

Indoor Speaker Strobe Detail

LEGEND:

RISER DIAG SYM	NFPA SYMBOL*	DESCRIPTION	CATALOG #
FACP	FACP	Fire Alarm Control Panel	EST3x
F	P	Addressable Manual Pull Station	SIGA-278
?	?	Addressable Smoke Detector w/Base	SIGA2-PS w/ SIGA-SB
?SD	?	Addressable Duct Smoke Detector w/ Remote Test Switch	SIGA-SD/ SD-TRK
CTx	AM	Addressable Input Module (x Denotes 1 or 2 Inputs)	SIGA-CT1, -CT2
CR	CR	Addressable Control Relay	SIGA-CR
WF	WF	Waterflow Switch	FBO
TS	VS	Tamper Switch (Valve Supervisory)	FBO
?	?	Strobe Unit (# Indicates Candela setting)	G1RF-VM
?	?	Speaker Strobe Unit (# Indicates Candela setting)	G4HFRF-S7VMC
?	?	Speaker Unit Ceiling Mount (# indicates Candela setting)	GCHFRF-S7VMC

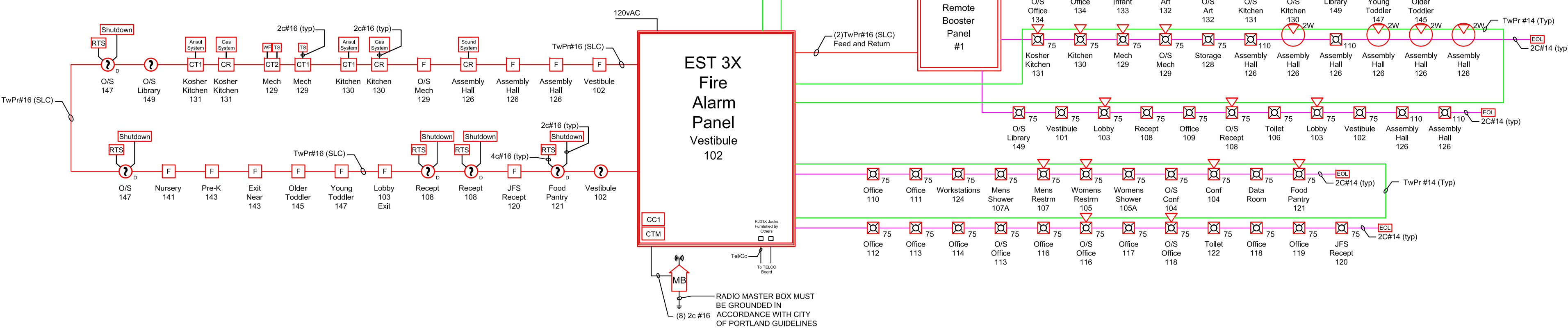
* NFPA 170 (2009) Tables: 6.5, 6.7.1, 6.7.2, & 6.7.3

GENERAL NOTES:

1. ALL WIRING IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE, THE STATE OF MAINE, AUTHORITY HAVING JURISDICTION, CITY OF PORTLAND, 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 LISTED FOR THE PURPOSE.
3. Addressable loop consists of (1) 2c #16 Twisted Non-shielded from FACP to 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 FACP/BPS to 1st device; 2c #14 through remaining devices on circuit to end at end of line resistor.
5. Speaker circuit wiring consists of (1) 2c #14 Twisted Non-shielded from FACP to 1st device; (1) 2c #14 Twisted Non-shielded through remaining devices on circuit and return to FACP. Maintain proper separation between feeds and returns. Tap speakers at 1 Watt unless otherwise noted.



SCALE:	NTS	DATE	DRWN:	IRW/D:
REV.	0	7/16	KMB	TRD
DESCRIPTION	Original Issue			