

POINT PROGRAMMING :

MODULE ADDRESSING:
 M01 - FRONT DOOR PULL STATION
 M02 - RIGHT SIDE DOOR PULL STATION
 M03 - REAR KITCHEN DOOR PULL STATION
 M04 - TO GO DOOR PULL STATION
 M05 - SPRINKLER RISER WATER FLOW SWITCH
 M06 - SPRINKLER RISER TAMPER VALVE
 M07 - ANSUL ONE
 M08 - ANSUL TWO
 M09 - MUSIC SHUNT RELAY
 M10 - RTU ONE DUCT DETECTOR
 M11 - RTU TWO DUCT DETECTOR
 M12 - RTU THREE DUCT DETECTOR
 M13 - RTU FOUR DUCT DETECTOR
 M14 - RTU FIVE DUCT DETECTOR

DETECTOR ADDRESSING:
 D21 - SMOKE DETECTOR ABOVE PANEL
 D22 - ELECTRICAL ROOM HEAT DETECTOR
 D23 - SMOKE DETECTOR ABOVE EVAC PANEL

SOLID SECURITY SERVICES, INC
 11 WEST MANGER AVE.
 BETHLEHEM, GA. 30620
 PHONE: 770-733-5853

GENERAL NOTES

- SYSTEM SHALL BE INTERCONNECTED TO BUILDING MUSIC SYSTEM AND SHALL SHUTDOWN THE MUSIC WHEN ALARM IS ACTIVATED. WHEN REQUIRED BY CODE & OCCUPANCY CODE.
- DUCT DETECTORS SHALL BE CONNECTED TO FIRE ALARM SYSTEM AND SHALL GENERATE A SUPERVISORY SIGNAL WHEN ACTIVATED.
- DUCT DETECTORS SHALL HAVE A REMOTE INDICATOR LAMP LOCATED IN THE CEILING BELOW THE DETECTOR.
- SURGE PROTECTION SHALL BE PROVIDED THROUGH SYSTEM IN ACCORDANCE WITH NFPA 72 12.2.4.
- MINIMUM SOUND LEVEL OF NOTIFICATION APPLIANCES SHALL BE A MINIMUM OF 15dB ABOVE AMBIENT SOUND LEVEL.
- THE VOICE EVACUATION SYSTEM SHALL BE DESIGNED TO MEET THE INTELLIGIBILITY AND AUDIBILITY REQUIREMENTS OF NFPA 72 4.2.2.1.
- WHERE TWO OR MORE VISUAL NOTIFICATION APPLIANCES ARE IN THE SAME FIELD OF VIEW THEY SHALL BE SYNCHRONIZED IN ACCORDANCE WITH NFPA 72 16.5.5.4.2) AND NFPA 72 16.5.5.5.7.

SHEET KEYNOTES

- SMOKE DUCT DETECTOR FOR RTU AS INDICATED FURNISHED & INSTALLED BY MECHANICAL CONTRACTOR. DETECTOR TO BE CONNECTED TO BUILDING FIRE ALARM SYSTEM. PROVIDE REMOTE TEST SWITCH.
- EOL-NAC CIRCUIT#2 - STYLE Y (CLASS B) 16 GAUGE 2 CONDUCTOR P.L.R. LENGTH: 300'-0" AMPS 1.175
- EOL-NAC CIRCUIT#1 - STYLE Y (CLASS B) 16 GAUGE 2 CONDUCTOR P.L.R. LENGTH: 300'-0" AMPS 0.994. 2 CONDUCTOR IS USED FOR NON-NAC. ALSO NOTE THE VOLTAGE DROP CALCULATION VARIES PER JOB. ALSO DETERMINE THE CABLE GAUGE OF THE CIRCUIT AND RESISTANCE OF CABLE. ALSO DETERMINE THE CABLE GAUGE.
- REFER TO FIRE ALARM RISER FOR CABLING.
- VERIFY LOCATION OF REMOTE MICROPHONE WITH A.J.U.N.

FIRE ALARM DESIGN NOTES

- THIS FIRE ALARM SYSTEM WAS DESIGNED IN COLLABORATION WITH SOLID SECURITY SERVICES, INC.
- FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR PROVIDING A FULL FIRE ALARM DESIGN PACKAGE.
- FIRE ALARM CONTRACTOR SHALL PROVIDE DRAWINGS TO THE LOCAL FIRE MARSHAL FOR REVIEW PRIOR TO START OF ANY WORK.
- FIRE ALARM CONTRACTOR SHALL PROVIDE A COMPLETE FIRE ALARM SUBMITTAL PACKAGE WITH ALL EQUIPMENT FOR JOB.
- FIRE ALARM CONTRACTOR SHALL PROVIDE AT END OF JOB A REPORT OF ALL FIRE ALARM DEVICES TO SHOW FIRE ALARM SYSTEM MEETS LOCAL FIRE ALARM CODE.

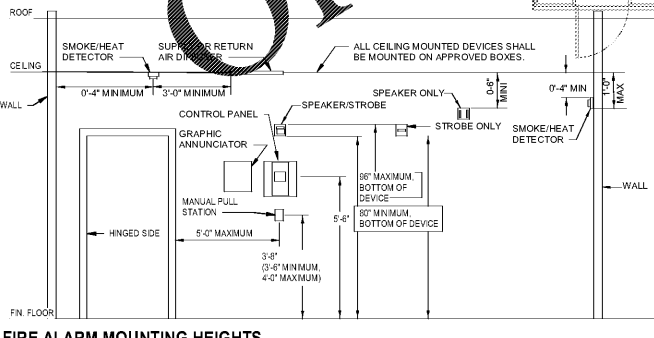
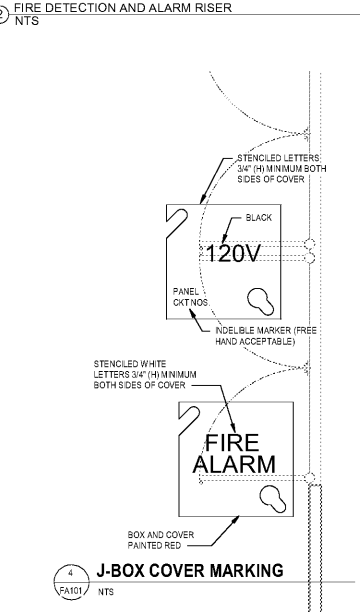
FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL AT 48" A.F.F. UNLESS NOTED OTHERWISE
FAA	FIRE ALARM REMOTE ANNUNCIATOR PANEL 48" A.F.F. UNLESS NOTED OTHERWISE
EMC	REMOTE EVAC MICROPHONE 48" A.F.F. UNLESS NOTED OTHERWISE
RTU	FIRE ALARM MANUAL BREAK STATION MOUNT 48" A.F.F. UNLESS NOTED OTHERWISE
ESK	WALL COMBINATION FIRE ALARM SPEAKER / VISUAL ANNUNCIATION MOUNT 88" A.F.F. UNLESS NOTED OTHERWISE. SUBSCRIPT DENOTES CANDELA LEVEL BASED ON NFPA 72 AND UL.
ESK	WALL FIRE ALARM VISUAL ANNUNCIATION MOUNT 88" A.F.F. UNLESS NOTED OTHERWISE. SUBSCRIPT DENOTES CANDELA LEVEL BASED ON NFPA 72 AND UL.
SD	SMOKE DETECTOR. INTERLOCK WITH FIRE ALARM SYSTEM
D	DUCT-TYPE SMOKE DETECTOR. INTERLOCK WITH FIRE ALARM SYSTEM FOR AUTOMATIC FAN SHUTDOWN. LOCATED IN SUPPLY/RETURN DUCT.
H	CEILING MOUNTED RATE OF RISE HEAT DETECTOR
C	CEILING MOUNTED CARBON MONOXIDE DETECTOR
ESK	CEILING COMBINATION FIRE ALARM HORN / VISUAL ANNUNCIATION MOUNT 60" A.F.F. UNLESS NOTED OTHERWISE. SUBSCRIPT DENOTES CANDELA LEVEL BASED ON NFPA 72 AND UL.
TS	TAMPER SWITCH PROVIDE ADDRESS MODULE AND MAKE REQUIRED CONNECTIONS TO SUPERVISE FIRE PROTECTION SYSTEM
FS	FLOW SWITCH PROVIDE ADDRESS MODULE AND MAKE REQUIRED CONNECTIONS TO SUPERVISE FIRE PROTECTION SYSTEM
MM	MONITOR MODULE
AES	MONITOR MODULE
CM	CONTROL MODULE
RM	RELAY MODULE
DOCS	ON SITE DOCUMENT LOCKER
EVAC	VOICE EVACUATION SYSTEM CONTROLS AT 48" A.F.F. UNLESS OTHERWISE NOTED

PRIORITY OF CONSTRUCTION

THE FOLLOWING IS THE ORDER OF PRIORITY FOR CONSTRUCTION SPACE:

- FIRST: DUCTWORK
- SECOND: FIRE PROTECTION PIPING
- THIRD: ANY PIPING WITH SLOPE REQUIREMENTS.
- FOURTH: OTHER PIPING
- FIFTH: CONDUIT



1 FIRE DETECTION AND ALARM PLAN
 FA101 1/4" = 1'-0"

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Order Plans @

OUTBACK STEAKHOUSE



BLOOMING BRANDS
OUTBACK STEAKHOUSE
 1751 W 49TH STREET
 HALEAH, FLORIDA 33012

SHEET ISSUE
 OUT TO PERMIT:

PRINCIPAL IN CHARGE: JC
 PROJECT ARCHITECT: MS
 DRAWN BY: BM

SHEET TITLE
FIRE DETECTION AND ALARM PLAN

SHEET NO: FA101
 PROJ. NO: 2018231.50

FA101