

HOOD INFORMATION - JOB#8255684

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)				MUA CFM	AC CFM	HOOD CONSTRUCTION	HOOD CONFIG				
										WIDTH	LENG	HEIGHT	DIA				CFM	VEL	SP	END TO	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)				LIGHT(S)				UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WEIGHT		
		TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE	TYPE	SIZE			ELECTRICAL MODEL #	SWITCHES QUANTITY
1		CAPTRATE SOLD FILTER	9	20"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO	RIGHT	12"x54"x30"	TANK FS	4.0/4.0	DCV-1111	1 LIGHT 1 FAN	YES	1285 LBS

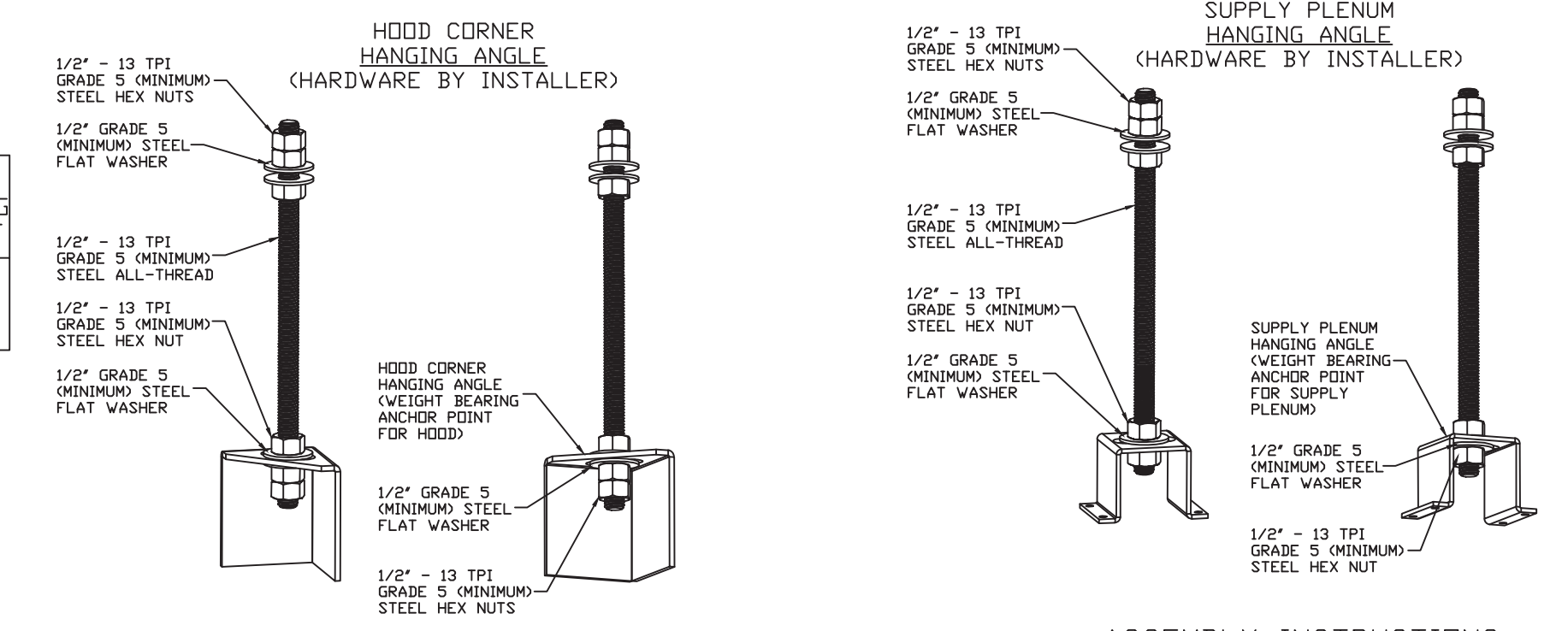
HOOD OPTIONS

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.
		LEFT END PANEL 23" TOP WIDTH, 18" BOTTOM WIDTH, 44" HIGH 430 SS.
		RIGHT 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	POS	LENGTH	WIDTH	HEIGHT	RISER(S)					
						TYPE	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.



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.

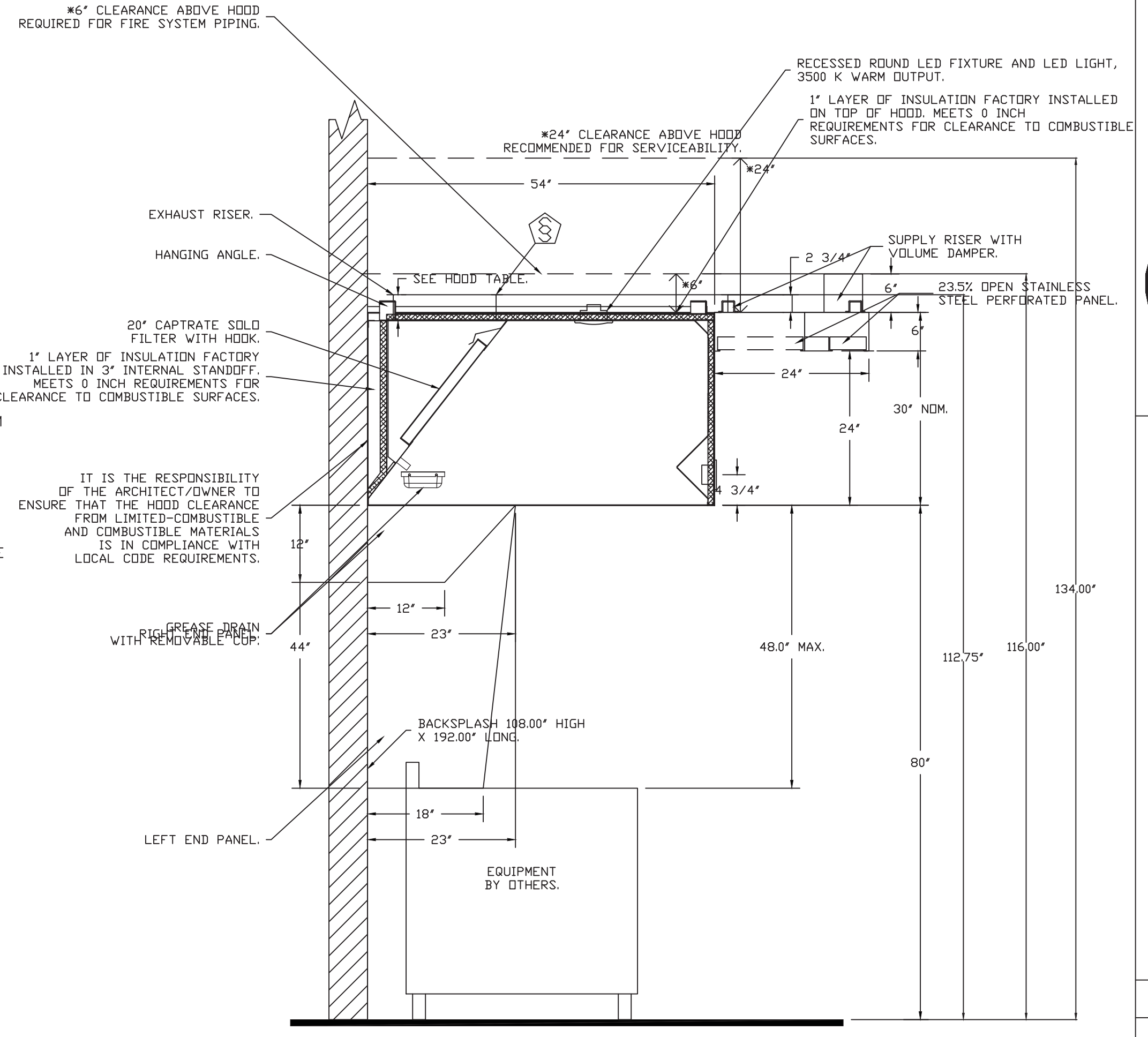
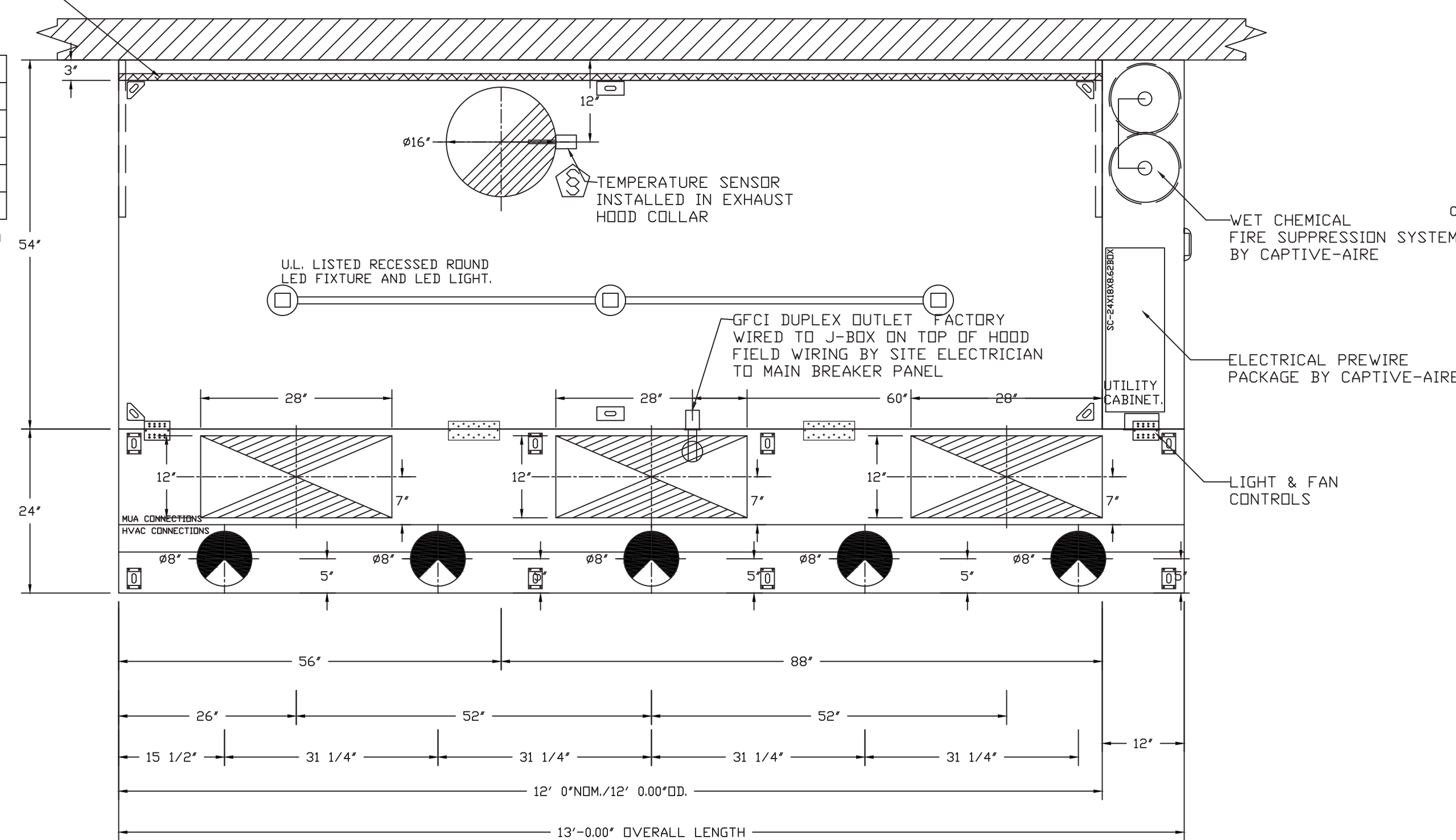
HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE 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.

1" LAYER OF INSULATION FACTORY INSTALLED IN INTERNAL BACK STANDOFF. MEETS 0 INCH REQUIREMENTS FOR CLEARANCE TO COMBUSTIBLE SURFACES.

CLEARANCE TO COMBUSTIBLES

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

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



HOOD CONSTRUCTION OF 18 GAUGE AND 20 GAUGE METAL

ACPSP SHIPS LOOSE FOR FIELD INSTALLATION

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

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

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.

CAPTIVE-AIRE HOOD PACKAGE AS SHOWN IS OWNER PROVIDED

REVISIONS

DESCRIPTION	DATE

CAPTIVE-AIRE

Dallas Office
1901 Royal Lane Suite 101, DALLAS, TX, 75229 PHONE: (214) 220-3989 FAX: 2142200099 EMAIL: reg45@captiveaire.com

Wingstop Atascadero CA #AC317 #3260
2180 El Camino Real,
Atascadero, CA, 93422

DATE: 9/24/2025
DWG.#: 8255684
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

CLIENT:
WINGSTOP
WINGSTOP RESTAURANT, INC
2801 N CENTRAL EXPRESSWAY
DALLAS, TEXAS 75204
PHONE NO.: (972) 686-6500
FAX NO.: (972) 686-6502

DISCLAIMER:
THESE DRAWINGS, IDEAS, SPECIFICATIONS AND DESIGN ARE EXCLUSIVE PROPERTY OF WINGSTOP RESTAURANTS, INC. NO PART OF THESE DRAWINGS MAY BE COPIED, REPRODUCED, OR OTHER STRUCTURES BUILT FROM SUCH WITHOUT THE WRITTEN CONSENT OF WINGSTOP RESTAURANTS, INC.
COPYRIGHT © 2013
WINGSTOP RESTAURANTS, INC.
ALL RIGHTS RESERVED.

PROJECT INFORMATION:
WINGSTOP
STORE NUMBER: GL#AC317
2180 EL CAMINO REAL
ATASCADERO, CA 93422



PROJECT NO.:
DRAWN BY: EAL
CHECKED BY: JCG

ISSUE: DATE:
PERMIT SET 09-25-2025

REVISION	DATE

PROJECT LOCATION:
ATASCADERO, CA

SHEET NUMBER / TITLE:
H1
CAPTIVE AIRE HOOD DRAWINGS

FIRE SYSTEM INFORMATION - JOB#8255684

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 RIGHT	RIGHT, HOOD 1

GAS VALVE(S)

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

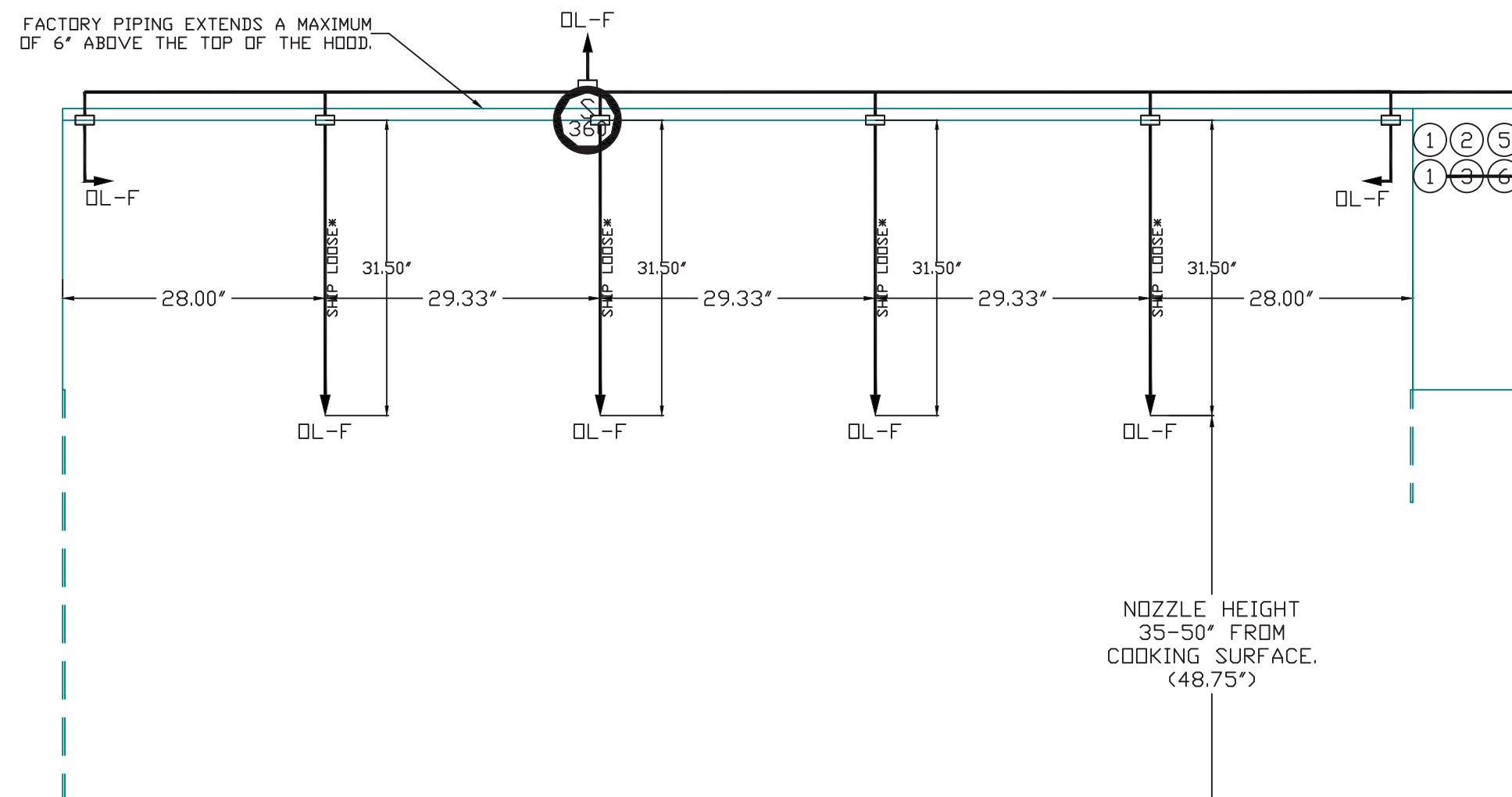
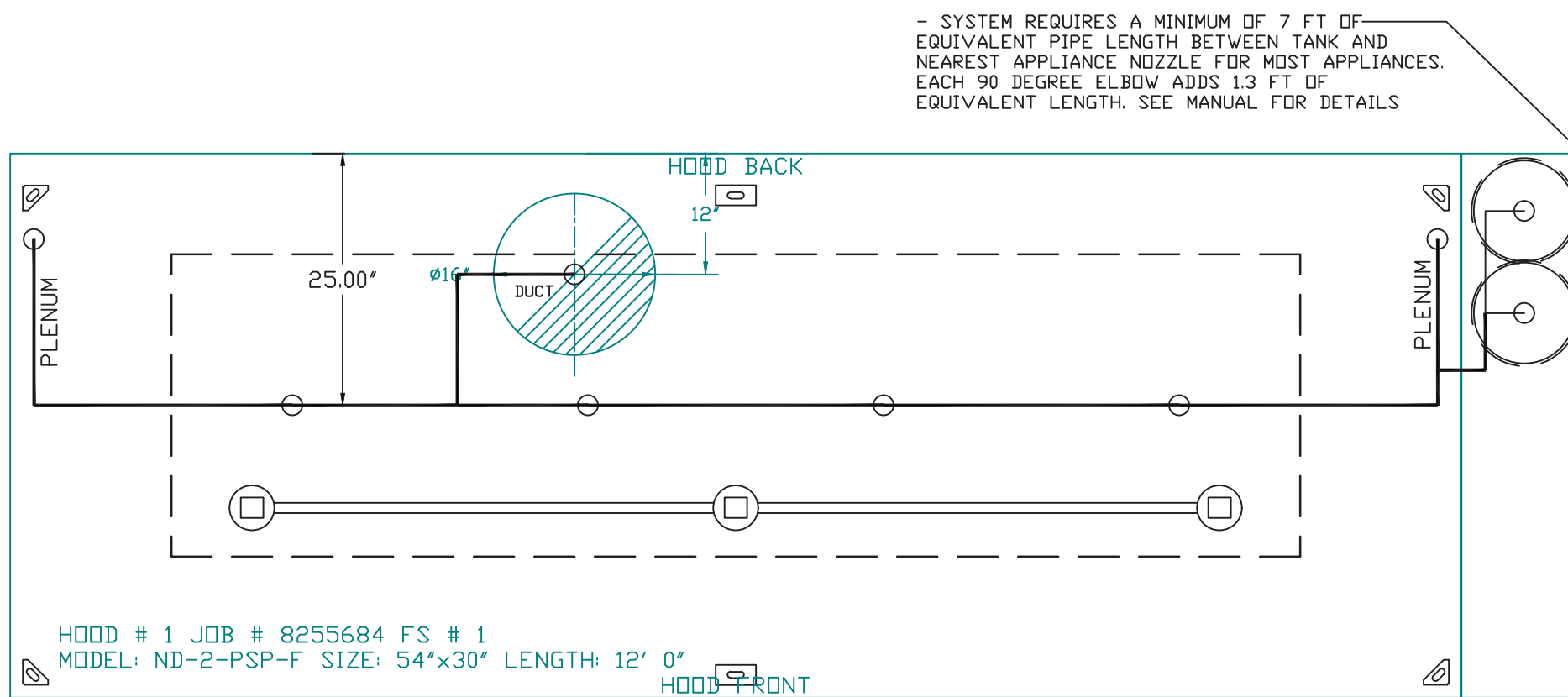
INCLUDES: FIELD INSTALLATION AND HOOKUP OF THE FIRE SUPPRESSION SYSTEM DURING NORMAL BUSINESS HOURS ONLY, TWO SITE VISITS ONLY (ONE VISIT FOR SYSTEM HOOKUP/INSTALL AND ONE VISIT FOR ONE SYSTEM TEST/FINAL WITH FIRE MARSHAL), PERMIT, AND ONE SYSTEM TEST.

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/DRD-C1254.6 and ULC/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.



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 SHELVEING, 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 #: 8255684.
JOB NAME: WINGSTOP ATASCADERO CA #AC317 #3260.

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.

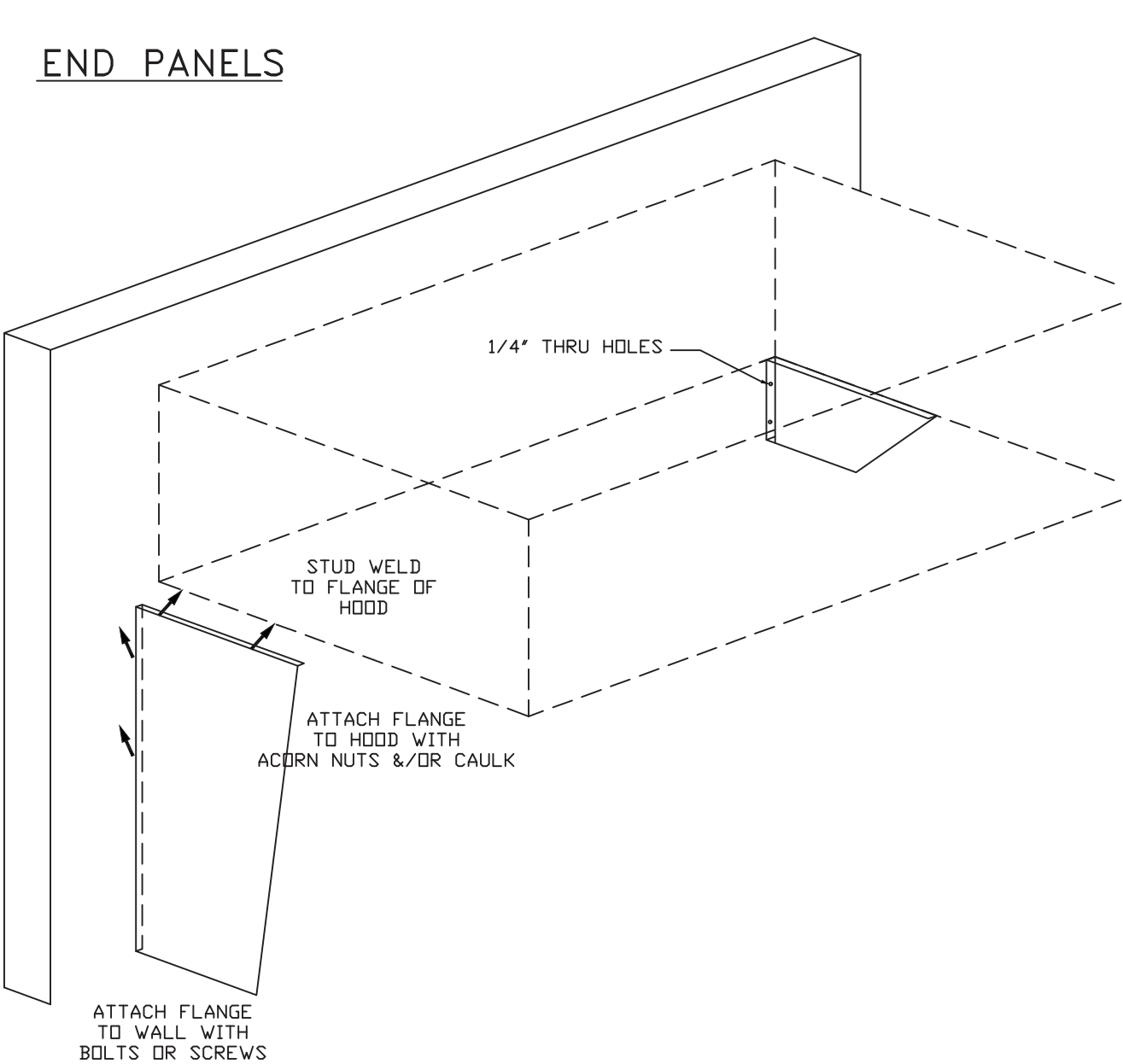
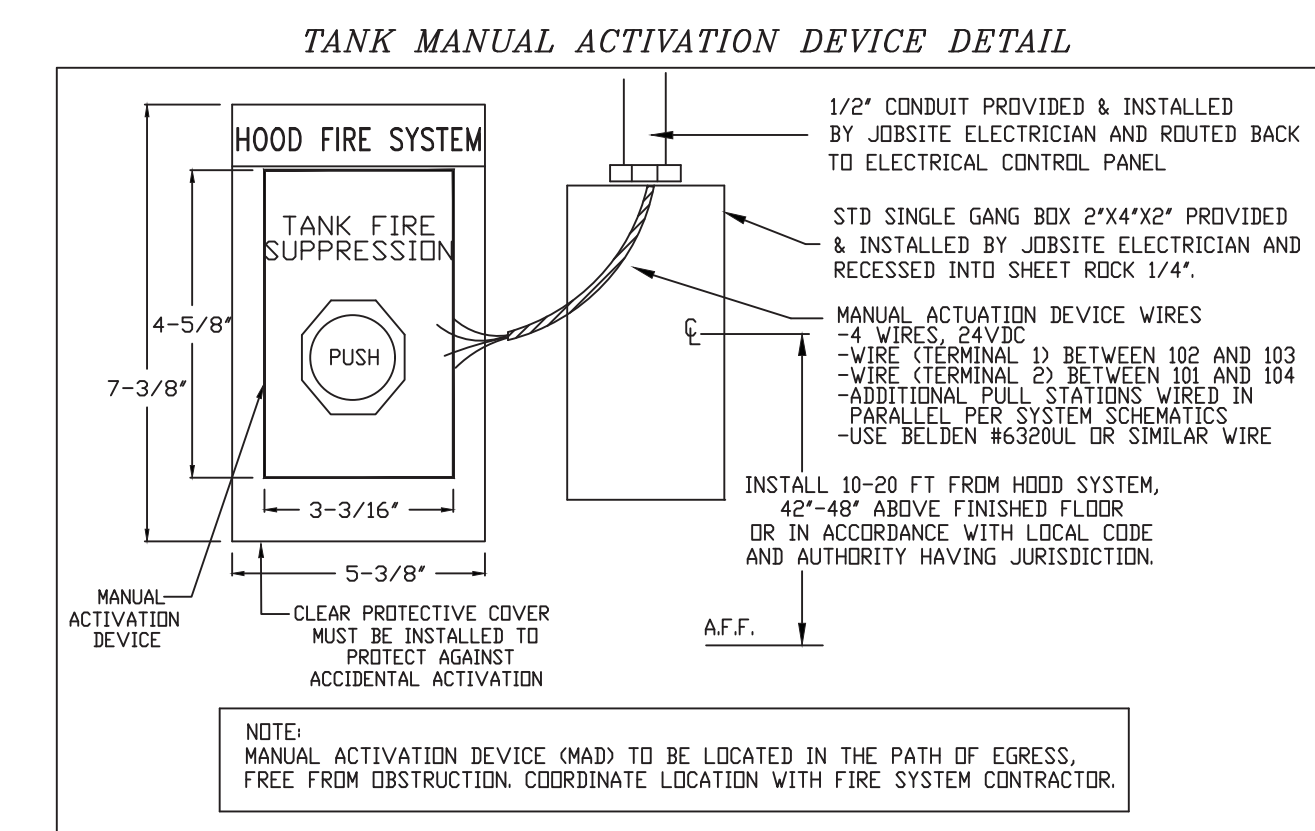
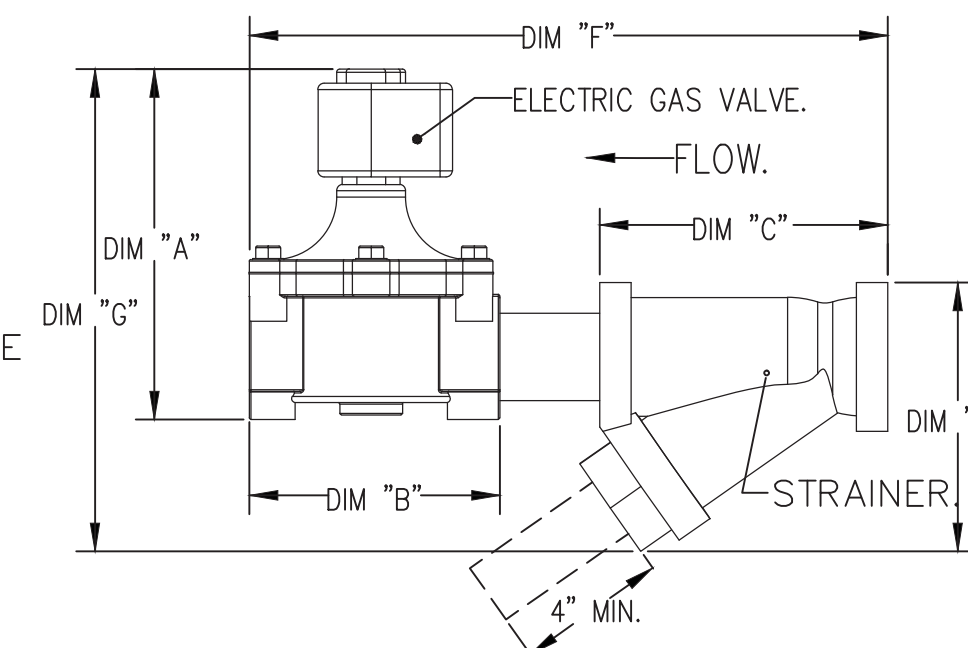
AGENT DISTRIBUTION PIPING LIMITATIONS	
PIPE SECTION	MAX PIPE LENGTH (FT)
MAX SUPPLY LINE TO FIRST OVERLAPPING NOZZLE	42
OVERLAPPING NOZZLE APPLIANCE BRANCH	10
DEDICATED NOZZLE APPLIANCE BRANCH	10

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.

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 "E"	DIM "G"	MOUNTING ORIENTATION	GAS VALVE PART NUMBER	STRAINER PART NUMBER	GAS VALVE/STRAINER KIT (SC)EDVA2			
GAS VALVE FOR FSA	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	4417K68	(SC)EDVA2		

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. 2"VAC GAS VALVES MUST BE MOUNTED WITH THE SOLENOID VERTICAL AND UPRIGHT.



CAPTIVE-AIRE HOOD PACKAGE AS SHOWN IS OWNER PROVIDED

REVISIONS	
DESCRIPTION	DATE



Wingsstop Atascadero CA #AC317 #3260
2180 El Camino Real,
Atascadero, CA, 93422

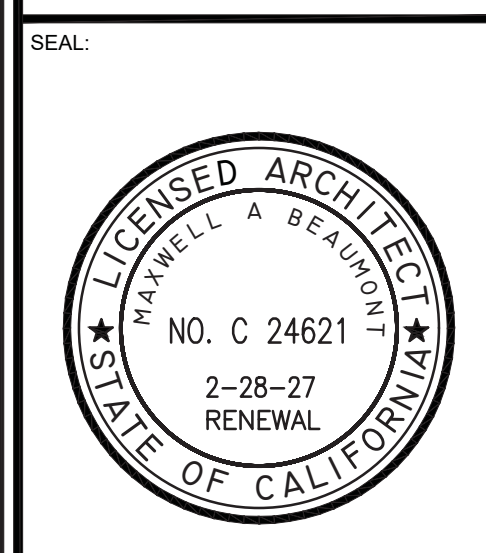
DATE: 9/24/2025
DWG.#: 8255684
DRAWN BY: wdm-45
SCALE: 3/4" = 1'-0"
MASTER DRAWING
SHEET NO. 2

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

CLIENT:
WINGSTOP
WINGSTOP RESTAURANT, INC
2801 N CENTRAL EXPRESSWAY
DALLAS, TEXAS 75204
PHONE NO.: (972) 686-6500
FAX NO.: (972) 686-6502

DISCLAIMER:
THESE DRAWINGS, IDEAS, SPECIFICATIONS AND DESIGN ARE EXCLUSIVE PROPERTY OF WINGSTOP RESTAURANTS, INC. NO PART OF THESE DRAWINGS MAY BE COPIED, REPRODUCED, OR OTHER STRUCTURES BUILT FROM SUCH WITHOUT THE WRITTEN CONSENT OF WINGSTOP RESTAURANTS, INC.
COPYRIGHT © 2013
WINGSTOP RESTAURANTS, INC.
ALL RIGHTS RESERVED

PROJECT INFORMATION:
WINGSTOP
STORE NUMBER: GL#AC317
2180 EL CAMINO REAL
ATASCADERO, CA 93422



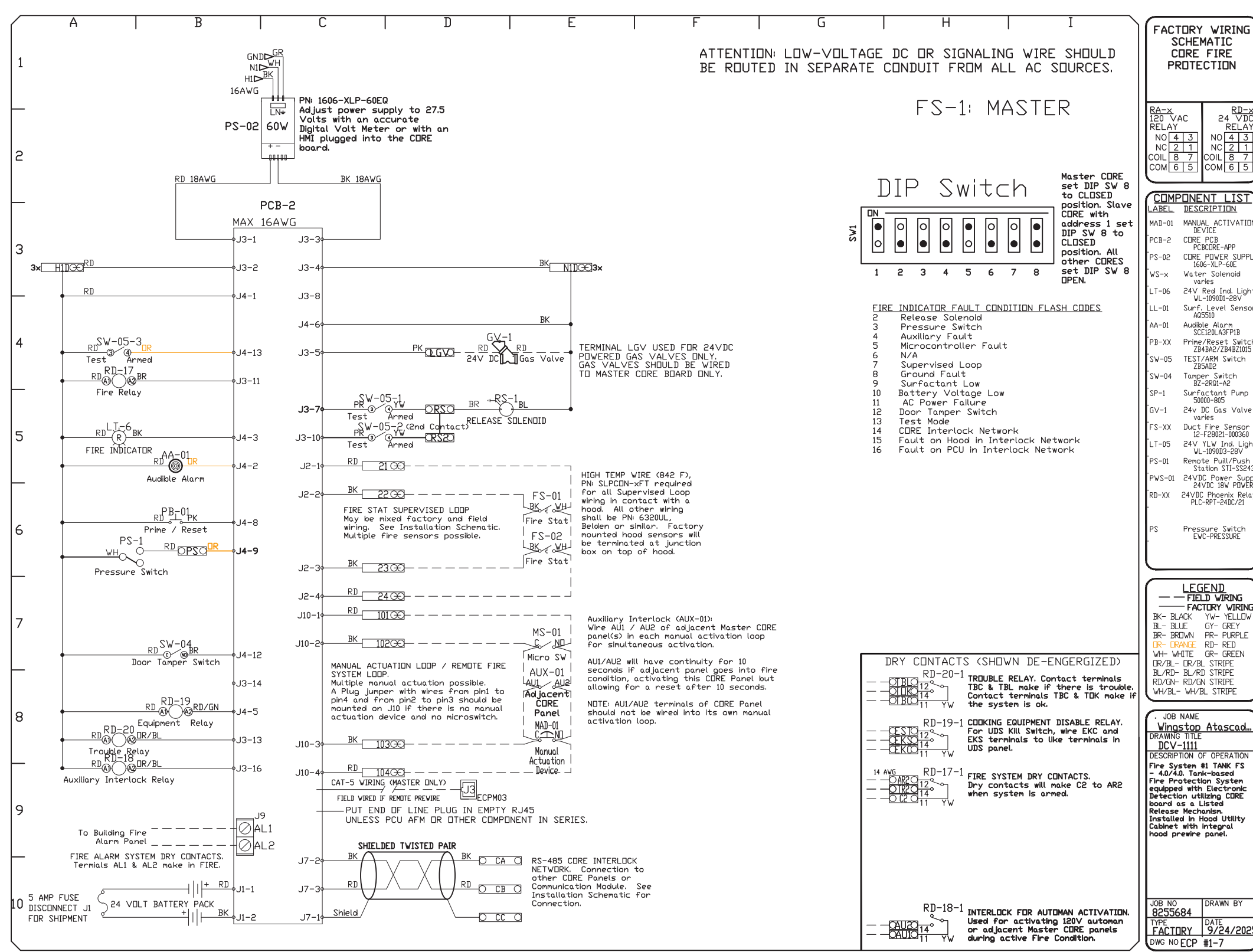
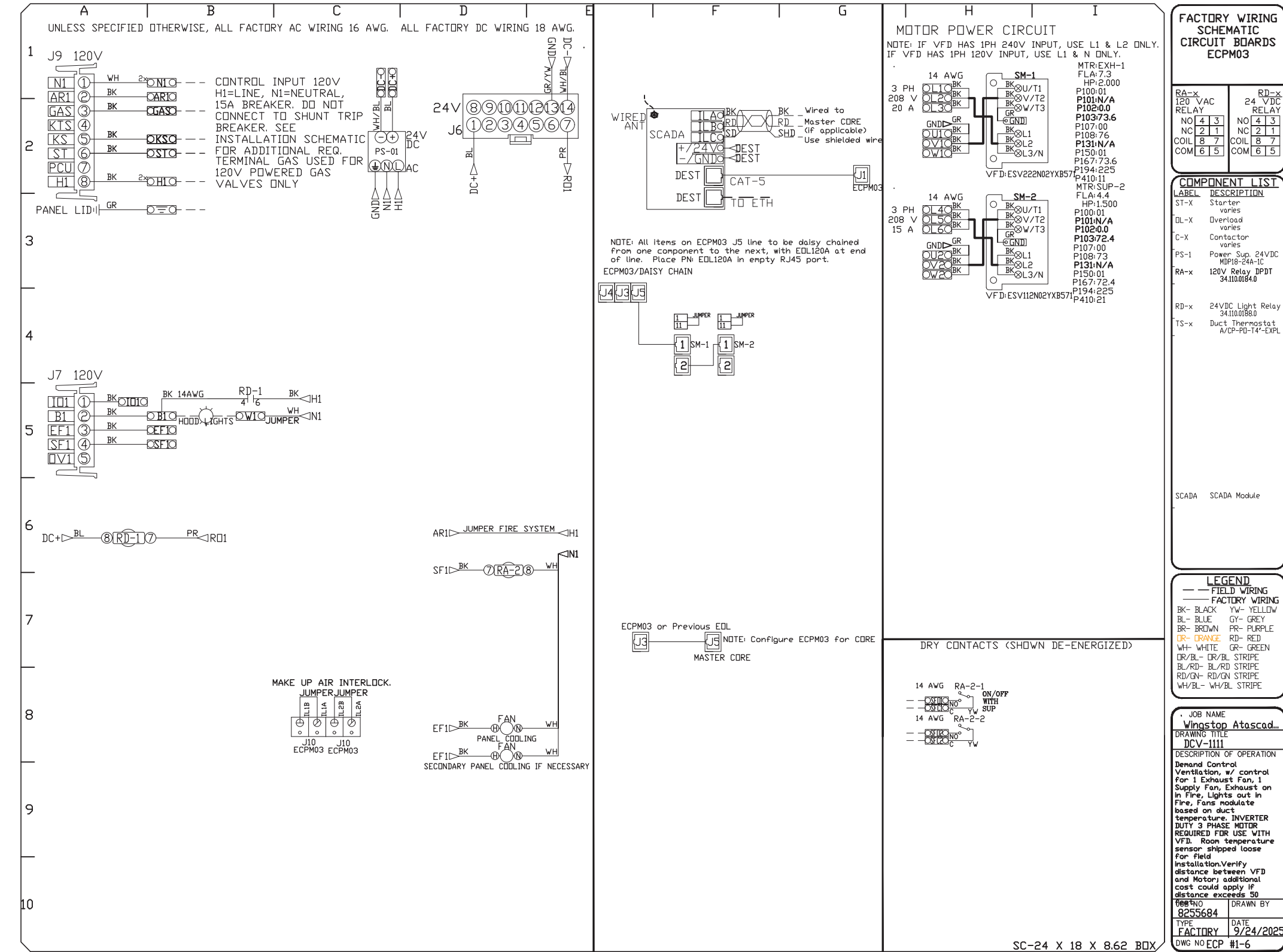
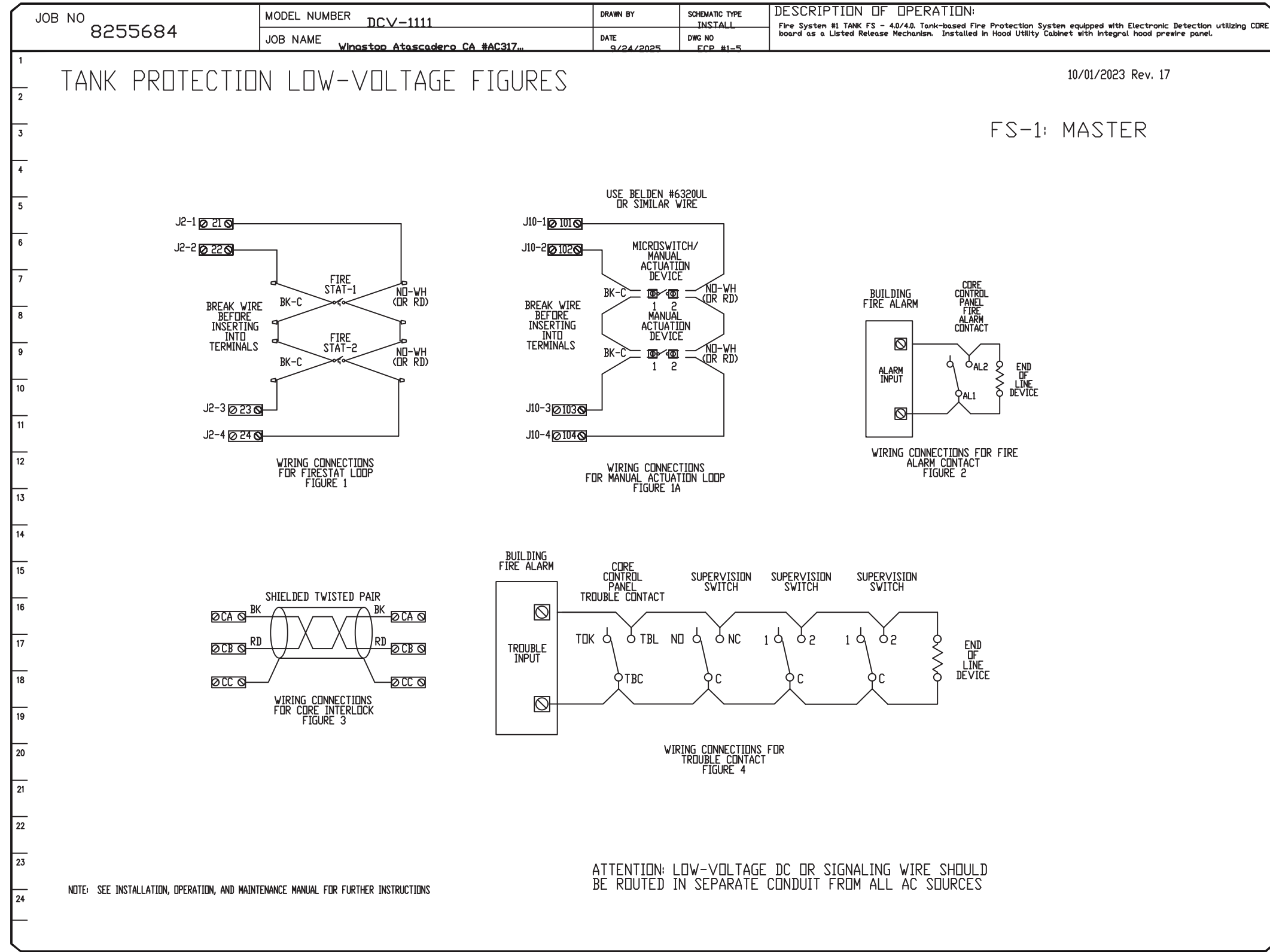
PROJECT NO.:
DRAWN BY: EAL
CHECKED BY: JCG

ISSUE: DATE:
PERMIT SET 09-25-2025

REVISION	DATE

PROJECT LOCATION:
ATASCADERO, CA

SHEET NUMBER / TITLE:
H2
CAPTIVE AIRE HOOD DRAWINGS



REVISIONS

NO.	DESCRIPTION	DATE

CAPTIVE

Dallas Office
 1901 Royal Lane Suite 101, DALLAS, TX, 75229 PHONE: (214) 220-3999 FAX: 2142200099 EMAIL: reg45@captiveaire.com

Wingsstop Atascadero CA #AC317 #3260
 2180 El Camino Real,
 Atascadero, CA, 93422

DATE: 9/24/2025
DWG.#: 8255684
DRAWN BY: WDM-45
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 4

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

CLIENT:

WINGSTOP

WINGSTOP RESTAURANT, INC
 2801 N CENTRAL EXPRESSWAY
 DALLAS, TEXAS 75204
 PHONE NO.: (972) 686-6500
 FAX NO.: (972) 686-6502

DISCLAIMER:
 THESE DRAWINGS, IDEAS, SPECIFICATIONS AND DESIGN ARE EXCLUSIVE PROPERTY OF WINGSTOP RESTAURANTS, INC. NO PART OF THESE DRAWINGS MAY BE COPIED, REPRODUCED, OR OTHERWISE TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN CONSENT OF WINGSTOP RESTAURANTS, INC.

PROJECT INFORMATION:

WINGSTOP

STORE NUMBER: GL#AC317
 2180 EL CAMINO REAL
 ATASCADERO, CA 93422

SEAL:

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

PROJECT NO.:
DRAWN BY: EAL
CHECKED BY: JCG

ISSUE: DATE:
PERMIT SET: 09-25-2025

REVISION: DATE:

PROJECT LOCATION:
 ATASCADERO, CA

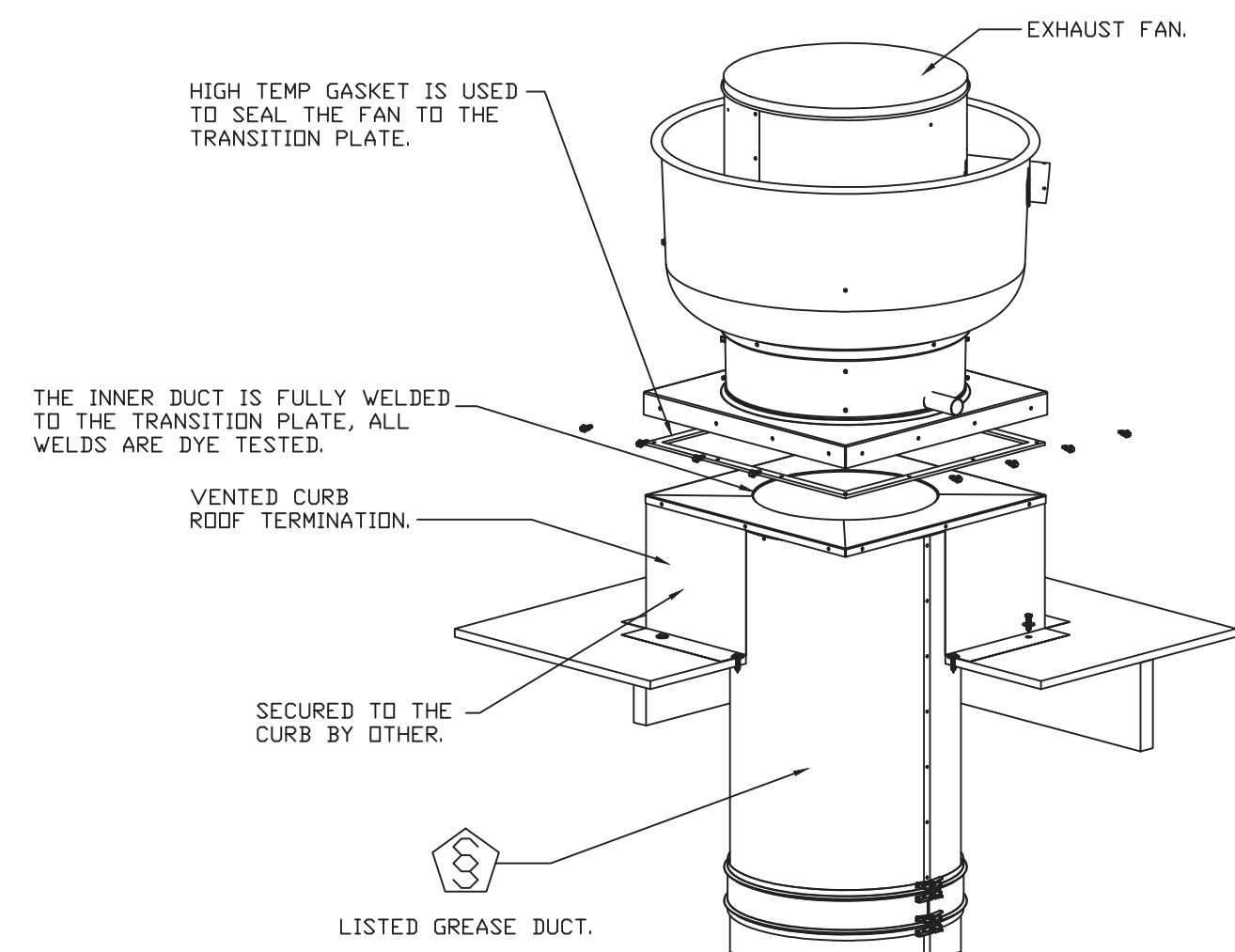
SHEET NUMBER / TITLE:
H4
 CAPTIVE AIRE HOOD DRAWINGS

CAPTIVE-AIRE HOOD PACKAGE AS SHOWN IS OWNER PROVIDED

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

DUCTWORK #1 PARTS - JOB#8255684 DOUBLE WALL FOR 18' ROOF DECK

TAG	PART #	CFM	GPM	ZONE	COVERED BY	SP	WEIGHT	VELOCITY	QTY	DESCRIPTION
HI-E1	EDW20DWRISER-2R-S	2700				-1.008	8.36	0.00	1	DOUBLE WALL RISER COVER - USED ON 16" INNER RISER, 4' LONG - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER RISER SHELL ASSEMBLY. INCLUDES INSULATION & SINGLE V CLAMPS FOR INNER & OUTER CONNECTIONS.
P1	EDW1645DWASY-2R-S	2700				-0.1388	22.06	1934.00	1	DOUBLE WALL DUCT - 16" INNER 45 DUCT - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL.
P2	EDW1645DWASY-2R-S	2700				-0.1982	22.06	1934.00	1	DOUBLE WALL DUCT - 16" INNER 45 DUCT - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL.
P3	EDW1635DWLT-2R-S	2700				-0.0171	52.26	1934.00	1	DOUBLE WALL DUCT - 16" INNER DUCT, 35' LONG - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL.
P4	EDW1647DWAJD-2R-S	2700				-0.0144	103.34	1934.00	1	DOUBLE WALL ADJUSTABLE DUCT - 16" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 20" 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.
P5 ASSEMBLED W/P6	EDW1635DWLTP-2R-S	2700				-0.017	53.98	1934.00	1	DOUBLE WALL DUCT - 16" INNER DUCT, 35' LONG - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL - USED WITH TRANSITION PLATE.
P6 ASSEMBLED W/P5 D=B	EDW2616TPDBEX	2700					9.00	1934.00	1	DUCT TO CURB TRANSITION 3/4" DOWN TURN, 26 1/2" CURB TO 16" DUCT, 16 GA ALUMINIZED. USED ON NCA16FA / NCA16HPFA & NCA18FA / NCA18HPFA. TRANSITION PLATE OD IS 27.00" DESIGNED FOR USE WITH EXHAUST FAN.
SYSTEM AT P6						-1.3935	0.00			
RC1	EDW20DWRISER-2R-S						8.36		1	DOUBLE WALL RISER COVER - USED ON 16" INNER RISER, 4' LONG - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER RISER SHELL ASSEMBLY. INCLUDES INSULATION & SINGLE V CLAMPS FOR INNER & OUTER CONNECTIONS.
	E3M-2000PLUS						0.80		2	DUCT - 3M FIRE BARRIER 2000 PLUS SILICONE - USED AS SEALANT TO SEAL DUCT JOINTS.
	EDW16DWCLASY-2R-S						7.96		2	DUCT - 16" DUCT - 20" DOUBLE "V" CLAMP - 2R INSULATION & SINGLE "V" CLAMP INCLUDED - REDUCED CLEARANCE.
TOTAL WEIGHT							296.94			



REVISIONS	
DESCRIPTION	DATE

CAPTIVE
 Dallas Office
 1901 Royal Lane Suite 101, DALLAS, TX, 75229 PHONE: (214) 220-3999 FAX: 2142200999 EMAIL: reg4@captiveaire.com
 www.captiveaire.com

Wingsstop Atascadero CA #AC317 #3260
 2180 El Camino Real,
 Atascadero, CA, 93422

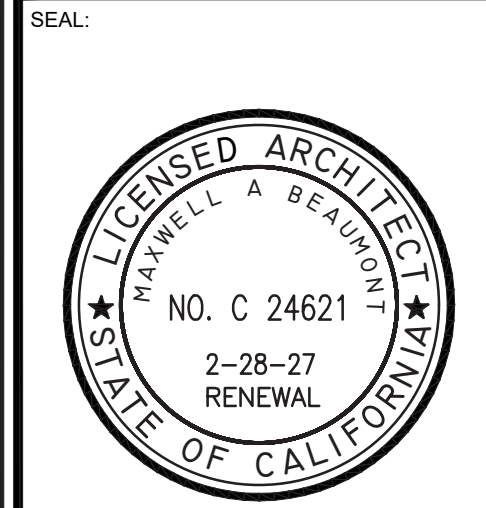
CLIENT:

 WINGSTOP RESTAURANT, INC
 2801 N CENTRAL EXPRESSWAY
 DALLAS, TEXAS 75204
 PHONE NO.: (972) 686-6500
 FAX NO.: (972) 686-6502

DISCLAIMER:
 THESE DRAWINGS, IDEAS, SPECIFICATIONS AND DESIGN ARE EXCLUSIVE PROPERTY OF WINGSTOP RESTAURANTS, INC. NO PART OF THESE DRAWINGS MAY BE COPIED, REPRODUCED, OR OTHER STRUCTURES BUILT FROM SUCH WITHOUT THE WRITTEN CONSENT OF WINGSTOP RESTAURANTS, INC.
 COPYRIGHT © 2013
 WINGSTOP RESTAURANTS, INC.
 ALL RIGHTS RESERVED

PROJECT INFORMATION:

WINGSTOP
 STORE NUMBER: GL#AC317
 2180 EL CAMINO REAL
 ATASCADERO, CA 93422



PROJECT NO.:
 DRAWN BY: EAL
 CHECKED BY: JCG

ISSUE: DATE:
 PERMIT SET 09-25-2025

REVISION: DATE:

DATE: 9/24/2025

DWG.#:
 8255684

DRAWN BY: WDM-45

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

MASTER DRAWING

SHEET NO.
 6

PROJECT LOCATION:
 ATASCADERO, CA

SHEET NUMBER / TITLE:
H6
 CAPTIVE AIR HOOD DRAWINGS

GREASE DUCT SPECIFICATION
 Furnish 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. For venting air and grease vapors from commercial cooking operations as described in NFPA-96. The duct wall shall be constructed of .036 thick type 430 stainless steel and be available in diameters 5" through 36". All supports, fan adapters, hood connections, fittings and expansion joints required to install grease duct shall be included. Roof penetrations shall comply with listed clearance to combustibles, see "Clearance to Combustibles" guide for details. The grease duct will terminate at the fan adapter plate, will be fully welded to the fan adapter plate and the fan adapter plate will be fastened to the curb using a suitably sized fastener provided by others; see page 12 of the "Installation, Operation and Maintenance Manual" for details.
 Grease duct joints shall be held together by means of formed vee clamps and sealed with 3M Fire Barrier 2000+. Screws used to secure the vee clamps shall be of the hex-head type with flanged stops and tapered "lead in" threads for easy starting. Nuts shall be retained by means of a free-floating cage to allow easy alignment.
 Single-Wall Grease Duct shall be installed in accordance with the manufacturer's "Installation, Operation and Maintenance Manual", ETL listing and state and local codes.
 Grease duct installed outside of the building shall be protected against accidental damage or vandalism.
 Support vertically installed grease duct from the building structure using rigid structural supports. Anchor supports to the structure by welding or bolting steel expansion anchors or concrete inserts. Support horizontally installed grease duct from the building structure using above method or use Duct Mate, Wire Rope & Clutchers, part numbers WR20 & CL20. 1/2" Threaded rod and saddles may also be used for the support of horizontal grease duct.
 Fans shall be supported independently from the grease duct sections. Protect grease duct from twisting or movement caused by fan torque or vibration.

Model DW Series is ETL Listed under file number 3114021, and complies with UL-1978, as well as CAN/ULC-S662.
 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.

UL 1978 - Standard for Grease Duct
 UL 2221 - Fire Resistant Grease Duct Enclosure Assemblies
 NFPA 96 - Installation Standard
 ASTM E2336 - Test Method for Fire Resistant Grease Duct Enclosure System

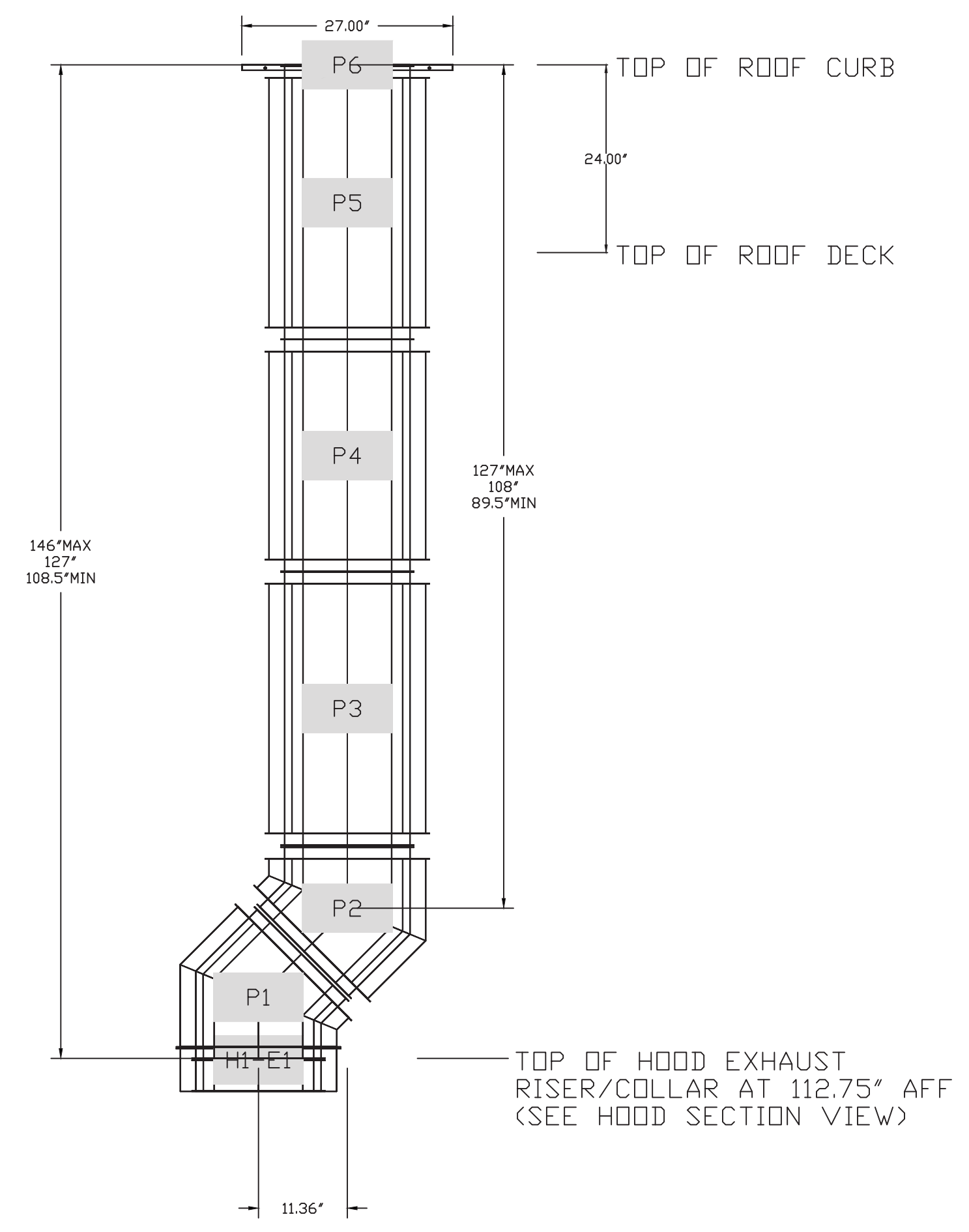
- DOUBLE WALL FACTORY BUILT DUCTWORK**
- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
 - FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE ENTIRE INSTALLATION AND OPERATION MANUAL.
 - DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE 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 SUPPRT (FT)	CURB SUPPRT (FT)	FLOOR SUPPRT (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 FRONT VIEW FOR 18' ROOF DECK



GREASE DUCT IS OWNER PROVIDED WITH THE HOOD PACKAGE