LEGEND:

RISER DIAG SYM	NFPA SYMBOL	* DESCRIPTION	CATALOG #
FACP	FACP	Fire Alarm Control Panel (existing)	EST3
BPS		Remote Booster Panel (existing)	BPS10A
\overline{\over	₩	Speaker/Strobe Unit (White Wall Mount) # Indicates Candela Setting	G4HFWF-S2VMC
¤ #	Ø #	Strobe Unit (White Wall Mount) # Indicates Candela Setting	G1F-VM
(3)	₩#	Speaker/Strobe Unit (White Ceiling Mount) # Indicates Candela Setting	GCHFWF-S2VMC

* NFPA 170 (2009) Tables: 6.5, 6.7.1, 6.7.2, & 6.7.3 (Some symbols may not appear on drawing)

GENERAL NOTES:

1. ALL WIRING IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE, INTERNATIONAL BUILDING CODE (IBC), CITY OF PORTLAND REQUIREMENTS, AND MANUFACTURER'S REQUIREMENT & RECOMMENDATIONS.

WIRING NOTES:

O/S

Office

Break CM1

Conf

CM11

Conf

CM13

Conf

CM15

- 1. ALL ADDRESSABLE DEVICES MUST BE INSTALLED IN A HEATED LOCATION.
- 2. ADDRESSABLE CONTROL RELAYS (CR or MCR) SHALL SWITCH ONLY 12/24V (AC/DC) @ 2.0 Amps OR LESS. SWITCHED CIRCUITS REQUIRING HIGHER VOLTAGE SHALL USE AN INTERMEDIATE LISTED FOR THE PURPOSE
- 3. ADDRESSABLE LOOP CONSISTS OF (1) 2C #16 TWISTED NON-SHIELDED FROM FACP AT 1ST DEVICE; (1) 2C #16 TWISTED NON-SHIELDED THROUGH REMAINING DEVICES ON CIRCUIT AND RETURN TO FACP. MAINTAIN PROPER SEPARATION BETWEEN FEEDS AND RETURNS.
- 4. STROBE CIRCUITS CONSIST OF 2C #14 FROM BPS TO 1ST DEVICE; 2C #14 THROUGH REMAINING DEVICES ON CIRCUIT AND END AT END OF LINE RESISTOR.

5. SPEAKER CIRCUITS CONSIST OF (1) 2C #16 TWISTED NON-SHIELDED FROM NEAREST POINT ON SPEAKER CIRCUIT TO 1ST DEVICE; (1) 2C #16 TWISTED NON-SHIELDED THROUGH REMAINING DEVICES ON CIRCUIT AND RETURN TO ORIGINAL POINT ON SPEAKER CIRCUIT. TwPr #16 To Nearest Point on Speaker Circuit on 2nd Floor imes Return to Original Point on Speaker Circuit on 2nd Floor 2c #14 <u> 15</u> Remote Booster Panel Conf O/S Conf Waiting Conf Conf O/S Shower (existing) CM29 CM27 CM25 CM12 Conf CM14 Office CM20 TwPr #16 CM12 20 To Nearest Point on Speaker Circuit on 2nd Floor Return to Original Point on Speaker Circuit on 2nd Floor 2c #14 X



Eaton & Peabody

2nd Floor Renovation
100 Middle Street
Portland, Maine
FIRE ALARM RISER DIAGRAM

100 Middle St Portland, Maine FIRE ALARM RISER

DWG NO. FA-001