



- GENERAL NOTES:**
- ALL WIRING IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE, INTERNATIONAL BUILDING CODE (IBC), CITY OF PORTLAND REQUIREMENTS, AND MANUFACTURER'S REQUIREMENT & RECOMMENDATIONS.
- WIRING NOTES:**
- ALL ADDRESSABLE DEVICES MUST BE INSTALLED IN A HEATED LOCATION.
 - 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
 - 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.
 - STROBE CIRCUITS CONSIST OF 2C #14 FROM FACP 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 #
		Fire Alarm Control Panel	IO1000RD
		Remote Annunciator	RLCD-CR
		Remote Booster Panel	BPS10A
		Manual Pull Station	SIGA-278
		Addressable Smoke Detector w/ Standard Base	SIGA-PD SIGA-SB
		Addressable Smoke Detector w/ Standard Base	SIGA-HRD
		Addressable Single Input Module	SIGA-CT1
		Addressable Dual Input Module	SIGA-CT2
		Addressable Control Relay	SIGA-CR
		Horn/Strobe Unit (Red Wall Mount) # Indicates Candela Setting	G1RF-HDVM
		Strobe Unit (Red Wall Mount) # Indicates Candela Setting	G1RF-VM
		Radio Master Box	AES 7788
		Exterior Beacon	495S-1280R

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

SCALE:	NTS	DATE	REV.	DESCRIPTION
			0	Original Issue