

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. - 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 #: 1305589 Job Name: BCSD NEW ES-MS - BAKERSFIELD, CA System Size: ANSUL-3.0/3.0/1.5 Total FP required: 26 Hood # 4 14' 7.00" Long x 60" Wide x 24" High

Riser # 1 Size: 10" x 12" Riser # 2 Size: 10" x 12"

Fire System Information

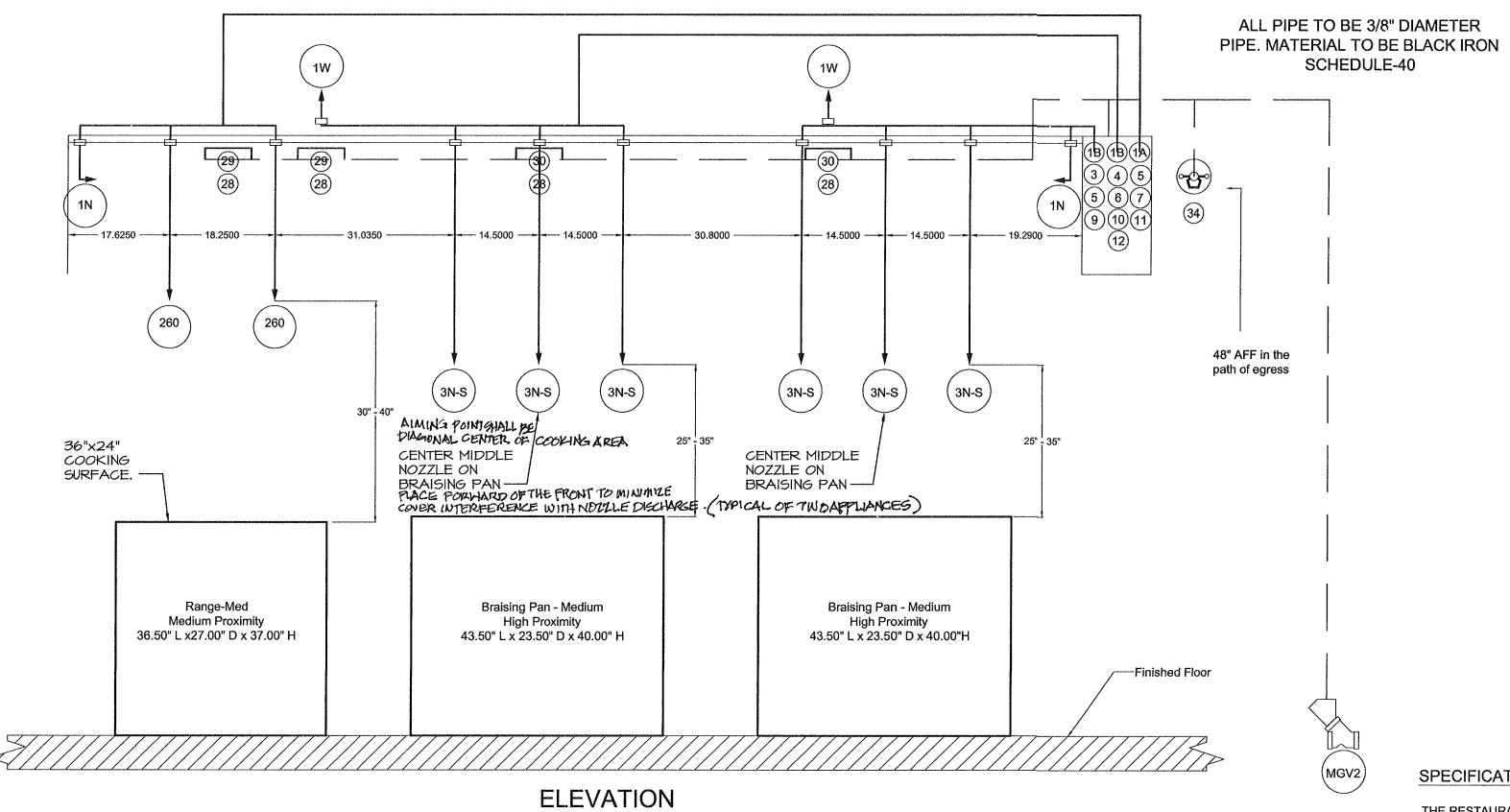
FIRE SYSTEM NO.	TYPE	SIZE	Max Flan Points	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1	Ansul R102	3.0/3.0/1.5	2.7	26	Fire Cabinet Right	Right

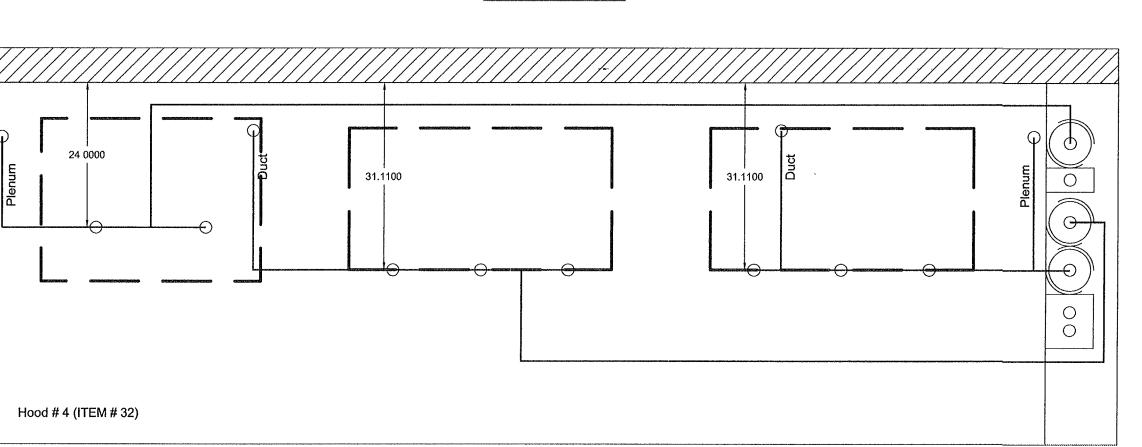
ANSUL SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA #96 STANDARDS

UPON ACTIVATION OF ANSUL SYSTEM, ALL SOURCES OF FUEL THAT PRODUCE HEAT TO ALL EQUIPMENT COVERED BY ANSUL FIRE SUPRESSION SYSTEM SHALL AUTOMATICALLY SHUT OFF VIA ANSUL GAS SHUT OFF VALVE INSTALLED BY PLUMBING CONTRACTOR. (NFPA-96-2001 SECTION 10.4)

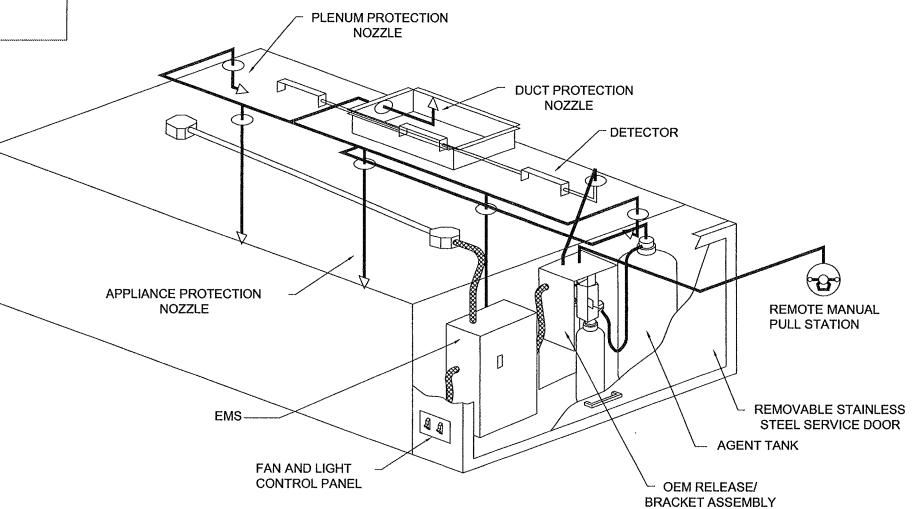
THE ANSUL R-102 FIRE SUPPRESSION SYSTEM IS LISTED TO UL300 AND ULC1254.6

> FACTORY PIPING ---- FIELD PIPING





PLAN VIEW



SPECIFICATIONS

LINKAGE ASSEMBLY.

WITH UNDERWRITERS LABORATORIES, INC. (UL)

TYPICAL ANSUL R-102 SYSTEM LAYOUT

FOR QUESTIONS, CALL KURT CURTIS: REGIONAL MANAGER 133 KISSLING ST, SAN FRANCISCO, CA 94103 PHONE: (415) 956-2200 FAX: (919) 227-5940 EMAIL: reg91@captiveaire.com

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

1.5 GALLON TANK

OEM AUTOMAN RELEASE

CARTRIDGE (101-20) CARTRIDGE (101-10)

CARTRIDGE (101-30)

TEST LINK

CARTRIDGE (LT-A-101-30)

DOUBLE TANK CARTRIDGE

DOUBLE MICROSWITCH

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)

HIGH TEMP FUSIBLE LINK

MECHANICAL GAS VALVE

ELECTRICAL GAS VALVE

SWIVEL ADAPTOR

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED

THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM

OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS

THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE

INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING

SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/

LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND

FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.

TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED

WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE

ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCKDOWN AND SECUREMENT

REMOTE MANUAL PULL STATION

DETECTOR BRACKET LOW TEMP FUSIBLE LINK

HOSE ASSEMBLY

OEM REGULATED RELEASE OEM REGULATED ACTUATOR

ANSULEX LIQUID AGENT (3 GAL.) ANSULEX LIQUID AGENT (1.5 GAL.)

3 GALLON TANK



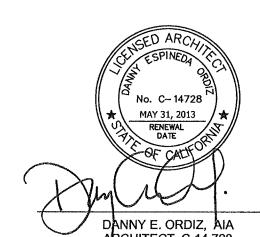
FAX #: (661) 397-2116 Plt: 1-11-12

ARCHITECTS, INC. 5500 MING AVENUE BAKERSFIELD, CALIFORNIA

TELEPHONE

FACSIMILE

(661) 832-5258 (661) 832-4291



WILLIAM J. MELBY, AIA

ARCHITECT C-16,835

IDENTIFICATION STAMP DIVISION OF STATE ARCHITECT OFFICE OF REGULATION SERVICES APPL. #:02-112027 FILE #: 15-6 DATE

PTN # 63321-112

NEW ELEMENTARY SCHOOL 9801 HIGHLAND KNOLLS DR BAKERSFIELD CALIFORNIA

93306

NEW MIDDLE SCHOOL 4115 VINELAND ROAD BAKERSFIELD CALIFORNIA 93306

FOR:

BAKERSFIELD CITY SCHOOL DISTRICT

1300 BAKER STREET BAKERSFIELD CALIFORNIA 93305

MARK DATE DESCRIPTION

200101244

CAD DRAWING FILE: DRAWN BY: CHECKED BY: MB CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK.

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SHEET TITLE **MECHANICAL DETAILS** - KITCHEN EXHAUST **HOOD FIRE SYSTEM**

SHEET IDENTIFICATION NUMBER

M-507