

**LEGEND:**

RISER DIAG SYM	NFPA SYMBOL*	DESCRIPTION	CATALOG #
FACP	FACP	Fire Alarm Control Panel	EST IO500RD
FAA	FAA	Remote Annunciator	RLCD-CR
BPS	FACU	Booster Power Supply	BPS10A
F	P	Addressable Manual Station	SIGA-278
F <sub>WP</sub>		Conventional Weatherproof Manual station	MPSR2-545W-GE
ER	ER	Addressable Smoke Detector w/ Base (ER indicates elevator recall function)	SIGA2-PS SIGA-SB
D	D	Addressable Duct Smoke Detector	SIGA-SD
H	H	Addressable Heat Detector w/ Base	SIGA2-HFS SIGA-SB
CO		Carbon Monoxide Detector	SD-TRK
RTS	RTS	Remote Test Switch	CO1224T
PR1	PR1	Multi-Voltage Relay	PR1
CTx	AIM	Addressable Input Module (x Denotes Single or Double Input)	SIGA-CTx
CR	AOM	Addressable Control Module	SIGA-CR
CC1S		Synchronization Module	SIGA-CC1S
⊠#	⊠	Strobe Unit (Adjustable Candela)	G1F-VM
⊠#	⊠	Horn/Strobe Unit (Adjustable Candela)	G1F-HDVM
LF		Low Frequency Horn Unit	GG4LFWF-H
F <sub>WP</sub>		Weather Proof Horn/Strobe Unit (110cd Candela)	757-8A-T
TS		Sprinkler Tamper Switch	FBO
FS		Waterflow Switch	FBO
DH		Magnetic Door Holder	FBO

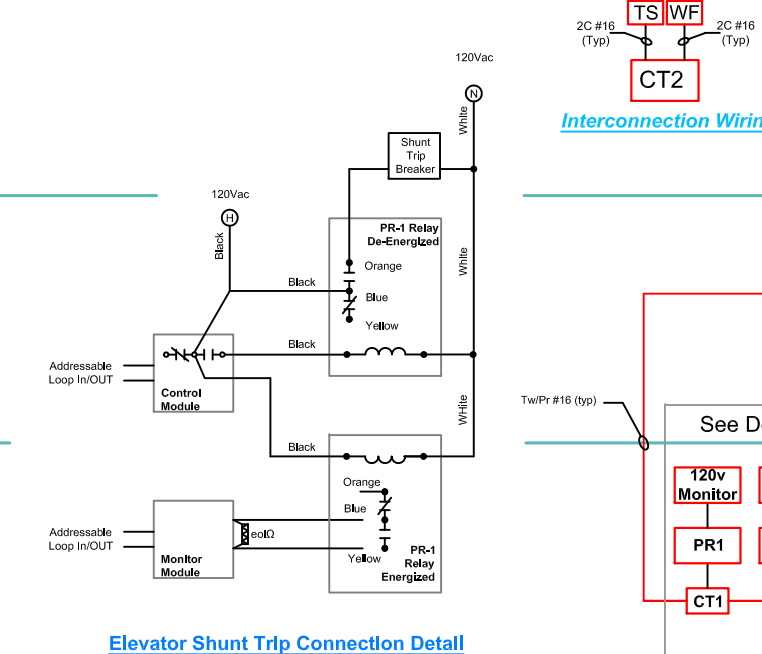
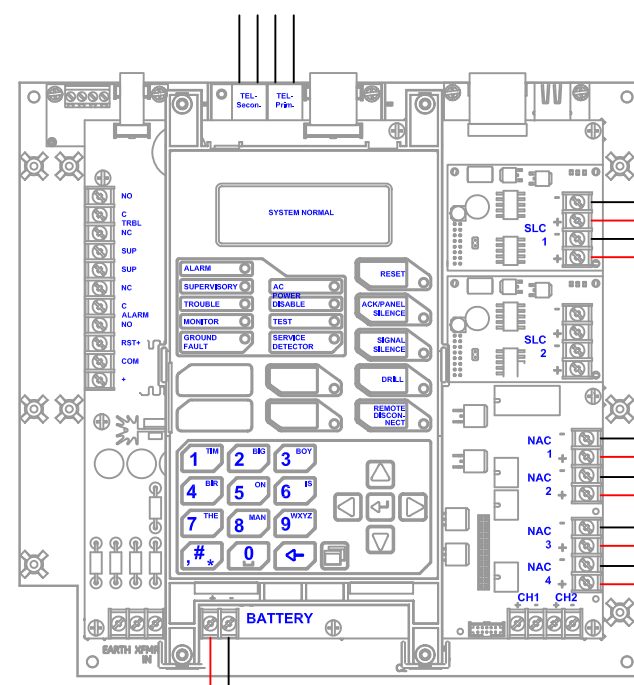
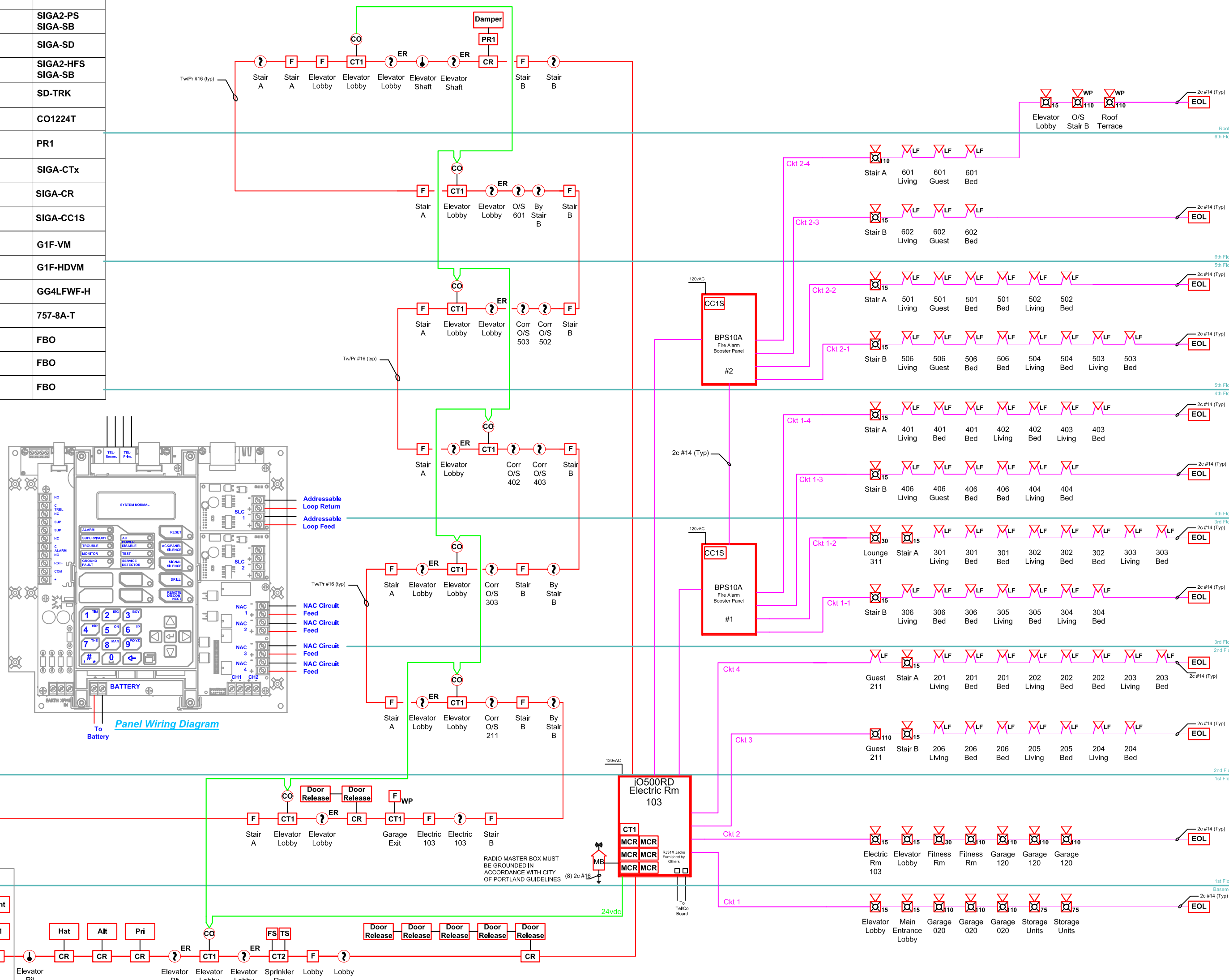
\* NFPA 170 (2009)  
Tables: 6.5, 6.7.1, 6.7.2, & 6.7.3

**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. Network Data consists of: (1) Twisted NON-Shielded #16 Pair from FACP to Annunciator and (1) Twisted NON-Shielded #16 Pair return to FACP. Maintain proper separation between feeds and returns.
4. Addressable Loop (SLC) consists of: (1) Twisted NON-Shielded #16 Pair from FACP to 1st device, (1) Twisted NON-Shielded #16 Pair return through remaining devices on circuit and return to FACP. Maintain proper separation between feeds and returns.
5. Horn/Strobe circuits consist of a minimum: 2c #14 from Booster Panel to 1st device, 2c #14 through remaining devices on circuit and terminate at end of line resistor. Maintain proper separation between feeds and returns.



SCALE:	NTS	TRD	ENH	DATE	REV	DESCRIPTION
			1/17		0	Original Issue