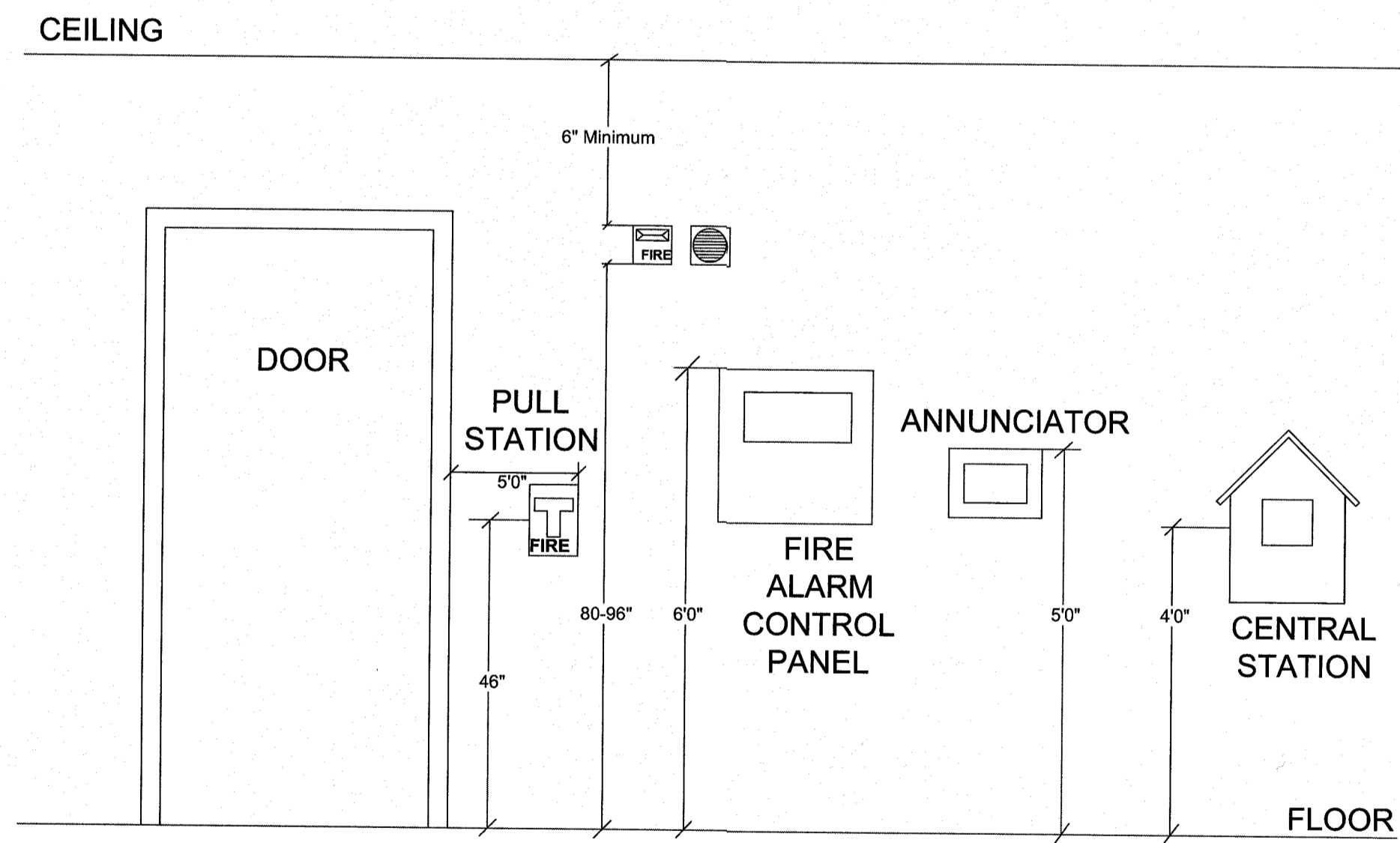


# FIRE ALARM LEGEND

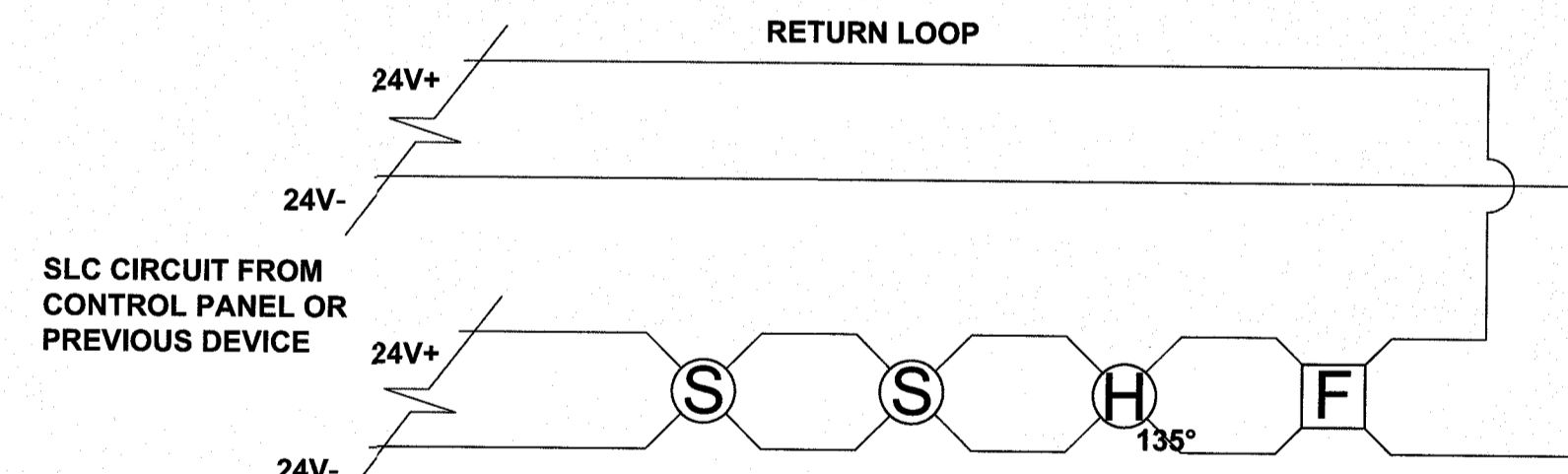
Symbol	Description
(S)	Smoke Detector
(SA)	Smoke Detector Analog addressable - E elevator recall
(DD)	Duct Smoke Detector
(S) <sub>LS</sub>	Smoke Detector - local, strobe
(SD) <sub>L</sub>	Smoke Detector - local, 120 VAC/VDC Tandem
(SD/CO) <sub>L</sub>	Combination Smoke/CO Detector - local, 120 VAC/VDC Tandem
(H)	Heat Detector - Analog addressable ROR rate of rise, F-fixed temp> 135/190- temperature
(CO)	CO Detector, 24 VDC Ceiling mounted
(F)	Pull Station - dual action addressable
(H/S)	Horn/Strobe Unit
(H/S) <sub>C</sub>	Horn/Strobe Unit - "C" indicating ceiling mounted
(H/S) <sub>WP</sub>	Horn/Strobe Unit - weatherproof
(M)	Mini Horn
(S/S)	Speaker Strobe Only
(S/S) <sub>WP</sub>	Speaker Strobe Only - weatherproof
(LF)	Low Frequency Sounder with Strobe
(LF)	Low Frequency Sounder
(S)	Strobe Only Unit
(S) <sub>WP</sub>	Strobe Only Unit - weatherproof
(S) <sub>C</sub>	Strobe Only Unit - ceiling mounted
(B)	Exterior Beacon
(MM)	Mini Monitor Module
(ZM)	Supervised Addressable Zone Module
(FS)	Flow Switch
(TS)	Tamper Switch
(PS)	Pressure Switch
(FPS)	Power Supply
(FACP)	Fire Alarm Control Panel
(ANN)	Remote Annunciator
(AMP)	Emergency Voice Evacuation Control Panel
(RTS)	Remote Test Station
(RAI)	Remote Alarm Indicator
(RM)	Six Relay Module
(KB)	Key Box
(ARM)	Addressable Relay Module
(RB)	Radio Box
(M)	Monitor Module
(B)	Bell
(ISO)	Isolation Module
(SS)	Ditek-120hw Surge Arrestor
(CM)	Control Module
(EOLR)	EOLR
(MB)	Master Box

# 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**



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

CONTRACTOR:

**DEAN & ALLYN, INC.**  
**FIRE PROTECTION • SPECIAL HAZARD**

NO.	REVISION/ISSUE	DATE

PROJECT NAME  
 522 WASHINGTON AVE  
 PORTLAND, ME

FILE  
 522 Washington Ave\_f01

DRAWN BY  
 N.B.F.

DATE  
 4/8/16

CHECKED BY  
 G.J.E.

DATE  
 4/8/16

SCALE  
 N/A

SHEET

**FA-0**

PAGE 1 OF 5

GARY J. EMOND  
 NICET LEVEL IV  
 #74053

522 Washington Ave\_f01.dwg

4/7/2016 10:51 AM

Nick