

Solid Rock United Methodist Church - 2297 North Carolina 24

GENERAL NOTES:

INSTALLATION PER IFC-2018, NFPA 96, 17A, AND UL 300 STANDARDS AND PER MANUFACTURERS' INSTRUCTIONS/RECOMMENDATIONS DESIGN BASED ON SECTION IV OF BUCKEYE INSTALLATION MANUAL

ALL PIPE AND FITTINGS ARE 3/8" SCHEDULE 40 BLACK IRON & CHROME PIPING CONFIGURATIONS & LIMITATIONS ARE TOO LENGTHY TO LIST PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS SEE CHAPTER 4 - DISTRIBUTION PIPING REQUIREMENTS

ACTUATION & EXPELLENT HOSES, PIPING OR TUBING SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTER 5:"INSTALLING THE ACTUATION & EXPELLANT GAS LINES"

DETECTION LINE LIMITATIONS SHALL BE INSTALLED IN ACCORDANCE WITH BUCKEYE'S TECHNICAL MANUAL CHAPTER 4 - SYSTEM DESIGN SCISSOR STYLE DETECTORS SHALL BE USED WITHOUT OFF-SET CONDUIT. MAXIMUM # OF DETECTORS IS 15. MAXIMUM NUMBER OF CORNER PULLEYS IS 20 WITH A MAXIMUM OF 150' OF 1/2" EMT FUSIBLE LINK INSTALLATION SHALL CONFORM TO MANUFACTURER'S INSTRUCTIONS APPLIANCES WITH A CONTINUOUS COOKING SURFACE UP TO 48" X 48" SHALL BE PROTECTED WITH A SINGLE DETECTOR APPLIANCES EXCEEDING 48" X 48" SHALL BE PROTECTED BY MULTIPLE DETECTORS

REMOTE MANUAL PULL STATION(S) SHALL BE INSTALLED ON A PATH OF EGRESS OR EXIT AND IN ACCORDANCE WITH BUCKEYE TECHNICAL MANUAL CHAPTER 4 - SYSTEM DESIGN MAXIMUM NUMBER OF 20 CORNER PULLEYS, 150 FEET OF 1/2" EMT AND (1) TEE PULLEY

MECHANICAL GAS VALVE CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH CODE REQUIREMENTS & CHAPTER 4 - SYSTEM DESIGN OF THE Buckeye MANUAL A MAXIMUM OF 20 CORNER PULLEYS, 150 FEET OF 1/2" EMT AND (1) TEE PULLEY

ELECTRIC GAS VALVES SHALL BE CONNECTED USING A RESET RELAY RESET RELAY & ELECTRICAL PORTION OF VALVE INSTALLATION SHALL BE BY A QUALIFIED ELECTRICIAN CONFORMANCE WITH NFPA #70 IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR NOT AAFP

CONNECTION TO FIRE ALARM CONTROL PANEL TO BE MADE BY OTHERS WHEN APPLICABLE ELECTRICAL DISCONNECTS TO BE PERFORMED BY QUALIFIED ELECTRICIAN, WHEN APPLICABLE GAS VALVE TO BE INSTALLED BY A QUALIFIED PLUMBER WHEN APPLICABLE CONFORMANCE TO APPLICABLE NFPA CODES FOR ALARM, ELECTRICAL & PLUMBING WORK IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR & IS NOT THE RESPONSIBILITY OF AAFP

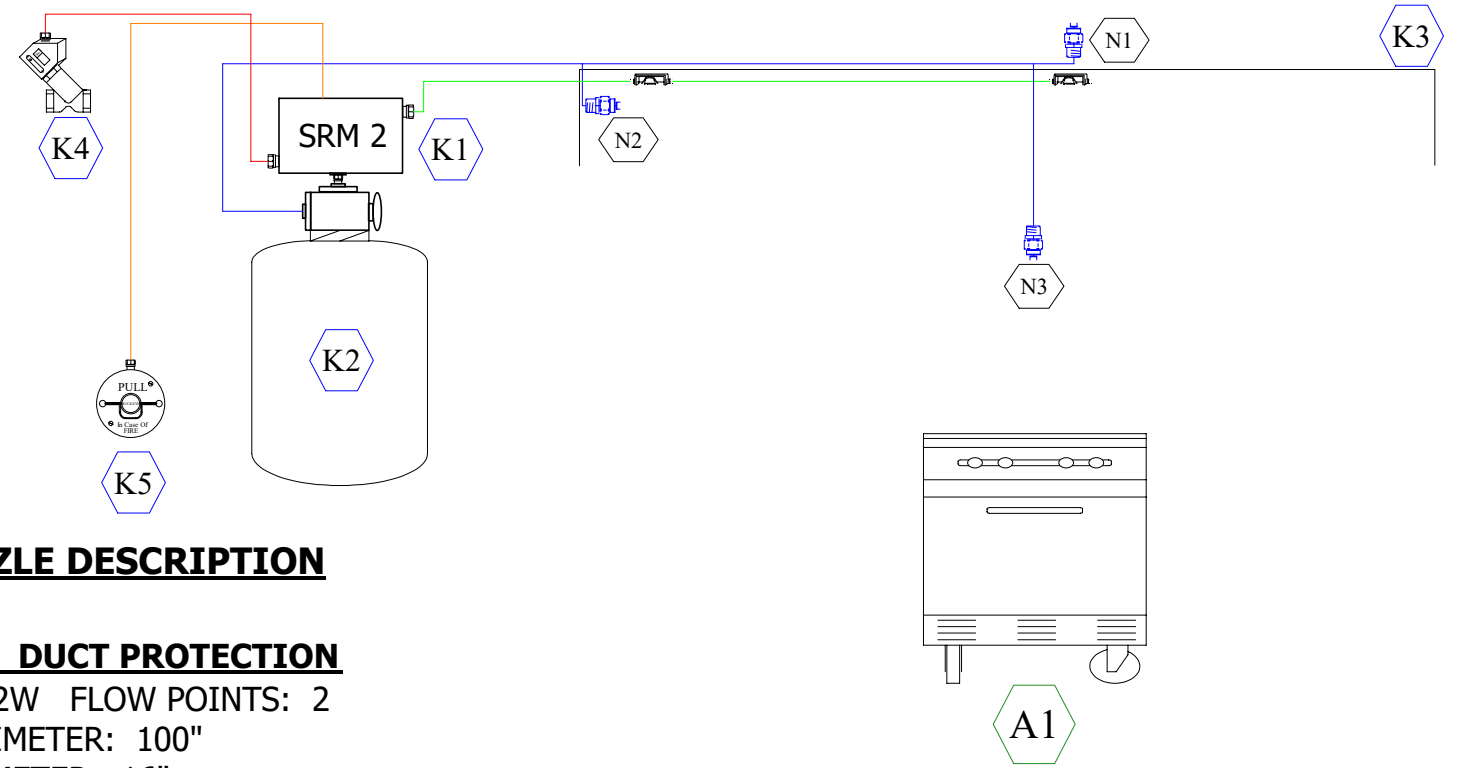
CONDITION AND ACCEPTABILITY OF THE EXHAUST HOOD & DUCT IS THE RESPONSIBILITY OF THE OWNER/OPERATOR

APPLIANCES SHOWN ON PLANS ARE REPRESENTATIONAL ONLY - ACTUAL APPLIANCES MAY APPEAR DIFFERENT THAN SHOWN ON PLANS

GENERAL SEQUENCE OF OPERATION - NOT PROJECT SPECIFIC

UPON ACTIVATION OF A FUSIBLE LINK OR REMOTE MANUAL PULL STATION A BUCKEYE WET CHEMICAL FIRE SYSTEM MAY RESULT IN THE FOLLOWING SEQUENCE OF OPERATION:

WET CHEMICAL SHALL DISCHARGE ONTO PROTECTED APPLIANCES & INTO DUCT & PLENUM AREAS OF HOOD SIMULTANEOUSLY, IF CONNECTED, A FIRE ALARM SYSTEM SHALL BE ACTIVATED OR A HORN/STROBE SHALL ACTIVATE (PRECISE OPERATIONS OF FIRE ALARM SYSTEM / CONTROL PANEL ARE NOT THE RESPONSIBILITY OF THE SUPPRESSION SYSTEM CONTRACTOR AND ARE NOT LISTED ON THESE PLANS) SIMULTANEOUSLY, ALL GAS APPLIANCES LOCATED UNDER THE HOOD SHALL SHUTDOWN VIA MECHANICAL OR ELECTRICAL GAS VALVE SIMULTANEOUSLY, ALL ELECTRICAL EQUIPMENT, PROTECTED OR UNPROTECTED, UNDER THE HOOD SHALL SHUTDOWN SIMULTANEOUSLY, HOOD LIGHTS, AS PERMITTED BY CODE MAY REMAIN ON OR MAY SHUTDOWN SIMULTANEOUSLY, INTERNAL MAKE-UP AIR SHALL SHUTDOWN SIMULTANEOUSLY, EXTERNAL MAKE-UP AIR MAY REMAIN ON OR MAY SHUTDOWN SIMULTANEOUSLY, EXHAUST FAN MAY OR MAY NOT CONTINUE TO OPERATE (IF THE EXHAUST FAN IS OFF AT THE TIME OF DISCHARGE, THE FAN MAY OR MAY NOT TURN ON)



I.D. NOZZLE DESCRIPTION

N-2W NOZZLE: DUCT PROTECTION

NOZZLE ID: N-2W FLOW POINTS: 2
 MAXIMUM PERIMETER: 100"
 MAXIMUM DIAMETER: 16"
 LOCATION: CENTERED W/IN PERIMETER
 HEIGHT: 2" TO 8" ABOVE DUCT COLLAR

N-1HP NOZZLE: PLENUM PROTECTION

NOZZLE ID: N-1HP FLOW POINTS: 1
 LOCATION: 2 TO 4 IN. FROM FILTER FACE
 & CENTERED BETWEEN FILTER HEIGHT
 NOZZLE AIM: HORIZONTAL DOWN LENGTH
 POSITIONED: 0 TO 6 IN. FROM END OF HOOD
 TO THE TIP OF THE NOZZLE.

N-2LP NOZZLE: RANGE

NOZZLE ID: N-2LP
 LOCATION: CENTER OF HAZARD OR
 11 3/8" MAX FROM NOZZLE TO
 CENTER OF ANY BURNER GRATE
 HEIGHT: 30" TO 40"
 MAX. COVERAGE: 36" X 24"

I.D. APPLIANCE DESCRIPTION

A1 SIX BURNER RANGE

I.D. DESCRIPTION

- K1 NEW SRM2 CONTROL HEAD CONTAINS (1) CARTRIDGE, (1) SET OF MICROSWITCHES
- K2 CYLINDER #1 - BFR-10 TANK 10 FLOW POINTS AVAIL. 5 USED
- K3 HOOD #1: NEW TYPE I EXHAUST HOOD: 8'-0" X 78" W/ A SINGLE BANK OF BAFFLED FILTERS CONTAINS (1) EXHAUST DUCTS: 16" ROUND
- K4 NEW MECHANICAL GAS VALVE LOCATED ABOVE THE CEILING
- K5 NEW REMOTE MANUAL PULL STATION LOCATED 48" A.F.F. ON PATH OF EGRESS OR EXIT

N1

N2

N3

Solid Rock United Methodist Church

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ALL AMERICAN FIRE PROTECTION

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ANSUL MANUAL #:	418087-12	NOTES:	
DRAWING #:	1 OF 1	DATE:	
SCALE:	NTS		
DRAWN BY:	TNW		