SEPARATE CONDUIT FROM ALL AC SOURCES



SC-24 X 18 X 8.62 BOX

FACTORY WIRING SCHEMATIC CIRCUIT BOARDS ECPM03

RA2-A 120 VAC RELAY		RA2-B 24 VDC RELAY	
NO	4 1	NO	2 1
NC	2 1	NC	1 1
COIL	8 5	COIL	7 2
COM	6 1 5	COM	6 1 5

COMPONENT LIST

LABEL	DESCRIPTION
ST-X	Strobe Light varies
DL-X	Duct Detector varies
C-X	Contactor varies
PS-1	Power Sup. 24VDC Xpwr-240-T
RA-x	120V Relay DPST 24-2000AX
RD-x	24VDC Coil Relay varies
TD-x	Duct Thermostat A/M-PS-TAT-DPL

LEGEND
FIELD WIRING
FACTORY WIRING
BK- BLACK, YW- YELLOW
BL- BLUE, GY- GREY
BR- BROWN, PK- PURPLE
OR- ORANGE, RD- RED
WH- WHITE, GN- GREEN
BK/BL- BK/BL STRIPE
BL/RD- BL/RD STRIPE
RD/GN- RD/GN STRIPE
WH/BL- WH/BL STRIPE

JOB NAME Wingstop Salinas CA #AA103 #4043
DCV-1111
DESCRIPTION OF OPERATION
Demand Control Ventilation, w/ control for 1 Exhaust Fan, 1 Supply Fan. Fans turn on & fire, lights out in fire, turn modulate based on space temperature. INVERTER DUTY 3 PHASE MOTOR REQUIRED FOR USE WITH VFD. Room temperature sensor shipped loose for field installation/Verify distance between VFD & motor. Shielded cable not to exceed additional distance exceeds 3m
JOB NO 7406279 | DRAWN BY
DATE FACTORY 3/14/2025
DWG NO ECP #1-6

FACTORY WIRING SCHEMATIC CORE FIRE PROTECTION

RA2-A 120 VAC RELAY		RA2-B 24 VDC RELAY	
NO	4 1	NO	2 1
NC	2 1	NC	1 1
COIL	8 5	COIL	7 2
COM	6 1 5	COM	6 1 5

COMPONENT LIST

LABEL	DESCRIPTION
MAD-01	MANUAL ACTIVATION DEVICE
PCB-2	CORE PCB (per schematic)
PS-02	CORE POWER SUPPLY 60W-SLP-60E
WS-x	Water Solenoid varies
LT-06	24V Red 3rd Light VI-SPNBS-3RV
LL-01	Surf. Level Sensor AMS
AA-01	Audible Alarm SCC2DLXAF28
PB-XX	Prime/Reset Switch (SW4/SW5/SW6) TEST/ARM Switch 19560
SW-04	Tamper Switch 19560
SP-1	Surfactant Pump 5000-805
GV-1	24v DC Gas Valve 3/4"
FS-XX	Duct Fire Sensor SD-F3000-SB360
LT-05	24V TLV 3ink Light VI-SPNBS-TLV
PS-01	Remote Pull/Push Station 111-02418
PWS-01	24VDC Power Supply 24VDC 3W POWER
RD-XX	24VDC Coil Relay FCC-RPT-YNR-01
PS	Pressure Switch (W)/PRESSURE

LEGEND
FIELD WIRING
FACTORY WIRING
BK- BLACK, YW- YELLOW
BL- BLUE, GY- GREY
BR- BROWN, PK- PURPLE
OR- ORANGE, RD- RED
WH- WHITE, GN- GREEN
BK/BL- BK/BL STRIPE
BL/RD- BL/RD STRIPE
RD/GN- RD/GN STRIPE
WH/BL- WH/BL STRIPE

JOB NAME Wingstop Salinas CA #AA103 #4043
DCV-1111
DESCRIPTION OF OPERATION
Fire System #1 TANK FS - 42/48.
JOB NO 7406279 | DRAWN BY
DATE FACTORY 3/14/2025
DWG NO ECP #1-7

CAPTIVEAIRE EQUIPMENT ON THESE SUBMITTALS IS OWNER PROVIDED

REVISIONS

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CAPTIVEAIRE
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ADDRESS
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WINGSTOP SALINAS CA #AA103 #4043
1598 NORTH SANBORN ROAD,
SUITE 200C3
SALINAS, CA, 93905

DATE: 3/14/2025

DWG.#: 7406489

DRAWN BY: WDM-45

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

MASTER DRAWING

SHEET NO. 4

CONSULTANT:

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FAX: (972) 686-6502

PROJECT INFORMATION:

WING·STOP
BORONDA PLAZA
1598 N. SANBORN ROAD, SUITE C
SALINAS, CA 93905
STORE GL#AA103

SEAL:

PROJECT NO.:
DRAWN BY: EAL
CHECKED BY:

ISSUE:	DATE:
PERMIT & BID SET	03/14/2025

REVISION:	DATE:
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WRI-TRAD_v102 SPB 2025.03

PROJECT LOCATION:
SALINAS,CA

SHEET NUMBER / TITLE:
M H4
CAPTIVE AIRE HOOD DRAWINGS

EXHAUST FAN INFORMATION – JOB#7406279

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
1		1	EADU180H	ECON-AIR	2700	1.200	1158	TEFC,PREMIUM	2.000	1.1520	3	208	7.3	624 FPM	199	13.9

MUA FAN INFORMATION – JOB#7406279

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)	SONES
2		1	EA-A1-15D	15MF-1-MOD	A1	-	2160	0.500	1983	ODP,PREMIUM	1.500	1.2380	3	208	4.4	5.5A	15A	271	27.5

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1		1	GREASE BOX
		1	2 YEAR PARTS WARRANTY
2		1	SIZE 1 UNTEMPERED COMMERCIAL DOWN DISCHARGE FOR DIRECT DRIVE AHUS
		1	2 YEAR PARTS WARRANTY

FAN ACCESSORIES

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

CURB ASSEMBLIES

NO	ON FAN	WEIGHT	ITEM	SIZE
1	# 1	52 LBS	CURB	26.500"W X 26.500"L X 24.000"H VENTED HINGED.
2	# 2	29 LBS	CURB	21.000"W X 21.000"L X 20.000"H.

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.

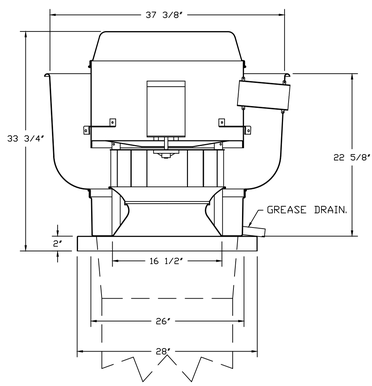
ANY FIELD RELATED DISCREPANCIES THAT ARE DISCOVERED DURING THE SDV WILL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND CORRESPONDING TRADES ON SITE. THESE ISSUES WILL BE DOCUMENTED AND FORWARDED TO THE APPROPRIATE SALES OFFICE. IF CAS SERVICE HAS TO RESOLVE A DISCREPANCY THAT IS A FIELD ISSUE,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

REFER TO FAN MANUALS REGARDING PROPER STARTUP AND INSTALLATION

CAPTIVEAIRE EQUIPMENT ON THESE SUBMITTALS IS OWNER PROVIDED

FAN #1 EADU180H - EXHAUST FAN



FEATURES:

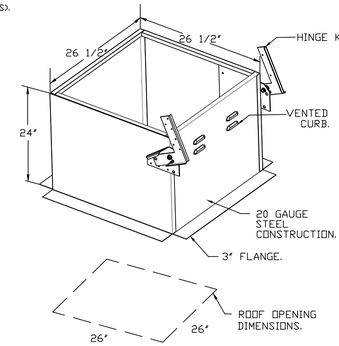
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT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

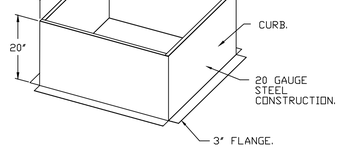
- GREASE BOX.
- 2 YEAR PARTS WARRANTY.

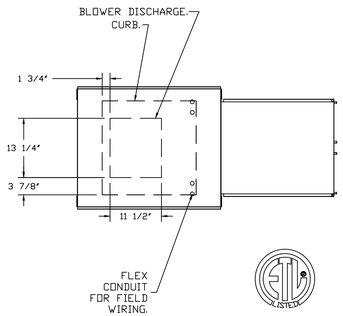


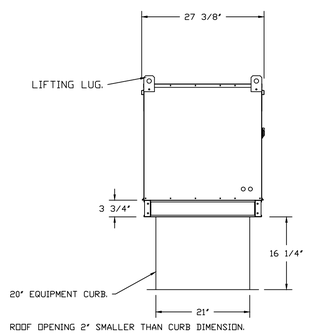
Install exhaust fan so the grease drain is on the opposite side away from the hinges.
install the grease cup on the side of the roof curb (not on the fan base)

FAN #2 EA-A1-15D - SUPPLY FAN
1. UNTEMPERED SUPPLY UNIT WITH 15" MIXED FLOW DIRECT DRIVE FAN IN SIZE #1 HOUSING.
2. INTAKE HOOD WITH EZ FILTERS-LOW CFM.
3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT.
4. DOWN DISCHARGE CONSTRUCTION FOR SIZE 1 UNTEMPERED DIRECT DRIVE AHUS.
5. HINGED DOUBLE WALL INSULATED DOOR ASSEMBLY (BURNER/BLOWER SECTION).
6. 2 YEAR PARTS WARRANTY.

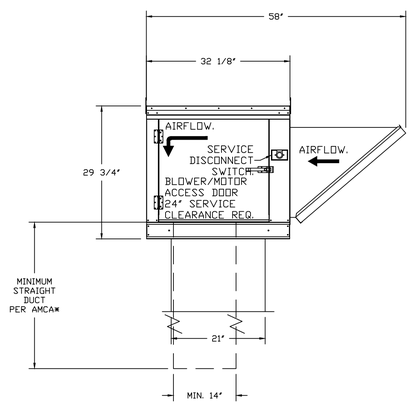
*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE 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 14" x 14".







ROOF OPENING 2" SMALLER THAN CURB DIMENSION.



REVISIONS

	DESCRIPTION	DATE:
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CAPTIVEAIRE
REGOFFICE ADDRESS
www.captiveaire.com

WINGSTOP SALINAS CA #AA103 #4043
1598 NORTH SANBORN ROAD,
SUITE 200C3
SALINAS, CA, 93905

DATE: 3/14/2025

DWG.#: 7406489

DRAWN BY: WDM-45

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

MASTER DRAWING

SHEET NO. 5

CONSULTANT:
ARCHITECT:
BEAUMONT & ASSOCIATES
MAXWELL A. BEAUMONT, ARCHITECT
EMERYVILLE, CA
design@acute-consulting.com

LICENSED ARCHITECT
MAXWELL A. BEAUMONT
NO. C 24621
2-28-27 RENEWAL
STATE OF CALIFORNIA

CLIENT:
WING·STOP
15505 WRIGHT BROTHERS DRIVE
ADDISON, TX 75001
TELEPHONE: (972) 686-6500
FAX: (972) 686-6502

PROJECT INFORMATION:

WING·STOP
BORONDA PLAZA
1598 N. SANBORN ROAD, SUITE C
SALINAS, CA 93905
STORE GL#AA103

SEAL:

PROJECT NO.:
DRAWN BY: EAL
CHECKED BY:

ISSUE:	DATE:
PERMIT & BID SET	03/14/2025

REVISION:	DATE:
1	
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WR-TRAD_v102 SPB 2025.03

PROJECT LOCATION:
SALINAS,CA

SHEET NUMBER / TITLE:
M H5
CAPTIVE AIRE HOOD DRAWINGS

Factory Built Double Wall Grease Duct Specification

Furnish double wall, factory built grease duct for use with Type I kitchen hoods, which conforms to the requirements of NFPA-96. Products shall be ETL listed to UL-1978 and UL-2221 for venting air and grease vapors from commercial cooking operation. Models DW-2R, 3R and 3Z are used for grease duct applications when installed in accordance with these instructions and National Fire Protection Association "NFPA 96"; Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations. Double wall grease ducts are listed for a continuous internal temperature of 500 degrees F and intermittent temperatures of 2000 degrees F.

The duct sections shall be constructed of an inner duct wall and an outer wall with insulation in between. The inner duct wall shall be constructed of .036 inch thick, 430 type stainless steel and be available in diameters 8" through 24". The outer wall shall be constructed of stainless steel at a minimum of .024 inch thickness. The duct, based on model number, shall include layers of Super Wool 607 Plus insulation between the inner and outer wall. Grease duct joints shall be held together by means of formed V clamps and sealed with 3M Fire Barrier 2000+. The duct wall assembly shall be tested and listed at ¾" or zero inch clearance, according to classifications.

Classifications and Clearances

UL 2221: Standard for Fire Resistive Grease Duct Enclosure Assemblies. Chapter 7 of this standard references a test labeled Internal Fire Test. Section 7.1.1 references two installation conditions, Condition A and Condition B. Condition A represents all installation condition except for installation within non-ventilated combustible enclosures. Condition B represents installation within a non-ventilated combustible enclosure.

Model DW-3Z is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a minimum zero clearance to combustibles (sizes 8" to 24" diameter). Model 3Z is listed in accordance with the requirements for duct enclosure Condition A and B.

Model DW-3R is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a reduced clearance to combustibles (sizes 8" to 24" diameter). Model 3R is listed in accordance with the requirements for duct enclosure Condition B.

Model DW-2R is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a reduced clearance to combustibles (sizes 8" to 16" diameter). Model 2R is listed in accordance with the requirements for duct enclosure Condition B.

DUCT MODEL	INNER DIAMETER (ID)	OUTSIDE DIAMETER	CLEARANCE TO COMBUSTIBLES	CLEARANCE TO NON-COMBUSTIBLES
DW - 2R	8" - 16"	ID + 4	3/4"*	0"
DW - 3R	8" - 24"	ID + 6	3/4"**	0"
DW - 3Z	8" - 24"	ID + 6	0"	0"

*DW – 2R: ¾" clearance to combustibles from the surface of the duct outer shell; zero inch clearance from combustibles from the tip of the outer V Band.

**DW – 3R: ¾" clearance to combustibles from the surface of the duct outer shell; zero inch clearance from combustibles from the tip of the outer V Band.

Classifications and Clearances

Through floor fire stop support assembly are used to support duct sections that penetrate a fire resistant floor(s). The full support ring is installed under the double V band; the struts are connected to the support ring with supplied 5/16-18 hardware. Once the struts have been connected they are secured to the floor using appropriate type and size fasteners supplied by others. When duct systems penetrate a fire resistance rated floor, ceiling and/or a wall, a fire stop kit is used to retain the fire resistance rating on the floor and/or wall. The double wall grease duct (2R, 3R and 3Z) and the fire stop assemblies detailed below have achieved 2-hour ratings for integrity, insulation and stability. Testing was conducted in accordance with the applicable requirements UL 2221, Test of Fire Resistive Grease Duct Enclosure Assemblies.

DUCT MODEL	INNER DIAMETER	OUTER DIAMETER	SQUARE / ROUND OPENING MIN/MAX
DW - 2R	8"	12"	14" - 15"
DW - 2R	10"	14"	16" - 17"
DW - 2R	12"	16"	18" - 19"
DW - 2R	14"	18"	20" - 21"
DW - 2R	16"	20"	22" - 23"
DW - 3R / 3Z	8"	14"	16" - 17"
DW - 3R / 3Z	10"	16"	18" - 19"
DW - 3R / 3Z	12"	18"	20" - 21"
DW - 3R / 3Z	14"	20"	22" - 23"
DW - 3R / 3Z	16"	22"	24" - 25"
DW - 3R / 3Z	18"	24"	26" - 27"
DW - 3R / 3Z	20"	26"	28" - 29"
DW - 3R / 3Z	24"	30"	32" - 33"

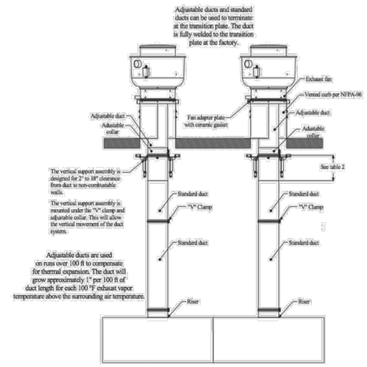
Double Wall Grease Duct shall be installed in accordance with the manufacturer's "Installation, Operation and Maintenance Manual," ETL listing, state codes and local codes. Fans shall be supported independently from the grease duct sections. Protect grease duct from twisting or movement caused by fan torque or vibration.

Additional Information Available

Operation, Installation, and Maintenance Manual
Copy of the manual is sent with every duct order from our manufacturing facility. Additional copies, if needed, are available for download at:
https://www.captiveaire.com/CATALOGCONTENT/DUCTWORK/INSTALLATION.ASP?catId=306&Model=GREASE+DUCT
Available also at the link above are recommendations for vertical and guy line support guides.

Grease Duct Design Guide
The Grease Duct Design Guide gives specifics for all parts available for order including Elbows, Straight Pieces, etc. Formulas and other information to calculate static pressure through a pre-engineered system is also available. Design Guide is available for download at https://www.captiveaire.com/catalog/genpartCatalog.asp?catId=306 or as a hard copy from your local CaptiveAire sales office.

Sample Duct Drawing



Certifications
The DW Series has been certified by ITS. This certification mark indicates that the product has been tested to and has met the minimum requirements of a widely recognized (consensus) U.S. and Canadian products safety standard, that the manufacturing site has been audited, and that the applicant has agreed to a program of periodic factory follow-up inspections to verify continued performance.
Model Double Wall Series is ETL Listed and complies with UL Listings

REVISIONS

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WINGSTOP SALINAS CA #AA103 #4043
1598 NORTH SANBORN ROAD,
SUITE 200C3
SALINAS, CA, 93905

DATE: 3/14/2025
DWG.#: 7406489
DRAWN BY: WDM-45
SCALE: 3/4" = 1'-0"
MASTER DRAWING
SHEET NO. 5

CONSULTANT:
ARCHITECT:
BEAUMONT & ASSOCIATES
MAXWELL A. BEAUMONT,
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LICENSED ARCHITECT MAXWELL A. BEAUMONT NO. C 24621 2-28-27 RENEWAL STATE OF CALIFORNIA

CLIENT:
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FAX: (972) 686-6502

PROJECT INFORMATION:
WING·STOP
BORONDA PLAZA
1598 N. SANBORN ROAD, SUITE C
SALINAS, CA 93905
STORE GL#AA103

SEAL:

PROJECT NO.:
DRAWN BY: EAL
CHECKED BY:

ISSUE:	DATE:
PERMIT & BID SET	03/14/2025

REVISION:	DATE:
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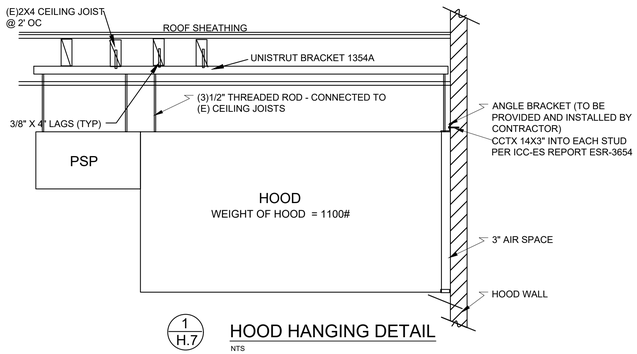
WRI-TRAD_v102 SPB 2025.03

PROJECT LOCATION:
SALINAS,CA

SHEET NUMBER / TITLE:
M H6
CAPTIVE AIRE HOOD DRAWINGS

"THE HOOD IS SECURED BY AN ANGLE BRACKET TO THE BACK WALL BY 3-1/2" #14 SCREWS INTO EACH STUD. THE ANGEL BRACKET IS WELDED TO THE UPPER BACK TOP OF THE HOOD AND SUPPORTS THE ENTIRE WEIGHT OF THE HOOD. TO ADD STABILITY TO THE HOOD, THE FRONT OF THE HOOD IS SUPPORTED BY (3) 1/2" THREADED RODS THAT TIE INTO CEILING JOIST ABOVE. THESE RODS GIVE STABILITY TO THE HOOD BUT SHOULD HAVE NO MORE THAN 100 LBS PER ROD."



1/H.7 HOOD HANGING DETAIL
NTS

HOOD HANGING CALCS

HOLDING FORCE OF #14 SCREW - 200 LBS PER SCREW
NO. OF STUDS = 8 X 200 LBS =1600 LBS HOLDING CAPACITY
HOLDING LOAD OF (3) 1/2" CEILING RODS =300 LBS
TOTAL HOLDING CAPACITY - 1900 LBS
WT. OF HOOD = 1100 LBS

LICENSED ARCHITECT
MAXWELL A. BEAUMONT
NO. C 24621
2-28-27
RENEWAL
STATE OF CALIFORNIA

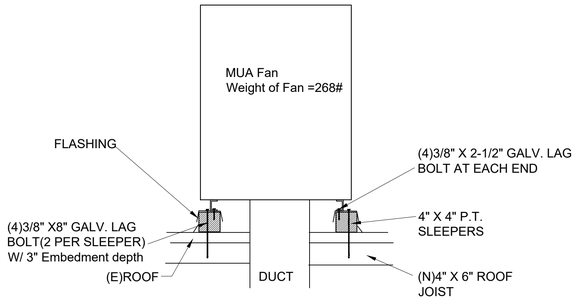
REV. DATE	NO.
06-06-2025	1

ARCHITECT:
BEAUMONT & ASSOCIATES
MAXWELL A. BEAUMONT, ARCHITECT
EMERYVILLE, CALIFORNIA
DESIGN@ACUTE-CONSULTING.COM

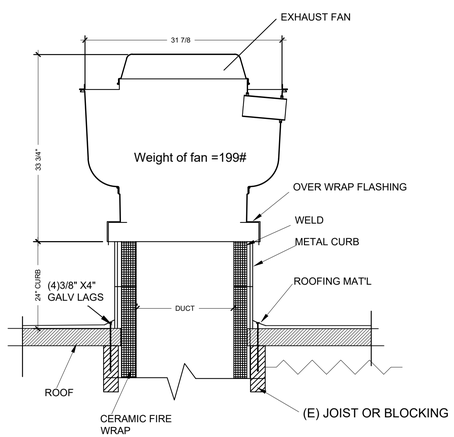
WATER CONNECTION TO ROOF REQUIRED TO MAKE-UP AIR FAN FOR EVAPORATIVE COOLING.

NOTE: MUA FAN TO BE PROVIDED BY CONTRACTOR AS IT IS NOT INCLUDED IN THE CAPTIVE AIRE HOOD SYSTEM PACKAGE.

MASTERCOOL DUCTED EVAPORATIVE COOLER #ADA71, 1/2 HP, 115V



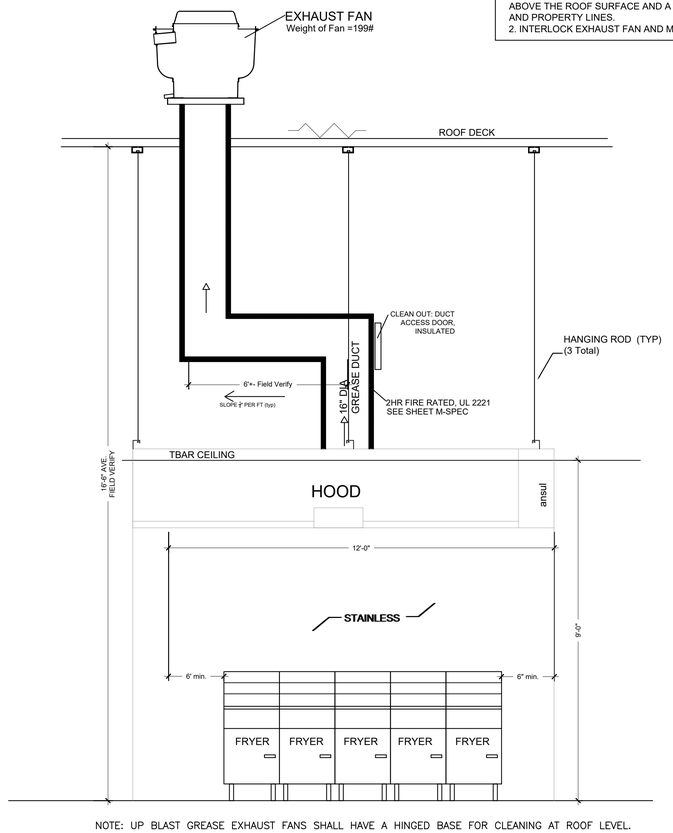
2/H.7 MUA FAN ROOF SUPPORT DETAIL
NTS



3/H.7 EXHAUST FAN ROOF SUPPORT DETAIL
NTS

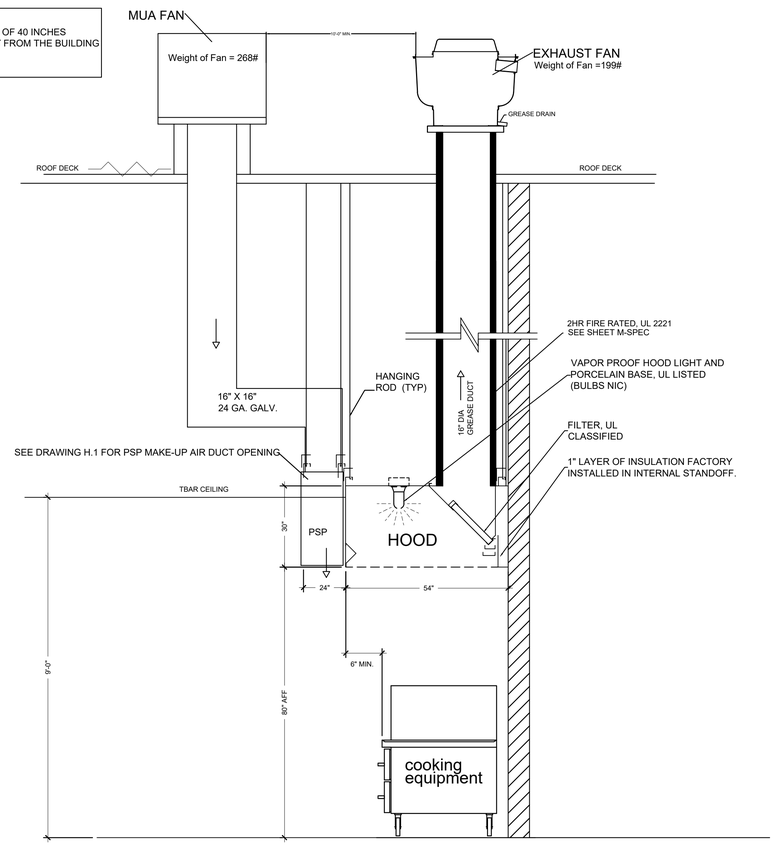
SEE CAPTIVE AIRE TYPE I HOOD SYTEM DETAILS ON SHEET H.1 THRU H.6
NOTE: FIELD VERIFY BEFORE ORDERING CAPTIVE AIRE DUCT
SEE SHEET M.1 FOR EQUIPMENT ROOF PLAN

NOTES:
1. THE GREASE DUCT OUTLET SHALL TERMINATE A MIN. OF 40 INCHES ABOVE THE ROOF SURFACE AND A MIN. OF 10 FT. AWAY FROM THE BUILDING AND PROPERTY LINES.
2. INTERLOCK EXHAUST FAN AND MAKE-UP AIR FAN.



NOTE: UP BLAST GREASE EXHAUST FANS SHALL HAVE A HINGED BASE FOR CLEANING AT ROOF LEVEL.

HOOD & DUCT ELEVATION-FRONT VIEW
NTS



HOOD & DUCT ELEVATION-SIDE VIEW
NTS

Acute Consulting, Inc.
29 ORINDA WAY #1267
ORINDA, CA 94563
925-818-4132

WING STOP RESTAURANT
BORONDA PLAZA
1598 N. SANBORN ROAD, SUITE C
SALINAS, CA 93905
STORE GL#AA103

DWG DATE:
03/10/25

DRAWN BY:
EAL

HOOD INSTALLATIOIN

M H.7

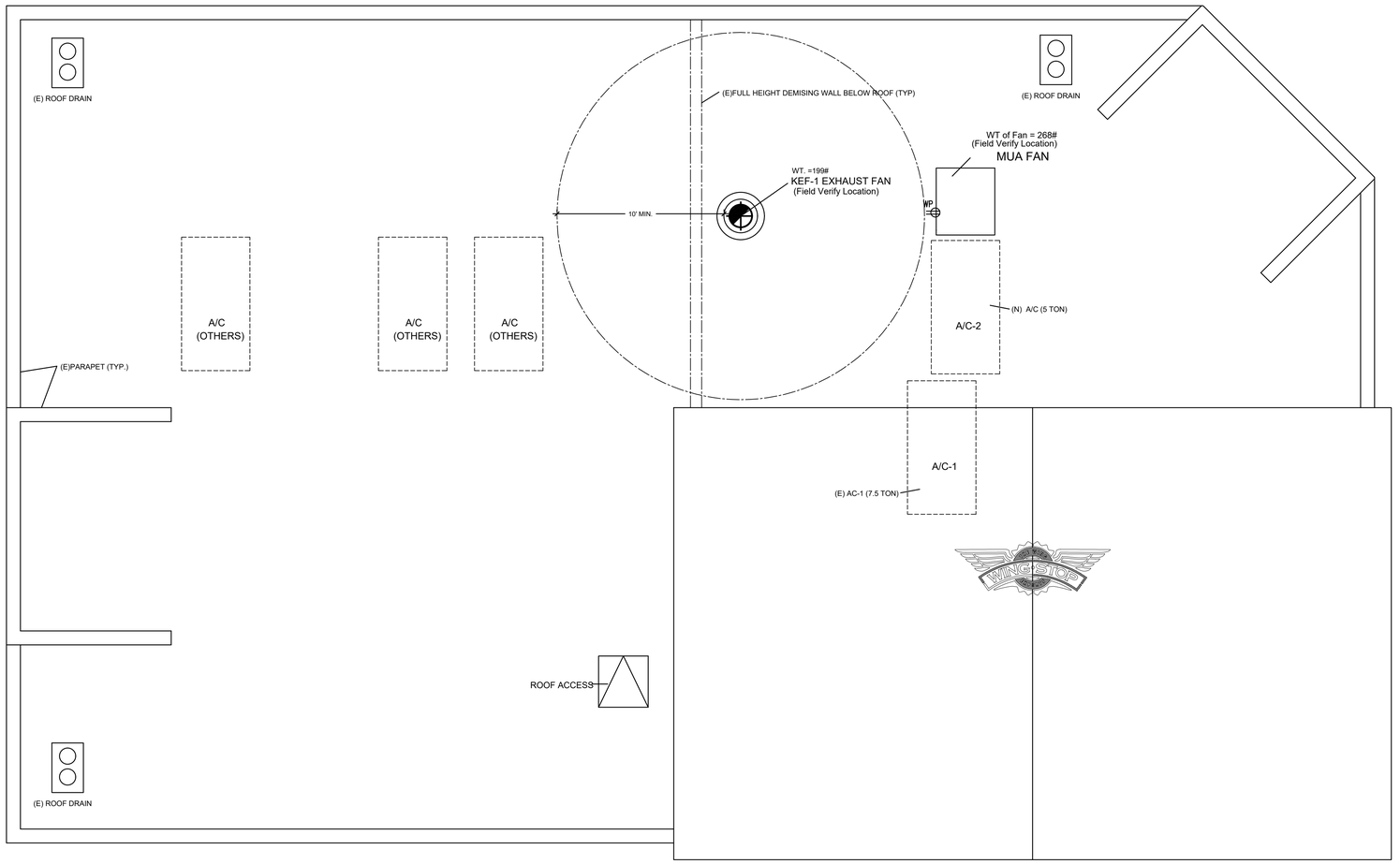
NOTE: EXHAUST OUTLETS SERVING GREASE DUCT SYSTEMS:

ROOF OUTLETS SHALL MEET THE FOLLOWING REQUIREMENTS:

1. SHALL BE MINIMUM 24 INCHES ABOVE THE ROOF SURFACE WITH AIRFLOW DIRECTED UPWARDS..
3. SHALL BE MINIMUM 10 FEET FROM AIR INTAKE OPENING INCLUDING A/C UNITS, AIR INTAKE OPENINGS, WINDOWS, ETC.
3. SHALL BE MINIMUM 10 FEET ABOVE ADJOINING GRADE.
4. SHALL BE MINIMUM 10 FEET AWAY FROM PARTS OF THE SAME BUILDING INCLUDING PARAPETS, EQUIPMENT SCREENS, ROOF PUP OUT, ETC. AND ADJACENT/ ADJOINING BUILDINGS.

NOTE: UP BLAST GREASE EXHAUST FANS SHALL HAVE A HINGED BASE FOR CLEANING AT ROOF LEVEL.

NOTE: A 10' MINIMUM CLEARANCE IS REQUIRED FROM ALL PLUMBING AND EXHAUST VENTS TO AIR INTAKE VENTS.



NOTE: A 10' MINIMUM CLEARANCE IS REQUIRED FROM ALL PLUMBING AND EXHAUST VENTS TO AIR INTAKE VENTS.

PLAN NORTH TRUE NORTH

ROOF EQUIPMENT PLAN

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

STATE OF CALIFORNIA LICENSED ARCHITECT MAXWELL A BEAUMONT NO. C 24621 2-28-27 RENEWAL

REV.	DATE	NO.
	06-06-2025	1

ARCHITECT:
BEAUMONT & ASSOCIATES
MAXWELL A. BEAUMONT, ARCHITECT
EMERYVILLE, CALIFORNIA
DESIGN@ACUTE-CONSULTING.COM

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29 ORINDA WAY #1267
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925-818-4132

WING STOP RESTAURANT
BORONDA PLAZA
1598 N. SANBORN ROAD, SUITE C
SALINAS, CA 93905
STORE GL#AA103

DWG DATE:
03/10/25

DRAWN BY:
EAL

EQUIPMENT ROOF PLAN

M.1

2022 CAL GREEN REQUIREMENTS:
5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.

5.410.4.2 (Reserved)

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)3 for additional testing requirements of specific systems.

5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:

1. Renewable energy systems.
2. Landscape irrigation systems.
3. Water reuse systems.

5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.

5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.

SECTION 5.504 POLLUTANT CONTROL
5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992 Replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction.

5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation and during storage on the construction site until final startup of the heating, cooling and ventilation equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheetmetal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may enter the system.

5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 13. MERV 13 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Exceptions: Existing mechanical equipment.

5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the *California Energy Code*, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

702.1 INSTALLER TRAINING.
HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

1. State certified apprenticeship programs.
2. Public utility training programs.
3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
4. Programs sponsored by manufacturing organizations.
5. Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCD].
When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

1. Certification by a national or regional green building program or standard publisher.
2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
3. Successful completion of a third party apprentice training program in the appropriate trade.
4. Other programs acceptable to the enforcing agency.

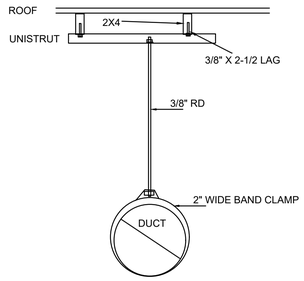
Notes:

1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

703 VERIFICATIONS
703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.



DUCT SUPPORT DETAIL
NTS

SYMBOL LEGEND

MK.	SYMBOL	SPECIFICATIONS	MOUNTING HT.	NOTES
EF		EXHAUST FAN: BROAN #HD80 80CFM SUPPLIER: MELETIO ELECTRICAL SUPPLY	MOUNT TO SCHEDULED GYP CEILING	STANDARD WHITE COVER
		LAY-IN HVAC 2X2 SUPPLY REGISTER PROVIDED BY HVAC CONTRACTOR	MOUNT TO SCHEDULED ACOUSTICAL CEILING	SUPPLY REGISTERS AND EXPOSED DUCT TO BE PAINTED P6
N/A		LAY-IN HVAC 2X2 PERFORATED SUPPLY REGISTER PROVIDED BY HVAC CONTRACTOR	MOUNT TO SCHEDULED ACOUSTICAL CEILING LOCATED NEAR HOOD ONLY	SUPPLY REGISTERS AND EXPOSED DUCT TO BE PAINTED P6
N/A		HVAC SUPPLY REGISTER AT ROUND DUCT	MOUNT TO SCHEDULED DUCT AT A MINIMUM OF 8'-0" A.F.F., DUCT SUPPORTS SHALL BE STANDARD HVAC STYLE 2" WIDTH	SUPPLY REGISTERS AND EXPOSED DUCT TO BE PAINTED P6
		MUA PERFORATED SUPPLY PLENUM (AT HOOD)		
		AC PERFORATED SUPPLY PLENUM (AT HOOD)		
	R	2X4 RETURN REGISTER	SD SMOKE DETECTOR IN SUPPLY LINE IN AC-1 (MUST BE IN COMPLIANCE WITH CFC 907.3.1)	

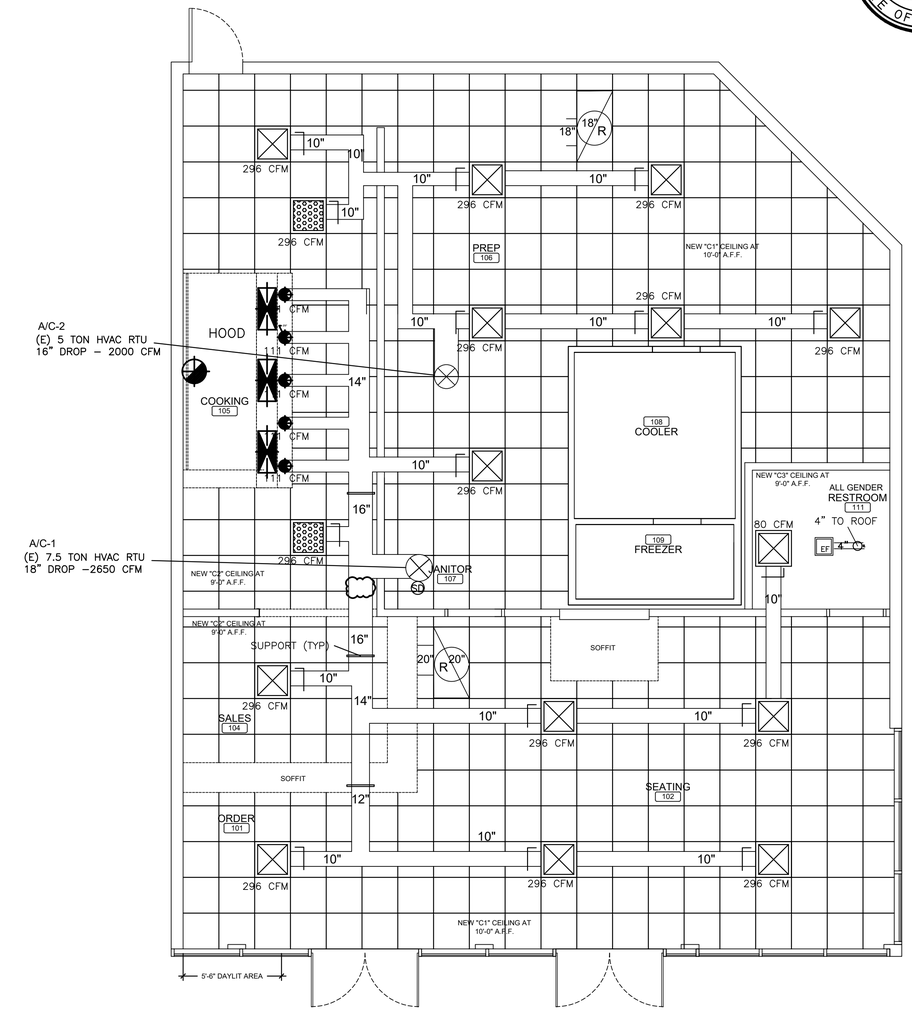
HVAC SCHEDULE

(E)AC-1	7.5 TON HVAC RTU ELECTRICAL – 208 V/3 Ph/60 Hz, 8.7 KW HEATING – 200,000 BTU SUPPLY AIR – 2650 CFM
(N)AC-2	5 TON HVAC RTU ELECTRICAL – 208 V/3 Ph/60 Hz, 8.7 KW HEATING – 200,000 BTU SUPPLY AIR – 2000 CFM

AIR BALANCE SCHEDULE:

UNIT MARK	HVAC AIR	HVAC OUTSIDE AIR	MAKE-UP AIR	EXHAUST AIR	RETURN AIR	NOTES
AC-1	2650 CFM	500	–	–	–	EXISTING
AC-2	2000 CFM	300 CFM	–	–	–	
MUA	–	–	1998 CFM		–	
KEF-1	–	–	–	2475 CFM	–	
EF-1				80 CFM	–	
BLDG. TOTAL	4650 CFM	800 CFM	1998 CFM	2555 CFM	2443 CFM	NET 0 CFM

MAKE UP:	
A/C UNITS OUTSIDE AIR INTAKE	+800
FAN MAKE UP:	+1998
	2798 CFM
EXHAUST:	
HOOD EXHAUST	−2475
GENERAL EXHAUST	−80
	2555 CFM
BALANCE RESULTS:	
MAKE-UP	+2555
EXHAUST	−2555
	0 CFM



PLAN NORTH

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

REV.	DATE	NO.
	06-06-2025	1

LICENSED ARCHITECT
MAXWELL A. BEAUMONT
NO. C 24621
2-28-27
RENEWAL
STATE OF CALIFORNIA

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WING STOP RESTAURANT
BORONDA PLAZA
1598 N. SANBORN ROAD, SUITE C
SALINAS, CA 93905
STORE #AA103

DWG DATE: 03/10/25
DRAWN BY: EAL

HVAC FLOOR PLAN

M.2