Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 07/12/13

## LEGEND

| | | |
|---|---|---|
| MOUNTING HEIGHT | | |
| 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 100 | ZONE MODULE |
| | NC-100 | CONTROL MODULE |
| | NMM | MONITOR MODULE 100=4 SQUARE, 100p=mininod |
| | NC 100r | 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 3.0 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. 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


BENNETT ENGINEERING
MECHANICAL • ELECTRICAL
(207) 865-9475


REVISION SCHEDULE

| DATE | REVISION DESCRIPTION | BY |
|---|---|---|
| | | |


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# FIRE ALARM LEGEND, DETAILS AND SCHEDULES

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

DATE: 05-20-2013
SCALE: 1/8" = 1'-0"
DRAWN BY: PMC

SHEET: FA8