

**LEGEND**

48 INCHES  
 PS PULL STATION  
 S SMOKE DETECTOR  
 R HEAT DETECTOR RATE OF RISE  
 F HEAT DETECTOR FIXED TEMP  
 RT REMOTE TEST/INDICATOR  
 DS DUCT SMOKE DETECTOR

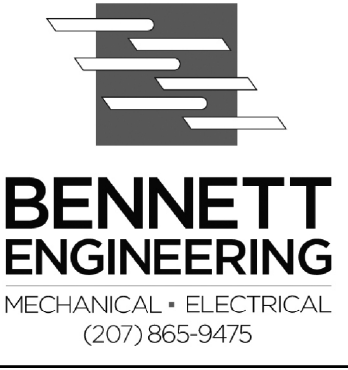
80 INCHES  
 MH MINI HORN

80 INCHES  
 VD VISUAL ONLY  
 AV AUDIO / VISUAL  
 NZM ZONE MODULE  
 NC-100 CONTROL MODULE  
 NMM MONITOR MODULE 100=4 SQUARE, 100p=niniod  
 NC 100p RELAY MODULE

This drawing is a typical device layout. Wiring is shown diagrammatically only. This drawing has been provided as an example ONLY. Riser does not necessarily indicate all devices and appliances. See floor plans and specification for location and quantities. The purchaser must accurately layout the initiating and notification devices in their proper zones/circuit. Note: All signal circuits have a 2.5 amp load limitation and a combined load limitation of 30 amps or 6.0 amps if XRM-24 is added to the panel. There can be 4 class B nac circuits or 2 class A nac circuits. REMOTE power supply has a 30 amps limitation per circuit and an 8.0 amp combined limitation for all 4 circuits. (see chart below for current vs. candela rating)

Room Size	Candela Rating	Load (amps)
20' x 20'	15 cd	0.08 amps
28' x 28'	30 cd	0.10 amps
45' x 45'	75 cd	0.15 amps
54' x 54'	110 cd	0.20 amps

A 1 PR #12 AWG TWISTED-PAIR UNSHIELDED CABLE FPL GENESIS 4515, BELDEN 6020UL (Up to 10,000 ft)  
 A 1 PR #14 AWG TWISTED-PAIR UNSHIELDED CABLE FPL GENESIS 4513, BELDEN 6120UL (Up to 8,000 ft)  
 A 1 PR #16 AWG TWISTED-PAIR UNSHIELDED CABLE FPL GENESIS 4511, BELDEN 6220UL (Up to 4,500 ft)  
 B 1 PR #12 AWG FPL CABLE  
 D 1 PR #14 AWG FPL CABLE  
 E 1 PR #16 AWG FPL CABLE  
 F 2c #12 AWG CABLE  
 G 2c #14 AWG CABLE  
 H 1 PR #16 AWG TWISTED-PAIR SHIELDED CABLE FPL  
 J 1 CAT5 CABLE



BY:	
DATE:	

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FIRE ALARM  
 LEGEND, DETAILS  
 AND SCHEDULES

PROJECT:  
 COMMERCIAL &  
 MAPLE STREET  
 MIXED USE DEVELOPMENT  
 PORTLAND, ME.