FIRE SYSTEM INFORMATION – JOB#4783687

FIRE SYSTEM NO	TAG	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1		ANSUL R102	3.0	3	WALL UTILITY CABINET LEFT	N/A

GAS VALVE(S)

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

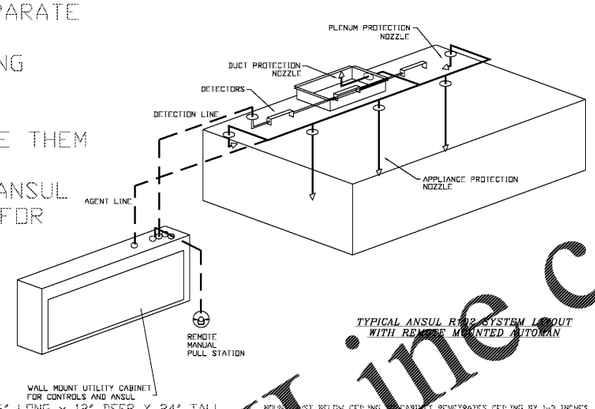
FIRE SYSTEM PARTS LIST KEY

FIRE SYSTEM NO	TAG	KEY NUMBER – PART DESCRIPTION	QTY BY FACTORY	QTY BY DIST
1		0 – 0 – 43-15733 AIR CYLINDER ASSEMBLY – AIR CYLINDER AND TUBING FOR MECHANICAL GAS VALVES (ANSUL PART #15733).	1	0
		0 – 0 – TANK STRAP TANK STRAP – USED FOR ANSUL TANKS.	1	0
		0 – 0 – UCTANKBRACKET TANK BRACKET FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS.	1	0
		1 – 1 – AT – 3.0 TANK(#1B) – 3.0 GALLON SS TANK (FOR USE WITH AUTOMAN RELEASE, ACTUATOR, OR SS ENCLOSURE (UL/ULC)) MACOLA # 01-429862.	1	0
		3 – 3 – ANS-OEM REGULATED RELEASE – ANSUL REGULATED MECHANICAL RELEASE/BRACKET ASSEMBLY, OEM, R-102, CARTRIDGE DETECTION INCLUDED, ANSUL PART # 79493.	1	0
		5 – 5 – LIQ-3.0 AGENT – ANSULEX LOW PH WET CHEMICAL AGENT, 3 GALLON (UL) 79372.	0	1
		7 – 7 – 101-20 CARTRIDGE – CARBON DIOXIDE 101-20, 3 GALLON CARTRIDGE (R-102).	0	1
		10 – 10 – TLINK LINK – TEST LINK (1 TEST LINK) ANSUL PART # 24916, MACOLA # 20-24916.	0	1
		11 – 11 – MICRO-SDA MICROSWITCH KIT- INCLUDES 2 SWITCHES AND MOUNTING HARDWARE. SINGLE DUAL ELECTRIC SWITCH, ONE STANDARD SWITCH, ONE ALARM DUTY SWITCH ANSUL PART # 437155, MACOLA # 08-437155.	1	0
		27 – 27 – QPSA-1/2 PULLEY SEAL – 1/2" HOOD SEAL (UL) ANSUL PART # 423253, MACOLA # 32-79768.	1	0
		34 – 34 – RPS-A REMOTE PULL STATION – RED COMPOSITE (WITHOUT WIRE ROPE) 434618 (OLD MACOLA #06-4835).	1	0
		35 – 35 – PE-LT PULLEY ELBOW – LOW TEMP. PULLEY ELBOW, SET SCREW TYPE ANSUL PART # 415670, MACOLA # 11-415671.	0	10
		36 – 36 – PE-HT PULLEY ELBOW – HIGH TEMP PULLEY ELBOW, COMPRESSION TYPE, ANSUL PART # 423251, MACOLA # 10-45771.	1	0

IMPORTANT NOTES:

THIS FIRE SYSTEM WILL BE SEPARATE FROM EXISTING CORE FIRE SUPPRESSION SYSTEM IN EXISTING HOODS AND WORK INDIVIDUALLY.

HOWEVER, THE AHJ MAY REQUIRE THEM TO BE INTERLOCKED DUE TO PROXIMITY. PLEASE REFER TO ANSUL DISTRIBUTOR AND CAPTIVEAIRE FOR INSTRUCTIONS.
ADDITIONAL COSTS MAY APPLY.



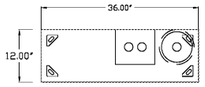
TYPICAL ANSUL R102 SYSTEM LAYOUT WITH REMOTE MOUNTED AUTOMAN

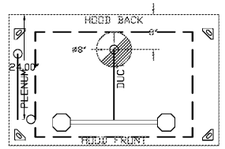
VERIFY APPLIANCE LAYOUT

SIGN HERE

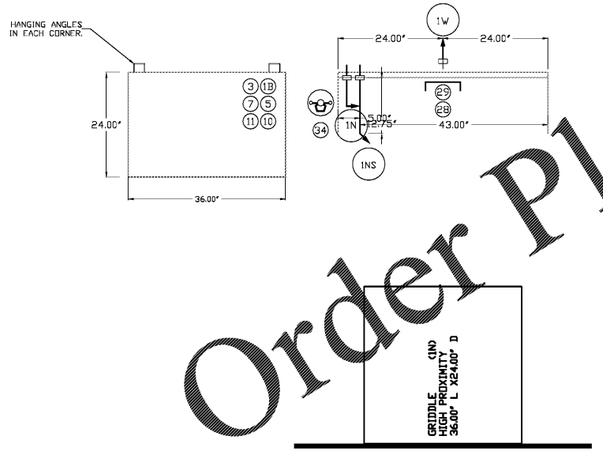
CUSTOMER APPROVAL IS REQUIRED BEFORE ANY DRAWING WILL BE RELEASED FOR PRODUCTION

APPROVED AS DRAWN ☐ APPROVED AS NOTED ☐ REVISE & RESUBMIT ☐ SIGNATURE _____ DATE _____





HOOD # 1 (KH-3 HOOD) JOB # 4783687
MODEL: BD-2 SIZE: 30"x44" LENGTH: 4' 0"



JOB #: 4783687.
JOB NAME: SLIM CHICKENS – EVANS, GA – SMALL HOOD

SYSTEM SIZE: ANSUL-3.0-WC TOTAL FP REQUIRED
HOOD # 1 4' 0.00" LONG x 30" WIDE x 44" HIGH.
RISER # 1 SIZE: 0" x 0".

LEGEND – FIRE CABINET ANSUL SYSTEM

1A	1.5 GALLON TANK.
1B	3 GALLON TANK.
2	OEM AUTOMAN RELEASE.
3	OEM REGULATED RELEASE.
4	OEM REGULATED ACTUATOR.
5	ANSULEX LIQUID AGENT (3 GAL.).
6	ANSULEX LIQUID AGENT (1.5 GAL.).
7	CARTRIDGE (101-20).
8	CARTRIDGE (101-10).
9	CARTRIDGE (101-30).
9A	CARTRIDGE (LT-A-101-30).
9B	DOUBLE TANK CARTRIDGE.
10	TEST LINK.
11	DOUBLE MICROSWITCH.
12	HOSE ASSEMBLY.
1100	DUCT NOZZLE (430913).
2W	DUCT NOZZLE (419337).
1W	NOZZLE ASSEMBLY (419336).
1F	NOZZLE ASSEMBLY (419333).
1N	NOZZLE ASSEMBLY (419335).
1/2N	NOZZLE ASSEMBLY (419334).
3N	NOZZLE ASSEMBLY (419338).
245	NOZZLE ASSEMBLY (419340).
230	NOZZLE ASSEMBLY (419339).
2120	NOZZLE ASSEMBLY (419343).
290	NOZZLE ASSEMBLY (419342).
260	NOZZLE ASSEMBLY (419341).
28	DETECTOR BRACKET.
29	LOW TEMP FUSIBLE LINK.
30	HIGH TEMP FUSIBLE LINK.
MGV	MECHANICAL GAS VALVE.
EGV	ELECTRICAL GAS VALVE.
34	REMOTE MANUAL PULL STATION.
S	SWIVEL ADAPTOR.

INCLUDES: FIELD INSTALLATION AND HOOKUP DURING NORMAL BUSINESS HOURS BY CERTIFIED INSTALLERS ONLY IN THE LOCATION NOTED ABOVE, TWO SITE VISITS ONLY (ONE VISIT TO SET PULL STATION & SYSTEM HOOKUP AND ONE VISIT FOR ONE TEST; ADDITIONAL VISITS WILL RESULT IN ADDITIONAL CHARGES), ONE MECHANICAL GAS VALVE PER SYSTEM AT A MAXIMUM SIZE OF 2", PERMIT, AND SYSTEM TEST.
EXCLUDES: UNION LABOR & PREVAILING WAGE (LABOR & WAGES WILL BE ADDED IF APPLICABLE), GAS VALVE INSTALLATION, ELECTRICAL HOOKUP AND CONNECTIONS, HANGING OF FIRE CABINET, SHUNT TRIP, HANDHELD EXTINGUISHER(S), ON-SITE RE-PIPING DUE TO EQUIPMENT LAYOUT CHANGES.

NOTES
- FIELD PIPE DROPS AS SHOWN
  SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
- MAXIMUM 9 ELBOWS IN SUPPLY LINE.
- MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE COVERING A RANGE, FRYER, OR WOK TO REFLECT GENERAL PIPING REQUIREMENTS.
- IF APPLICABLE, PRE-PIPED CHARBROILER 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.

SPECIFICATIONS

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED WITH UNDERWRITERS LABORATORIES, INC. (UL)

THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCKDOWN AND SECUREMENT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.

THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/ LINKAGE ASSEMBLY.

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REVISIONS

	DESCRIPTION	DATE
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△		
△		

CAPTIVEAIRE
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Slim Chickens – Evans, GA – Small Hood
4311 Washington Rd,
Evans, GA, 30809

DATE: 3/8/2021

DWG.#: 4783687

DRAWN BY: JJF_CAS146

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

MASTER DRAWING

SHEET NO. 2

ARCHITECT:
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PROJECT:
TENANT MODIFICATIONS FOR:
SLIM CHICKENS
4311 WASHINGTON ROAD
EVANS, GEORGIA 30809

GEORGIA REGISTERED No. 25568 PROFESSIONAL WILLIAM J. ALKEMA
03-18-21

REGISTERED ENGINEER'S LICENSE NUMBER REQUIRED

SPECIAL NOTICES

Drawn CJO Date 7/6/2021

H1.1
HOOD SHOP DRAWINGS