



GENERAL NOTES:

1. ALL WIRING IN ACCORDANCE WITH NATIONAL ELECTRIC CODE, STATE OF MAINE BUILDING CODE (IBC), LOCAL AUTHORITY HAVING JURISDICTION, AND MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS.

WIRING NOTES:

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 RELAY LISTED FOR THE PURPOSE.
3. Addressable Loop (SLC) consists of: (1) Twisted NON-Shielded #16 Pair from nearest addressable device to 1st device, (1) Twisted NON-Shielded #16 Pair through remaining devices on circuit and return to original nearest addressable device to maintain Class A circuit. Maintain proper separation between feeds and returns.
4. Horn/Strobe circuits consist of a minimum: 2c #14 from Booster Panel to 1st device, 2c #14 through remaining devices on circuit and end at end of line resistor. Maintain proper separation between feeds and returns.

LEGEND:

RISER DIAG SYM	NFPA SYMBOL*	DESCRIPTION	CATALOG #
FACP	FACP	Fire Alarm Control Panel (existing)	Gamewell 650
BPS	FACU	Booster Power Supply	HPFF8
?	?	Addressable Smoke Detector w/ Base	XP95-P XP95-B6EZ
⊗	⊗	Strobe Unit (Adjustable Candela)	STW
⊗#	⊗	Horn/Strobe Unit (Adjustable Candela)	HSW

*NFPA 170 (2009)
Tables: 6.5, 6.7.1, 6.7.2, & 6.7.3

DWG NAME: FA-001
Cumberland County Court
 205 Newbury St
 Portland, ME 04101
Fire Alarm Riser Diagram
 DWG No: FA-001

R.B. Allen Co., Inc.
 P.O. BOX 170
 131 LAKE AVENUE
 NO. HAMPTON, NH 03862
 1-800-258-7284

 EDWARDS SYSTEM TECHNOLOGY

JOB NAME: **Cumberland County Courthouse**
 205 Newbury St
 Portland, Maine 04101
Fire Alarm Riser Diagram
 Contractor: **Roy Snow Inc**

SCALE:	NTS	REV.	DATE	ENH	TRD	IRW/D:
0	Original Issue	2/17				
	DESCRIPTION					

PO No. 00469
 Cumberland County Court
 205 Newbury St
 Portland, ME 04101
 Fire Alarm Riser Diagram
 DWG No. FA-001