

VERIFY MAKE/MODEL OF ALL COOKING APPLIANCES

TO COOKING EQUIPMENT SPECIFICATION MAY RESULT

BENEATH HOOD PRIOR TO FABRICATION. CHANGES

IN ADDITIONAL FIRE SUPPRESSION SYSTEM

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT

THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE

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

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

INSTALLATION CHARGES.

CUSTOMER APPROVAL TO MANUFACTURE

DETECTOR BRACKET / LINKAGE ASSEMBLY.

SHALL BE LISTED WITH UNDERWRITERS LABORATORIES, INC. (UL)

AVAILABLE FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

Approved as Noted

SIGNATURE _

USAGE.

Approved with NO Exception Taken

SPECIFICATIONS

- FIELD PIPE DROPS AS SHOWN SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, - MAXIMUM 9 ELBOWS IN SUPPLY LINE. - MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE. - 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.

- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS

Job #: 3342779 Job Name: Odettes - New Hope, PA_R2 System Size: ANSUL-3.0 Total FP required: 10 Hood # 2 9' 4.00" Long x 72" Wide x 24" High Riser # 1 Size: 16" Dia. Hood # 2 Metal Blow-Off Caps included.

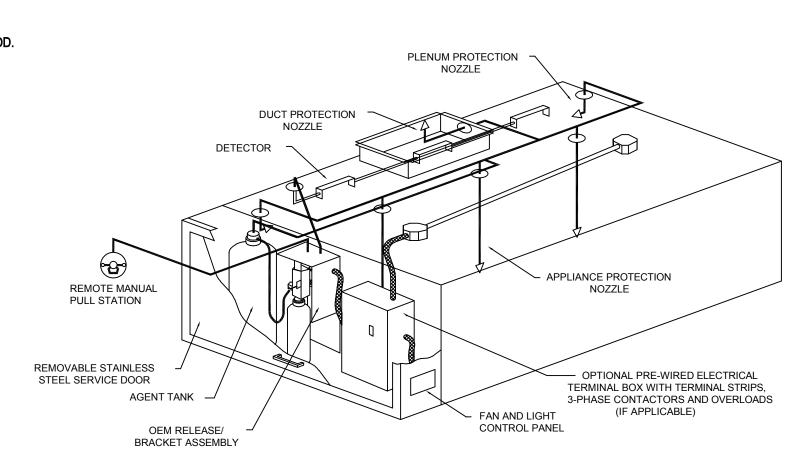
<u>LEGEND - FIRE CABINET ANSUL SYSTEM</u>

1.5 GALLON TANK 3 GALLON TANK OEM AUTOMAN RELEASE OEM REGULATED RELEASE OEM REGULATED ACTUATOR ANSULEX LIQUID AGENT (3 GAL.) ANSULEX LIQUID AGENT (1.5 GAL.) CARTRIDGE (101-20) CARTRIDGE (101-10) CARTRIDGE (101-30) CARTRIDGE (LT-A-101-30) DOUBLE TANK CARTRIDGE TEST LINK DOUBLE MICROSWITCH HOSE ASSEMBLY DUCT NOZZLE (430913) DUCT NOZZLE (419337) NOZZLE ASSEMBLY (419336) NOZZLE ASSEMBLY (419333) NOZZLE ASSEMBLY (419335) NOZZLE ASSEMBLY (419334) NOZZLE ASSEMBLY (419338) NOZZLE ASSEMBLY (419340) NOZZLE ASSEMBLY (419339) NOZZLE ASSEMBLY (419343) NOZZLE ASSEMBLY (419342)

NOZZLE ASSEMBLY (419341) DETECTOR BRACKET LOW TEMP FUSIBLE LINK HIGH TEMP FUSIBLE LINK MECHANICAL GAS VALVE ELECTRICAL GAS VALVE

REMOTE MANUAL PULL STATION

SWIVEL ADAPTOR



TYPICAL ANSUL R-102 SYSTEM LAYOUT

- FIELD PIPE DROPS AS SHOWN SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS - RELOCATE NOZZLEŚ 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. - 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.

- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS

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.

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

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM

SYSTEM DETAILS



Se NEW

DWG.#: DRAWN BY: CDP-32

DATE: 3/20/2018

SCALE:

MASTER DRAWING

SHEET NO.

FIRE SUPPRESSION

GENERAL NOTE (TYP OF ALL SHEETS) THESE DRAWINGS ARE FOR INFORMATION PURPOSES ONLY The information conveyed in this set is intended to communicate design intent for use in the planning and bidding processes only. These documents are not for use in construction or to locate utilities or other requirements. The Kitchen Equipment Contractor and other sub-contractors are to verify all information and produce construction documents. TDD, parent company and affiliates will not be liable

for action taken as a result of the design and equipment portrayed in NIKEC: Not included in the Kitchen Equipment Contract

REVISIONS REVISIONS

KITCHEN EQUIPMEN EXHAUST HOOD FIRE SYSTEM DETAILS

SCALE: NO SCALE DATE: 02/26/2019