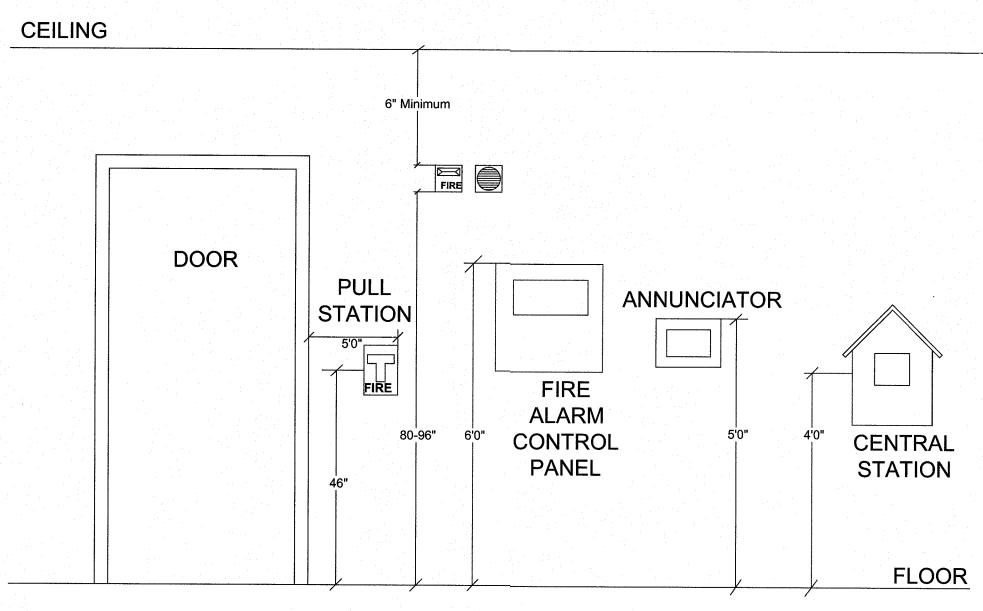
Symbol Description

Smoke Detector

Smoke Detector Analog addresable - E elevator recall DD Duct Smoke Detector S Smoke Detector - local, strobe SD Smoke Detector - local, 120 VAC/VDC Tandem Combination Smoke/CO Detector - local, 120 VAC/VDC Tandem Heat Detector - Analog addressable ROR rate of rise, F-fixed temp> 135/190- temperature CO CO Detector, 24 VDC Cieling mounted F Pull Station - dual action addressable Horn/Strobe Unit - "C" indicating celling mounted Horn/Strobe Unit - "C" indicating celling mounted Horn/Strobe Unit - weatherproof Mini Horn Speaker Strobe Only Speaker Strobe Only - weatherproof Low Frequency Sounder Strobe Only Unit Strobe Only Unit Strobe Only Unit - weatherproof Strobe Only Unit - ceiling mounted Exterior Beacon MM Min Monitor Module Supervised Addressable Zone Module Supervised Addressable Zone Module Supervised Addressable Zone Module Speaker Strobe Only Pressure Switch Pressure Switch Pressure Switch Pressure Switch Remote Annunciator Remote Alarm Indicator Six Relay Module Key Box ARM Addressable Relay Module Remote Alarm Indicator Remote Test Station Remote Alarm Indicator Remote Alarm Indicator Remote Test Station Remote Alarm Indicator Remote Test Station Remote Alarm Indicator	
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FIRE ALARM LEGEND FIRE ALARM GENERAL NOTES

- 1. FIRE ALARM INSTALLATION SHALL COMPLY WITH ALL LOCAL CODES AND REGULATIONS AND BE INSTALLED ACCORDING TO MANUFACTURERS INSTRUCTIONS.
- 2. ALL FIRE ALARM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND MANUFACTURERS RECOMMENDATIONS
- 3. PROVIDE 120V 20A DEDICATED CIRCUIT TO CONTROL PANELS, POWER SUPPLIES, ETC AS NEEDED. CIRCUIT BREAKERS SHALL BE EQUIPPED WITH LOCKS TO PREVENT ACCIDENTAL SHUT OFF AND BE CLEARLY MARKED "FIRE ALARM CIRCUIT"
- 4. WIRING SHALL BE COLOR CODED ACCORDING TO ALL APPLICABLE CODES AND SHALL BE MAINTAINED THROUGHOUT THE ENTIRE SYSTEM
- 5. ALL WIRING SHALL BE CHECKED AND TESTED TO ENSURE THERE ARE NO OPEN OR GROUND CONDITION PRIOR TO **ENERGIZING SYSTEM**
- 6. ALL STROBES SHALL BE SYNCHRONIZED AT THE END OF CONSTRUCTION
- 7. SMOKE DETECTORS HEADS SHALL NOT BE INSTALLED UNTIL AFTER THE CONSTRUCTION CLEANUP OF ALL TRADES IS **COMPLETE AND FINAL IN ACCORDANCE WITH NFPA 72**



EXAMPLE OF FIRE ALARM DEVICE MOUNTING HEIGHTS

Input / Output Matrix

Device	1	2	3	4	5
Manual Pull Station	X	X	X	X	
Panel Smoke Detector	X	X	X	X	
Battery or FACP problem		X		X	X

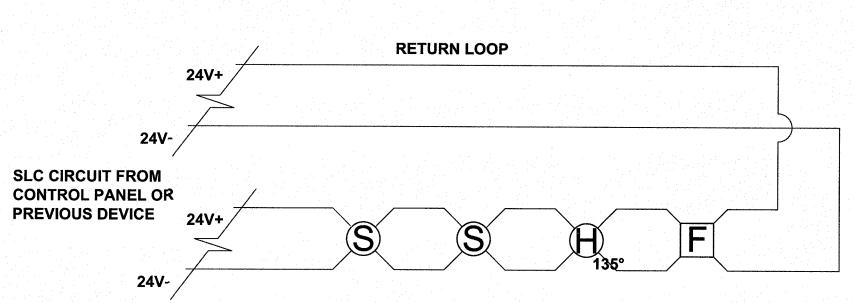
- Sound interior and exterior horn / strobes
- Report to Monitoring Center
- Monitoring Center to dispatch PFD & call customer contact person
- Sound local panel piezo
- Monitoring Center to call customer contact person

Scope Of Work

Install a new addressable Firelite MS9050UD fire alarm control panel (FACP) within an existing apartment building to monitor the new building fire alarm pull stations and panel smoke detector. Electrical contractor to pull installation permit, run all wire and connect field devices. Additionally the electrical contractor will be installing interconnected hard wired smoke detectors to work independently from the proposed fire alarm system. Dean & Ally, Inc to pull a low voltage permit, wire panel, program and test this new fire alarm panel. This system is to be monitored 24/7 by a monitoring center of the customer's choice.

General Notes

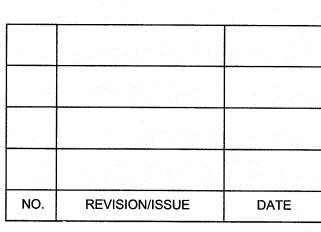
- Dean & Allyn, Inc to provide drawings, obtain low voltage permit, supply devices, perform panel programming and acceptance testing.
- > Electrical contractor to pull electrical permit, supply and run all wiring as well as assist with pre-test of the installed fire alarm system.
- Electrical contractor to run 120vac power to the new panel. 1 single 20amp breaker
- Electrical contractor to run 2 phone lines to the panel for the purpose of monitoring
- All wiring installed below 7' from the finished floor to be concealed within the walls or run within conduit.
- ➤ All fire alarm wiring to be 16/2 U.N.O.
- > Fire alarm document cabinet will be installed at the fire alarm control panel
- > All lockable devices to be keyed alike
- Do not power up fire alarm panel until Dean & Allyn, Inc technician is onsite



TYPICAL CLASS "A" SIGNAL **CIRCUIT WIRING**

> GARY J. EMOND NICET LEVEL IV #74053

CONTRACTOR:



PROJECT NAME 15-17 SHERMAN STREET PORTLAND, ME

15-17 Sherman St_f01.DWG

N.B.F. DATE 4/19/16

DRAWN BY

CHECKED BY G.J.E.

DATE 4/19/16

SCALE N/A

