

CONTRACTOR FOR VERIFY QUANTITIES AND PROVIDE MANUFACTURER SPECIFIC WIRING DIAGRAM.

LEGEND

48 INCHES MOUNTING HEIGHT

- 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

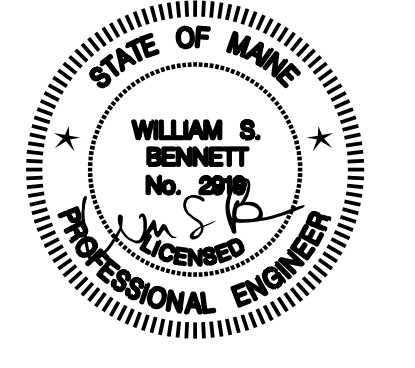
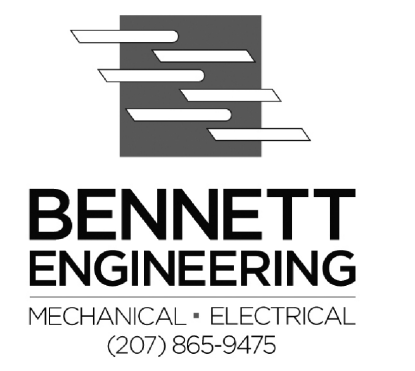
80 INCHES

- MH MINI HORN
- VD VISUAL ONLY
- AV AUDIO / VISUAL
- NZM ZONE MODULE
- NC CONTROL MODULE
- NMM MONITOR MODULE 100=4 SQUARE, 100p=pinmod
- NC 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 3.0 amps limitation per circuit and an 8.0 amp combined limitation for all 4 circuits. (see chart below for current vs. candle rating)

Room Size	Candle 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



LAFAYETTE APARTMENTS

CONGRESS ST. PORTLAND ME

TITLE:
FIRE ALARM SYSTEM RISER DIAGRAM I

DATE:
7/15/2013

ISSUED FOR:
FOR CONSTRUCTION

DRAWING NO:
E-9