



## FIRE ALARM NOTES

- CONTRACTOR SHALL, WHEN DESIGNING THE FIRE ALARM SYSTEM, VERIFY EXACT LOCATION, LAYOUT, AND SPACING OF ALL DEVICES REQUIRED PER NFPA 72, NFPA 101, APPLICABLE BUILDING CODES AND THE AMERICAN'S WITH DISABILITIES ACT.
- DESIGN AND INSTALL THE FIRE ALARM SYSTEM TO MEET ALL REQUIREMENTS OF THE LOCAL FIRE MARSHALL.
- DESIGN THE FIRE ALARM SYSTEM PER REQUIREMENTS OF NFPA 72. ALL DEFICIENCIES OF THE SYSTEM SHALL BE THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR.
- THE FIRE ALARM SYSTEM SHALL BE DESIGNED AND INSTALLED BY AN EXPERIENCED CONTRACTOR APPROVED BY THE ARCHITECT/ENGINEER AND LICENSED BY THE STATE TO PERFORM SUCH WORK.
- SUBMIT SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR APPROVAL. SHOP DRAWINGS SHALL INCLUDE COMPLETE LAYOUT DRAWINGS OF ALL EQUIPMENT INDICATING RELATIONSHIP TO ADJACENT SYSTEMS (HVAC, LIGHTING, ETC) WHICH MAY CAUSE CONFLICT.
- SUBMIT COMPLETE DETAILS AND SECTIONS TO CLEARLY DEFINE AND CLARIFY THE DESIGN, INCLUDING A MATERIALS LIST DESCRIBING ALL PROPOSED MATERIALS BY MANUFACTURER NAME AND MODEL NUMBER.
- UPON COMPLETION OF SYSTEM INSTALLATION, TEST AND RE-TEST THE SYSTEM AND MAKE ALL CORRECTIONS NECESSARY.
- PROVIDE FLOW AND TAMPER SWITCHES FOR INSTALLATION BY FIRE SPRINKLER CONTRACTOR. MAKE ALL CONNECTIONS NECESSARY TO CONNECT TO FIRE ALARM SYSTEM.
- PROVIDE DUCT DETECTORS TO MECHANICAL CONTRACTOR FOR INSTALLATION IN DUCTWORK. MAKE ALL WIRING CONNECTIONS NECESSARY TO CONNECT TO FIRE ALARM SYSTEM.
- ALL DEVICES IN OCCUPIED AREAS SHALL BE WHITE WITH RED LETTERING.
- FIRE ALARM SYSTEMS SHALL BE OF ADDRESSABLE TYPE, INCORPORATING ACTUATION DEVICES SUCH AS PULL STATIONS, SMOKE DETECTORS, FLOW SWITCHES, DUCT DETECTORS, ETC., AND AUDIO VISUAL DEVICES SUCH AS HORNS AND STROBES.
- STROBE DEVICES SHALL HAVE THEIR CANDELA LIGHT INTENSITY DISCHARGE CONFORMING TO THE AMERICAN'S WITH DISABILITIES ACT AND LOCAL CODES.
- VISUAL DEVICES SHALL BE LOCATED IN SPACES OCCUPIED BY INHABITANTS AND THE PUBLIC. AUDIBLE DEVICES SHALL BE LOCATED SO DEVICE DELIVERS SOUND LEVELS THAT ARE 15 DB OVER AMBIENT NOISE LEVELS IN AREA OCCUPIED BY STUDENTS, INSTRUCTORS, OR PUBLIC.
- SYSTEM SHALL BE CONNECTED ELECTRONICALLY BY A DIGITAL COMMUNICATOR TO AN INDEPENDENT MONITORING AGENCY OR COMPANY THAT IS NOT LOCATED ON BUILDING SITE PREMISES.
- A MANUAL PULL STATION SHALL BE PROVIDED IN FOOD SERVICE AREAS, AT EACH EXTERIOR DOOR USED AS MEANS OF EGRESS, AND AT OTHER LOCATIONS CONFORMING TO THE NATIONAL FIRE PROTECTION ASSOCIATION, AND OTHER LOCAL CODES.
- PROVIDE AUDIBLE ALARM DEVICES IN HIGH AMBIENT NOISE AREAS SUCH AS TECHNOLOGY PRODUCTION LABS, VOCAL ROOMS, AND INSTRUMENTAL ROOMS.
- PROVIDE DUCT SMOKE DETECTORS WHERE REQUIRED BY NFPA 90A. COORDINATE WITH MECHANICAL DRAWINGS FOR ADDITIONAL LOCATIONS.
- PROTECT FIRE ALARM DEVICES LOCATED IN GYMNASIUMS, AUXILIARY GYMNASIUMS, AND LOCKER ROOMS WITH WIRE GUARDS.

## FIRE ALARM SCHEDULE

SYMBOL	MODEL NUMBER	DESCRIPTION
PA	-----	FIRE ALARM CONTROL PANEL (60" TO CENTER OF DISPLAY)
PA1	-----	FIRE ALARM ANNUNCIATOR PANEL (60" TO CENTER OF DISPLAY)
P	-----	MANUALLY ACTIVATED PULL STATION (48" TO ACTIVATION LEVER)
X	-----	FIRE ALARM CEILING MOUNTED STROBE ONLY (90" TO BOTTOM OF DEVICE) 'C' DENOTES CEILING MOUNT
SM	-----	FIRE ALARM COMBINATION HORN/STROBE (90" MINIMUM TO TOP OF DEVICE) NOT TO BE WITHIN 6" OF THE CEILING FROM THE TOP OF THE BOX. 'C' DENOTES CEILING MOUNT
S	-----	PHOTOELECTRIC SMOKE DETECTOR 'R' DENOTES RELAY BASE ASSOCIATED WITH DETECTOR / 'A' DENOTES AUDIBLE BASE ASSOCIATED WITH DETECTOR
D	-----	PHOTOELECTRIC DUCT SMOKE DETECTOR WITH ANNUNCIATION 'R' DENOTES RELAY BASE ASSOCIATED WITH DETECTOR / 'A' DENOTES AUDIBLE BASE ASSOCIATED WITH DETECTOR. (SUPERVISORY)
HO	-----	DOOR HOLD OPEN DEVICE
FS	-----	SPRINKLER SYSTEM WATER FLOW SWITCH
TS	-----	SPRINKLER SYSTEM VALVE TAMPER SWITCH
PC	-----	DENOTES PROTECTIVE COVER
WP	-----	DENOTES WEATHERPROOF DEVICE

