



1 SCHEMATIC FIRE ALARM RISER DIAGRAM
E1.2 SCALE: NTS

FIRE ALARM RISER DIAGRAM NOTES:

1. SYSTEM IS U.L. LISTED FOR POWER-LIMITED D.C. APPLICATIONS PER NEC 760.
2. ALL RACEWAY (WHERE INDICATED) SHALL BE MINIMUM 3/4" CONDUIT.
3. QUANTITY OF DEVICES IS SHOWN FOR SCHEMATIC PURPOSES ONLY. SEE FLOOR PLAN DRAWINGS FOR ACTUAL NUMBER OF DEVICES. RISER DOES NOT INDICATE THE TOTAL QUANTITY OF FIRE ALARM DEVICES.
4. WHEN AN ALARM CONDITION IS DETECTED BY ONE OF THE SYSTEM INITIATING DEVICE, THE FOLLOWING FUNCTIONS SHALL IMMEDIATELY OCCUR.
 - A. THE SYSTEM ALARM LED SHALL FLASH.
 - B. A LOCAL SOUND DEVICE IN THE PANEL SHALL BE ACTIVATED.
 - C. THE CORRESPONDING LED ON THE INITIATING ZONE(S) IN ALARM SHALL FLASH.
 - D. ALL AUTOMATIC PROGRAMS ASSIGNED TO THE ALARM POINT SHALL BE EXECUTED. AS EACH INDICATING CIRCUIT OR CONTROL RELAY IS ACTIVATED, ITS LED SHALL BE ILLUMINATED.
 - E. ACTIVATE AN OUTPUT TO THE MONITORING SERVICE APPROVED BY THE LOCAL AUTHORITY.
 - F. ALL AUDIBLE, VISUAL AUDIBLE/VISUAL COMBO UNITS, MINI HORNS IN GUEST ROOMS AND MINI HORNS IN HEARING IMPAIRED ROOMS WILL BE ACTIVATED.
 - G. ALL AIR HANDLING UNITS AND FAN COIL UNITS SERVING MEANS OF EGRESS SHALL BE SHUT DOWN.
 - H. AUTOMATICALLY DIAL LOCAL FIRE DEPARTMENT, POLICE DEPARTMENT, ETC. IN ACCORDANCE WITH NFPA 101.16-3.4.3.4. COORDINATE WITH THE OWNER AND FIRE MARSHALL.
5. FIRE ALARM SYSTEM SHALL COMPLY WITH NFPA-72 & ADA.
6. FIRE ALARM SYSTEM SHALL BE DESIGNED AND INSTALLED BY FIRE ALARM SYSTEM VENDOR. FIRE ALARM SYSTEM SHALL COMPLY WITH LOCAL, CITY, COUNTY, STATE AND FEDERAL CODES. ELECTRICAL DRAWINGS MUST BE MODIFIED BY THE FIRE ALARM SYSTEM VENDOR IN ORDER TO COMPLY WITH ABOVE. ADD, RELOCATE, ETC. FIRE ALARM DEVICES AS REQUIRED.
7. FIRE ALARM CABLES SHALL COMPLY WITH NEC ARTICLE 760 AND APPROVED FOR THEIR USE.

FIRE ALARM LEGEND (NOTE: DEVICES SHOWN MAY NOT APPEAR ON DRAWINGS ARE USED AS APPLICABLE TO THIS PROJECT)

SYMBOL	DESCRIPTION	REMARKS	MOUNTING HEIGHT TO CENTERLINE UNO
X	FIRE ALARM STROBE/FLASHING LIGHT		80" TO BOTTOM OF VISUAL
X-K	FIRE ALARM HORN/STROBE COMBINATION		80" TO BOTTOM OF VISUAL
K	FIRE ALARM HORN ONLY		80" TO BOTTOM OF VISUAL
P	FIRE ALARM MANUAL PULL STATION		48" TO BOTTOM OF VISUAL
(D)	DUCT-SMOKE DETECTOR (DAMPER) OR (EXHAUST)		
⊕	SMOKE DETECTOR		CEILING
⊕	AUTOMATIC HEAT DETECTOR (RATE OF RISE TYPE)		CEILING
MF	FIREMAN'S PHONE JACK		54"
(S)	TAMPER SWITCH		
(F)	FLOW SWITCH		CEILING
FACP	FIRE ALARM CONTROL PANEL		
FAPC	FIRE ALARM PULL CABINET		
FAN	FIRE ALARM NOTE ANNUNCIATOR		
U/V	ULTRAVIOLET FLAME DETECTOR		
KB	KNOX BOX	KEYBOX PER LOCAL AHJ REQUIREMENTS	

AUTUMNS	NO.	DATE	DESCRIPTION

RETAIL DEVELOPMENT
POP'S WINE & SPIRITS
 2-1 764 TR A-B MCFARLAND 400 IND PARK
 MCFARLAND PKWY ALPHARETTA GA 30004

**FIRE ALARM LEGEND,
 AND RISER DIAGRAM**

PROJ. NO:
201834

DATE: