

# Alejandro's Subs and Grill - 3039 Buffalo Lake Road

## GENERAL NOTES:

INSTALLATION PER IFC-2012, NFPA 96, 17A, AND UL 300 STANDARDS AND PER MANUFACTURERS' INSTRUCTIONS/RECOMMENDATIONS DESIGN BASED ON SECTION IV OF PROTEX 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 ANSUL'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 ANSUL TECHNICAL MANUAL CHAPTER 4 - SYSTEM DESIGN MAXIMUM NUMBER OF 20 CORNER PULLEYS, 150 FEET OF 1/2" EMT AND (1) TEE PULLEY

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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

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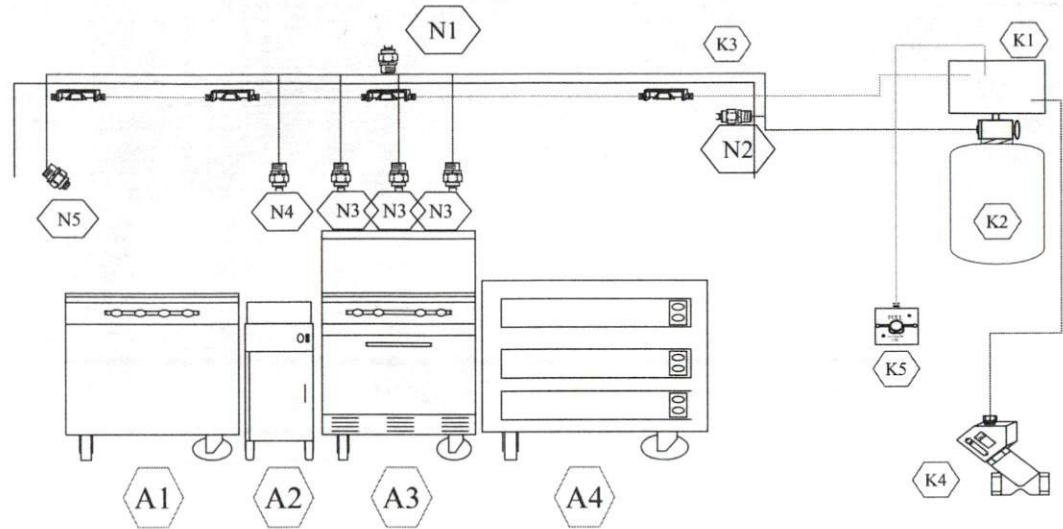
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## I.D. DESCRIPTION

- K1** USED PROTEX CONTROL HEAD CONTAINS (1) CARTRIDGE, (1) SET OF MICROSWITCHES
- K2** CYLINDER #1 - (1) PROTEX 4600 TANK 15 FLOW POINTS AVAIL. 11 USED
- K3** HOOD #1: NEW TYPE I EXHAUST HOOD: 9'-0" X 78" W/ A SINGLE BANK OF BAFFLED FILTERS CONTAINS (1) EXHAUST DUCTS: 24" X 12"
- K4** USED MECHANICAL GAS VALVE LOCATED ABOVE THE CEILING
- K5** USED REMOTE MANUAL PULL STATION LOCATED 48" A.F.F. ON PATH OF EGRESS OR EXIT

## I.D. APPLIANCE DESCRIPTION

- A1** GRIDDLE 36" X 24"
- A2** FRYER 14 X 21
- A3** 6 BURNER RANGE
- A4** PIZZA OVEN



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### 2D: EXHAUST DUCT PROTECTION - UP TO 100"

NOZZLE ID: 2D FLOW POINTS: 2  
NOZZLE HEIGHT: 0" TO 6"  
LOCATION: CENTER LINE OF AREA - AIM INTO OPENING  
COVERAGE: 100' PERIMETER WITH 37 3/8" MAX DIAGONAL ROUND DUCT MAXIMUM 31 7/8" DIAMETER

### 1H: PLENUM PROTECTION

NOZZLE ID: 1H FLOW POINTS: 1  
NOZZLE HEIGHT: 1/3 WAY DOWN VERTICAL  
LOCATION: 2" FROM BACK EDGE OF FILTER WITHIN 6" OF END OF PLENUM  
COVERAGE: LENGTH 10' X-0" WIDTH 4'-0"

### 2L: SMALL RANGE PROTECTION

NOZZLE ID: 2L FLOW POINTS: 2  
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LOCATION: FRONT EDGE - AIM 10" FORWARD FROM BACK OF BURNER ON FRONT REAR CENTERLINE  
COVERAGE: MAXIMUM AREA: 336 SQ. IN., LONGEST SIDE 28"

### 2H: FRYER WITH DRIPBOARD: 18" FRYPOT

NOZZLE ID: 2H FLOW POINTS: 2  
NOZZLE HEIGHT: 24" TO 48"  
LOCATION: ANYWHERE ALONG PERIMETER AIMED CENTER  
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## PROJECT NAME & ADDRESS:

**Alejandro's Subs and Grill**

3039 Buffalo Lake Road  
Sanford, NC 27332

<b>PROTEX MANUAL #:</b>	418087-12	<b>NOTES:</b>	
<b>DRAWING #:</b>	1 OF 1	<b>DATE:</b>	
<b>SCALE:</b>	NTS	<b>DRAWN BY:</b>	TNW
<b>DRAWN BY:</b>	TNW		02/18/2021

## ALL AMERICAN FIRE PROTECTION

159 South Main St Spring Lake, North Carolina 28390  
Phone: 910-496-0600  
Fax: 910-496-0613



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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  
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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  
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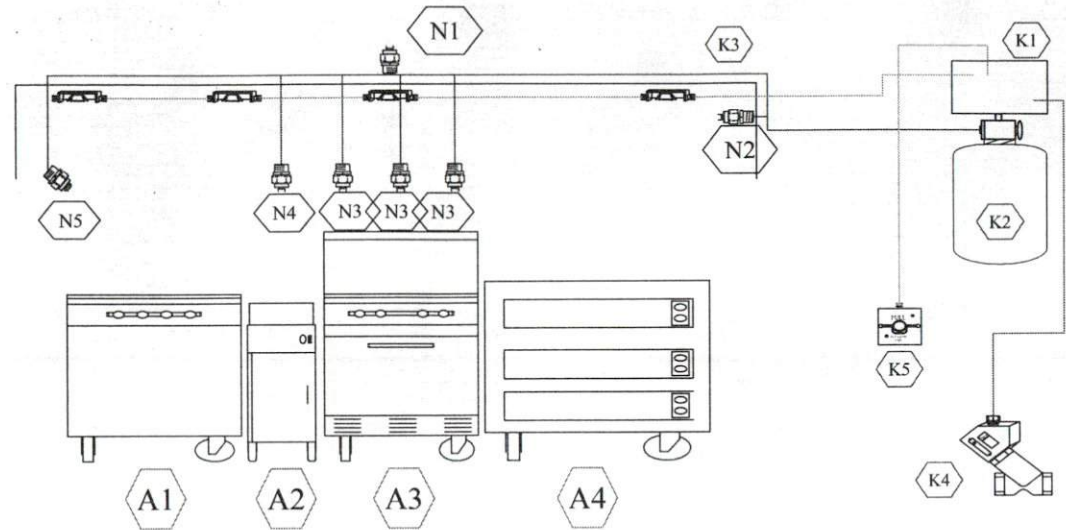
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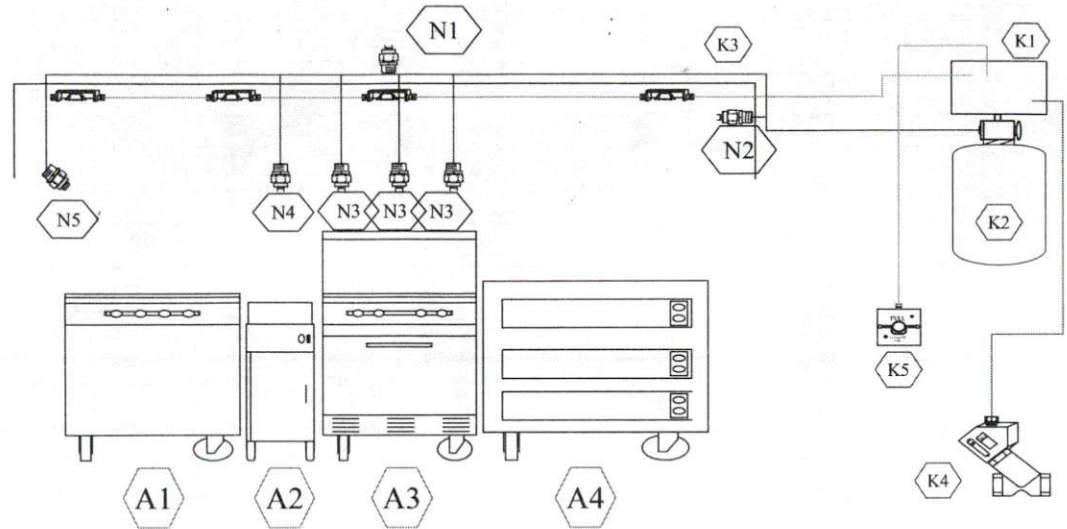
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