

CARDOZO FIRE ALARM

Activation of any manual pull station, smoke detector, heat detector, Atrium beam smoke detector or waterflow shall cause the following:

1. Visually indicate via control panel LCD display, the floor, area and type of device in alarm. The ALARM (red) LED shall light; the internal control panel alarm shall sound; and the first line of the eighty (80) character LCD shall indicate the REAL TIME, the number of MESSAGES WAITING, the TYPE OF ALARM, the ALARM ZONE NUMBER, and the TIME THAT THE ALARM OCCURRED. The second line shall display the user specified message. In order to reduce false alarms, all inputs shall be capable of alarm verification. The system shall be capable of setting the sensitivity of all analog detectors by point and shall be capable of displaying the analog value of the detector by device and/or traditional input and vectoring the value to a remote printer. The system shall automatically identify any analog detector which becomes dirty (maintenance alert) prior to false alarming.
2. Continuous actuation of all alarm notification appliances. All audible/visual signaling devices shall sound continuously until manually silenced. The fire alarm signals shall be distinctive from all other alarm signals.
3. Send alarm signal (via DACT) to a monitoring station (service to be furnished by owner).
4. Visually indicate on graphic annunciators LED's, the floor, area and type of device status
5. Sound an audible trouble signal at the fire alarm control panel and the remote graphic annunciators.
6. Elevator Lobby/Shaft & Machine Room Smoke Detectors shall recall elevator to appropriate floor via addressable relay (exact location of relays for connection to elevator controller to be determined by contractor).
7. Elevator Shaft & Machine Room Heat detectors and/or Elevator Shaft Sprinkler Flow Switches shall disconnect power to all elevators served by that machine room and/or elevator shaft.
8. Release doors being held open by fire alarm electromagnetic door holders.
9. Activate Atrium Smoke Exhaust Fans (Atrium Beam Smoke Detector and/or Atrium Sprinklerflow Switch only)
10. Log the Alarm condition into system history memory and print event at system printer.

Activation of any supervisory device will automatically cause the following

1. Display, and record in the FACP event history, the message describing the device originating the local supervisory condition at the FACP and Graphic Annunciator.
2. Visually indicate on graphic annunciators LED's, the floor, area and type of device status
3. Sound an audible trouble signal at the fire alarm control panel and the remote graphic annunciators.
4. Send supervisory signal (via DACT) to a monitoring station (service to be furnished by owner).
5. Log the Alarm condition into system history memory and print event at system printer.
6. Shut down the indicated air handling units (duct smoke detector(s) only)

Any open circuit, short circuit or ground fault on any supervised circuit (alarm initiating, alarm indicating, annunciation or control relay), loss of primary AC power, primary AC power below 96 Volts, low battery, loss of battery, or any internal system trouble will automatically cause the following:

1. Display, and record in the FACP event history, the message describing the device originating the local trouble condition at the FACP and Graphic Annunciator.
2. Visually indicate on graphic annunciators LED's a System Trouble
3. Sound an audible trouble signal at the fire alarm control panel and the remote graphic annunciators.
4. Send trouble signal (via DACT) to a monitoring station (service to be furnished by owner).
5. Log the Alarm condition into system history memory and print event at system printer.

RE: SYSTEM OPERATIONS MATRIX IN SHOP DRAWINGS FOR ADDITIONAL INFORMATION

CARDOZO FIRE ALARM

DEVICE	ROOM	SENSOR ADDRESS	MODULE ADDRESS	MODULE DESCRIPTION / USE
SMOKE DETECTOR / E	02 ELEV	0001		
SMOKE DETECTOR	1134 LIFT #4	0002		
SMOKE DETECTOR	1134 LIFT #4	0003		
SMOKE DETECTOR	1134 LIFT #4	0004		
SMOKE DETECTOR	1134 LIFT #4	0005		
SMOKE DETECTOR	2610 STORAGE	0006		
SMOKE DETECTOR	2611 ELEC. CLOSET	0007		
SMOKE DETECTOR	2612 ITINERANT	0008		
SMOKE DETECTOR	1134 LIFT #4	0009		
SMOKE DETECTOR	1134 LIFT #4	0010		
SMOKE DETECTOR	1134 LIFT #4	0011		
SMOKE DETECTOR	1134 LIFT #4	0012		
SMOKE DETECTOR / E	01 ELEV	0013		
SMOKE DETECTOR	1134 LIFT #4	0014		
SMOKE DETECTOR	1134 LIFT #4	0015		
SMOKE DETECTOR	1134 LIFT #4	0016		
SMOKE DETECTOR	1134 LIFT #4	0017		
SMOKE DETECTOR	2211 ELEC. CLOSET	0018		
SMOKE DETECTOR	2211 ELEC. CLOSET	0019		
SMOKE DETECTOR	2211 ELEC. CLOSET	0020		
SMOKE DETECTOR	1134 LIFT #4	0021		
SMOKE DETECTOR	1134 LIFT #4	0022		
SMOKE DETECTOR	1134 LIFT #4	0023		
SMOKE DETECTOR	1134 LIFT #4	0024		
SMOKE DETECTOR	1134 LIFT #4	0025		
SMOKE DETECTOR	1134 LIFT #4	0026		
SMOKE DETECTOR	1134 LIFT #4	0027		
SMOKE DETECTOR	1134 LIFT #4	0028		
SMOKE DETECTOR	3210 STORAGE	0029		
SMOKE DETECTOR	3211 ELEC. CLOSET	0030		
SMOKE DETECTOR	1134 LIFT #4	0031		
SMOKE DETECTOR	1134 LIFT #4	0032		
SMOKE DETECTOR	1134 LIFT #4	0033		
SMOKE DETECTOR	1134 LIFT #4	0034		
SMOKE DETECTOR	1134 LIFT #4	0035		
SMOKE DETECTOR / E	01 ELEV	0036		
HEAT DETECTOR	01 ELEV	0037		
SMOKE DETECTOR	01 ELEV	0038		
SMOKE DETECTOR	3106 MECH ROOM	0039		
DUCT SMOKE DETECTOR	B500A MECH RM	0040		
WSHP-20 SUPPLY SHUTDOWN			0169	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	B500A MECH RM	0041		
WSHP-18 SUPPLY SHUTDOWN			0170	Control Relay (SIGA-CR)
SMOKE DETECTOR	1134 LIFT #4	0042		
SMOKE DETECTOR	1134 LIFT #4	0043		
SMOKE DETECTOR	1134 LIFT #4	0044		
SMOKE DETECTOR	1134 LIFT #4	0045		
SMOKE DETECTOR	1134 LIFT #4	0046		
SMOKE DETECTOR	3511 ELEC. CLOSET	0047		
SMOKE DETECTOR	3510 STORAGE	0048		
SMOKE DETECTOR	1134 LIFT #4	0049		
SMOKE DETECTOR	1134 LIFT #4	0050		
SMOKE DETECTOR	1134 LIFT #4	0051		
SMOKE DETECTOR	1134 LIFT #4	0052		
SMOKE DETECTOR / E	02 ELEV	0053		
HEAT DETECTOR	02 ELEV	0054		
SMOKE DETECTOR	02 ELEV	0055		
SMOKE DETECTOR	4102 NEW ELEV CONTROL RM	0056		
SMOKE DETECTOR	4102 NEW ELEV CONTROL RM	0057		
DUCT SMOKE DETECTOR	S306 UNOCCUPIED	0058		
RTU-2 SUPPLY & RETURN SHUTDOWN		0165	0165	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S306 UNOCCUPIED	0059		
DUCT SMOKE DETECTOR	S306 UNOCCUPIED	0060		
RTU-1 SUPPLY & RETURN SHUTDOWN		0061	0166	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S306 UNOCCUPIED	0061		
DUCT SMOKE DETECTOR	S306 UNOCCUPIED	0062		
RTU-3 SUPPLY & RETURN SHUTDOWN		0062	0167	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S306 UNOCCUPIED	0063		
SMOKE DETECTOR	B500A MECH RM	0064		

NOTE:
E = ELEVATOR RECALL

CARDOZO FIRE ALARM

DEVICE	ROOM	SENSOR ADDRESS	MODULE ADDRESS	MODULE DESCRIPTION / USE
FLOW SWITCH	TB12 STAIR 12		0140	Monitor Module (SIGA-CT1)
FLOW SWITCH	TB12 STAIR 12		0141	Monitor Module (SIGA-CT1)
FLOW SWITCH	AB10 STORAGE		0142	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AB10 STORAGE		0143	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AB06 VEST.		0144	Monitor Module (SIGA-CT1)
FLOW SWITCH	AB06 VEST.		0145	Monitor Module (SIGA-CT1)
FLOW SWITCH	AB03 VEST.		0146	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AB03 VEST.		0147	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS17 WRESTLING/DANCE/AEROBICS		0148	Monitor Module (SIGA-CT1)
FLOW SWITCH	AS17 WRESTLING/DANCE/AEROBICS		0149	Monitor Module (SIGA-CT1)
TAMPER SWITCH	A002 STAIR B		0150	Monitor Module (SIGA-CT1)
FLOW SWITCH	A002 STAIR B		0151	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS17 WRESTLING/DANCE/AEROBICS		0152	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS17 WRESTLING/DANCE/AEROBICS		0153	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS17 WRESTLING/DANCE/AEROBICS		0154	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS17 WRESTLING/DANCE/AEROBICS		0155	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS17 WRESTLING/DANCE/AEROBICS		0156	Monitor Module (SIGA-CT1)
FLOW SWITCH	AS17 WRESTLING/DANCE/AEROBICS		0157	Monitor Module (SIGA-CT1)
FLOW SWITCH	AS17 WRESTLING/DANCE/AEROBICS		0158	Monitor Module (SIGA-CT1)
FIRE PUMP RUN	AS23 PUMP ROOM		0159	Monitor Module (SIGA-CT1)
FIRE PUMP FAULT	AS23 PUMP ROOM		0160	Monitor Module (SIGA-CT1)
FIRE PUMP PHASE REVERSAL	AS23 PUMP ROOM		0161	Monitor Module (SIGA-CT1)
FLOW SWITCH	AS23 MECHANICAL		0163	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS23 MECHANICAL		0164	Monitor Module (SIGA-CT1)
FLOW SWITCH	AS23 MECHANICAL		0165	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS23 MECHANICAL		0166	Monitor Module (SIGA-CT1)
FLOW SWITCH	AS01 GYMNASIUM		0167	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS01 GYMNASIUM		0168	Monitor Module (SIGA-CT1)
FLOW SWITCH	AS04B STAIR VESTIBULE		0169	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS04B STAIR VESTIBULE		0170	Monitor Module (SIGA-CT1)
ELEVATOR RECALL PRIMARY	AS33 EMR		0171	Control Relay (SIGA-CR)
ELEVATOR RECALL SECONDARY	AS33 EMR		0172	Control Relay (SIGA-CR)
FIRE HAT LAMP	AS33 EMR		0173	Control Relay (SIGA-CR)
FIRE HAT LAMP ALTERNATE	AS33 EMR		0174	Control Relay (SIGA-CR)
POWER SHUNT TRIP	AS33 EMR		0175	Control Relay (SIGA-CR)
SHUNT TRIP SUPERVISION	AS33 EMR		0176	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS51 MECHANICAL		0177	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AS51 MECHANICAL		0178	Monitor Module (SIGA-CT1)
FLOW SWITCH	AS51 MECHANICAL		0179	Monitor Module (SIGA-CT1)
FLOW SWITCH	AS51 MECHANICAL		0180	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#1	AS51 MECHANICAL		0181	Synch Module (SIGA_CC1S)
GENERATOR RUN	S103 MECHANICAL		0183	Monitor Module (SIGA-CT1)
GENERATOR FAULT	S103 MECHANICAL		0184	Monitor Module (SIGA-CT1)
GENERATOR PHASE REVERSAL	S103 MECHANICAL		0185	Monitor Module (SIGA-CT1)
FLOW SWITCH	TS12 STAIR 12		0187	Monitor Module (SIGA-CT1)
FLOW SWITCH	TS12 STAIR 12		0188	Monitor Module (SIGA-CT1)
TAMPER SWITCH	TS12 STAIR 12		0189	Monitor Module (SIGA-CT1)
TAMPER SWITCH	TS12 STAIR 12		0190	Monitor Module (SIGA-CT1)
FLOW SWITCH	TS11 STAIR 11		0191	Monitor Module (SIGA-CT1)
TAMPER SWITCH	TS11 STAIR 11		0192	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#2	S201 MECHANICAL		0197	Synch Module (SIGA_CC1S)
ELEVATOR RECALL PRIMARY	S201A ELEV. MACHINE RM.		0198	Control Relay (SIGA-CR)
ELEVATOR RECALL SECONDARY	S201A ELEV. MACHINE RM.		0199	Control Relay (SIGA-CR)
FIRE HAT LAMP	S201A ELEV. MACHINE RM.		0200	Control Relay (SIGA-CR)
FIRE HAT LAMP ALTERNATE	S201A ELEV. MACHINE RM.		0201	Control Relay (SIGA-CR)
POWER SHUNT TRIP	S201A ELEV. MACHINE RM.		0202	Control Relay (SIGA-CR)
SHUNT TRIP SUPERVISION	S201A ELEV. MACHINE RM.		0203	Monitor Module (SIGA-CT1)
SPEAKER SIGNAL ACTIVATE - SPK CKT #S1	AS51 MECHANICAL		0227	Signal Module (SIGA-MCC1)
SPEAKER SIGNAL ACTIVATE - SPK CKT #S2	B416 MECH RM		0228	Signal Module (SIGA-MCC1)
DOOR HOLDER - RELEASE	AS06 AV/IT CLOSET		0229	Control Relay (SIGA-MCR)
DOOR HOLDER - RELEASE	B412 IT CLOSET		0230	Control Relay (SIGA-MCR)
DOOR HOLDER - RELEASE	B203 IT CLOSET		0231	Control Relay (SIGA-MCR)

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Qty	Cat No	Description	Manuf.	Sheet #
Signature Module Mounting Accessories				
UIO Module Motherboards				
3	SIGA-UIO2R	2 Position, Riser Selection UIO Module Motherboard	EST	85001-0365
1	SIGA-UIO6	6 Position UIO Module Motherboard	EST	85001-0365
Module Cabinet				
4	MFC-A	Module Cabinet for 1 MP1, 2 MP2s, 2 MP2Ls or any 1 UIO Mod	EST	85001-0365
FireRay Reflective Beam Detectors and Accessories				
2	EC-50R	Reflective Beam Smoke Detector, Single As'bly, 15 to 160 ft.	EST	85001-0560
2	EC-LLT	Ground Level Test Station	EST	85001-0560
Genesis Fire Strobes, Wall Mount, Multi-candela, 1 Gang				
138	G1RF-VM	Strobe, running man, red, FIRE, 15, 30, 75, 110 cd, clear lens	EST	85001-0573
Genesis Ceiling Multi Low Candela Fire Strobes				
2	GCF-VM	Strobe, running man, white, FIRE, 15, 30, 75, 95 cd, clear	EST	85001-0557
Genesis Wall Mount 70 Vrms Fire Speaker-Strobes, FIRE label				
402	G4RF-S7VM	70V Speaker-Strobe, Red, running man, FIRE, 15, 30, 75, 110 cd	EST	85001-0549
Genesis Ceiling 70 Vrms Fire Speaker-Strobes, low cd				
5	GCF-S7VM	70V Speaker-Strobe, white, FIRE, 15, 30, 75, 95 cd, clear	EST	85001-0556
Genesis Ceiling 70 Vrms Fire Speaker-Strobes, high cd				
5	GCF-S7VMH	70V Speaker-Strobe, white, FIRE, 95, 115, 150, 177 cd, clear	EST	85001-0556
400 Series Strobes, 4" Sq Mount, W - Wall Mount, C - Ceiling mount				
2	405-5A-T	15cdW Strobe, Red, Terminals	EST	85001-0305
2	405-3A-T	30cdW, 15cdC Strobe, Red, Terminals	EST	85001-0305
Legacy Wall & Ceiling Mount Speakers and Speaker-Strobes				
Wall Mount 70 Vrms Integrity Series Re-Entrant Speaker/Strobes (W=White)				
3	757-7A-RS70	15/75cd Strobe, Re-Ent Speaker, 70V 2, 4, 8, 15w	EST	85001-0317
2	757-3A-RS70	30cdW, 15cdC Strobe, Re-Ent Speaker, 70V 2, 4, 8, 15w	EST	85001-0317
7	757-8A-RS70	110cdW, 60cdC Strobe, Re-Ent Speaker, 70V 2, 4, 8, 15w	EST	85001-0317
Series Re-Entrant Speaker & Speaker/Strobes Mounting Accessories				
12	757A-WB	Weatherproof Box - RED.	EST	85001-0317
Door Holder / Releases, 24Vac/dc or 120Vac				
128	1504-AQN5	Flush, Wall Mount, 24Vac/dc or 120Vac	EST	S85001-0421
Ancillary Relays				
Easy Mount, Contacts 115Vac @ 10A				
46	PAM1	SPDT relay, adhesive mount, 6" leads	EST	270066
Wire Guards				
5	CSGWS 1-863	HI Candela Speaker/Strobe wire guard (Round)	CHASE	CHA-001
2	CSSW 772	Speaker/Strobe wire guard (square)	CHASE	CHA-002

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Qty	Cat No	Description	Manuf.	Sheet #
Signature Module Mounting Accessories				
UIO Module Motherboards				
3	SIGA-UIO2R	2 Position, Riser Selection UIO Module Motherboard	EST	85001-0365
1	SIGA-UIO6	6 Position UIO Module Motherboard	EST	85001-0365
Module Cabinet				
4	MFC-A	Module Cabinet for 1 MP1, 2 MP2s, 2 MP2Ls or any 1 UIO Mod	EST	85001-0365
FireRay Reflective Beam Detectors and Accessories				
2	EC-50R	Reflective Beam Smoke Detector, Single As'by, 15 to 160 ft.	EST	85001-0560
2	EC-LLT	Ground Level Test Station	EST	85001-0560
Genesis Fire Strobes, Wall Mount, Multi-candela, 1 Gang				
138	G1RF-VM	Strobe, running man, red, FIRE, 15, 30, 75, 110 cd, clear lens	EST	85001-0573
Genesis Ceiling Multi Low Candela Fire Strobes				
2	GCF-VM	Strobe, running man, white, FIRE, 15, 30, 75, 95 cd, clear	EST	85001-0557
Genesis Wall Mount 70 Vrms Fire Speaker-Strobes, FIRE label				
402	G4RF-S7VM	70V Speaker-Strobe, Red, running man, FIRE, 15, 30, 75, 110 cd	EST	85001-0549
Genesis Ceiling 70 Vrms Fire Speaker-Strobes, low cd				
5	GCF-S7VM	70V Speaker-Strobe, white, FIRE, 15, 30, 75, 95 cd, clear	EST	85001-0556
Genesis Ceiling 70 Vrms Fire Speaker-Strobes, high cd				
5	GCF-S7VMH	70V Speaker-Strobe, white, FIRE, 95, 115, 150, 177 cd, clear	EST	85001-0556
400 Series Strobes, 4" Sq Mount, W - Wall Mount, C - Ceiling mount				
2	405-5A-T	15cdW Strobe, Red, Terminals	EST	85001-0305
2	405-3A-T	30cdW, 15cdC Strobe, Red, Terminals	EST	85001-0305
Legacy Wall & Ceiling Mount Speakers and Speaker-Strobes				
Wall Mount 70 Vrms Integrity Series Re-Entrant Speaker/Strobes (W=White)				
3	757-7A-RS70	15/75cd Strobe, Re-Ent Speaker, 70V 2, 4, 8, 15w	EST	85001-0317
2	757-3A-RS70	30cdW, 15cdC Strobe, Re-Ent Speaker, 70V 2, 4, 8, 15w	EST	85001-0317
7	757-8A-RS70	110cdW, 60cdC Strobe, Re-Ent Speaker, 70V 2, 4, 8, 15w	EST	85001-0317
Series Re-Entrant Speaker & Speaker/Strobes Mounting Accessories				
12	757A-WB	Weatherproof Box - RED.	EST	85001-0317
Door Holder / Releases, 24Vac/dc or 120Vac				
128	1504-AQN5	Flush, Wall Mount, 24Vac/dc or 120Vac	EST	S85001-0421
Ancillary Relays				
Easy Mount, Contacts 115Vac @ 10A				
46	PAM1	SPDT relay, adhesive mount, 6" leads	EST	270066
Wire Guards				
5	CSGWS 1-863	HI Candela Speaker/Strobe wire guard (Round)	CHASE	CHA-001
2	CSSW 772	Speaker/Strobe wire guard (square)	CHASE	CHA-002

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DEVICE	ROOM	SENSOR ADDRESS	MODULE ADDRESS	MODULE DESCRIPTION / USE
SMOKE DETECTOR	AG07 MECHANICAL	0077		
SMOKE DETECTOR	AG07 MECHANICAL	0078		
DUCT SMOKE DETECTOR	AG07 MECHANICAL	0079		
WSHP-18 SUPPLY SHUTDOWN			0169	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	AG07 MECHANICAL	0080		
ERU-7 SUPPLY & RETURN SHUTDOWN			0153	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	AG07 MECHANICAL	0081		
SMOKE DETECTOR	AG07 MECHANICAL	0082		
SMOKE DETECTOR	G614 ELEC. CLOSET	0083		
SMOKE DETECTOR	AG08 MECHANICAL	0084		
SMOKE DETECTOR	AG08 MECHANICAL	0085		
SMOKE DETECTOR	AG08 MECHANICAL	0086		
SMOKE DETECTOR / E	AG08 MECHANICAL	0087		
SMOKE DETECTOR	G500 CORRIDOR	0088		
SMOKE DETECTOR	G402 CORRIDOR	0089		
SMOKE DETECTOR	G402 CORRIDOR	0090		
SMOKE DETECTOR	TG12 STAIR 12	0091		
SMOKE DETECTOR	AG08 MECHANICAL	0092		
SMOKE DETECTOR	AG08 MECHANICAL	0093		
SMOKE DETECTOR	AG08 MECHANICAL	0094		
SMOKE DETECTOR	AG08 MECHANICAL	0095		
SMOKE DETECTOR	AG08 MECHANICAL	0096		
SMOKE DETECTOR / E	AG08 MECHANICAL	0097		
HEAT DETECTOR	AS01 ELEV	0098		
SMOKE DETECTOR	AS01 ELEV	0099		
SMOKE DETECTOR	AG08 MECHANICAL	0100		
DUCT SMOKE DETECTOR	AG08 MECHANICAL	0101		
WSHP-18 SUPPLY & RETURN SHUTDOWN			0163	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	AG08 MECHANICAL	0102		
SMOKE DETECTOR	AG08 MECHANICAL	0103		
SMOKE DETECTOR	AG08 MECHANICAL	0104		
SMOKE DETECTOR	AG08 MECHANICAL	0105		
DUCT SMOKE DETECTOR	AG08 MECHANICAL	0106		
ERU-4 SUPPLY & RETURN SHUTDOWN			0166	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	AG09 MECHANICAL	0107		
HEAT DETECTOR	1615 DAY CARE KITCKENETTE	0108		
TAMPER SWITCH	T105 STAIR 05		0127	Monitor Module (SIGA-CT1)
FLOW SWITCH	T105 STAIR 05		0128	Monitor Module (SIGA-CT1)
FLOW SWITCH	T105 STAIR 05		0129	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#9	1604 ELEC. CLOSET		0130	Synch Module (SIGA CC1S)
TAMPER SWITCH	T105 STAIR 05		0131	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T105 STAIR 05		0132	Monitor Module (SIGA-CT1)
FLOW SWITCH	T105 STAIR 05		0133	Monitor Module (SIGA-CT1)
FLOW SWITCH	T105 STAIR 05		0134	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T103 STAIR 03		0135	Monitor Module (SIGA-CT1)
FLOW SWITCH	T103 STAIR 03		0136	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#3	1211 ELEC. CLOSET		0137	Synch Module (SIGA CC1S)
FLOW SWITCH	T104 STAIR 04		0138	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T104 STAIR 04		0139	Monitor Module (SIGA-CT1)
TAMPER SWITCH	TG04 STAIR 04		0140	Monitor Module (SIGA-CT1)
FLOW SWITCH	TG04 STAIR 04		0141	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#6	G207 ELEC. CLOSET		0142	Synch Module (SIGA CC1S)
FLOW SWITCH	TG03 STAIR 03		0143	Monitor Module (SIGA-CT1)
TAMPER SWITCH	TG03 STAIR 03		0144	Monitor Module (SIGA-CT1)
FLOW SWITCH	TG05 STAIR 05		0145	Monitor Module (SIGA-CT1)
FLOW SWITCH	TG05 STAIR 05		0146	Monitor Module (SIGA-CT1)
TAMPER SWITCH	TG05 STAIR 05		0147	Monitor Module (SIGA-CT1)
TAMPER SWITCH	TG05 STAIR 05		0148	Monitor Module (SIGA-CT1)
FLOW SWITCH	AG07 MECHANICAL		0149	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#5A/5B	AG07 MECHANICAL		0150	Monitor Module (SIGA-CT1)
TAMPER SWITCH	G614 ELEC. CLOSET		0154	Synch Module (SIGA CC1S)
TAMPER SWITCH	TG05 STAIR 05		0155	Monitor Module (SIGA-CT1)
TAMPER SWITCH	TG05 STAIR 05		0156	Monitor Module (SIGA-CT1)
FLOW SWITCH	TG05 STAIR 05		0157	Monitor Module (SIGA-CT1)
FLOW SWITCH	TG05 STAIR 05		0158	Monitor Module (SIGA-CT1)
FLOW SWITCH	AG08 MECHANICAL		0159	Monitor Module (SIGA-CT1)
FLOW SWITCH	AG08 MECHANICAL		0160	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AG08 MECHANICAL		0161	Monitor Module (SIGA-CT1)
TAMPER SWITCH	AG08 MECHANICAL		0162	Monitor Module (SIGA-CT1)
FLOW SWITCH	A005 STAIR E		0164	Monitor Module (SIGA-CT1)
TAMPER SWITCH	A005 STAIR E		0165	Monitor Module (SIGA-CT1)
SPEAKER SIGNAL ACTIVATE - SPK CKT #S3	G107 MAIN ELECTRICAL ROOM		0170	Signal Module (SIGA-MCC1)
SPEAKER SIGNAL ACTIVATE - SPK CKT #S4	G107 MAIN ELECTRICAL ROOM		0171	Signal Module (SIGA-MCC1)
SPEAKER SIGNAL ACTIVATE - SPK CKT #S5	1211 ELEC. CLOSET		0172	Signal Module (SIGA-MCC1)
DOOR HOLDER - RELEASE GRND FLR	G107 MAIN ELECTRICAL ROOM		0173	Control Module (SIGA-MCR)
DOOR HOLDER - RELEASE 1ST FLR	1211 ELEC. CLOSET		0174	Control Module (SIGA-MCR)
DOOR HOLDER - RELEASE	1606 IT CLOSET		0175	Control Relay (SIGA-CR)
DOOR HOLDER - RELEASE	1209 IT CLOSET		0176	Control Relay (SIGA-CR)
KITCHEN HOOD	G114 SERVING		0178	Monitor Module (SIGA-CT1)
BEAM DETECTOR	G125 ATRIUM		0179	Monitor Module (SIGA-CT1)
BEAM DETECTOR	G125 ATRIUM		0180	Monitor Module (SIGA-CT1)
FIRE SHUTTER CLOSE - ACTIVATE	1100 CORRIDOR		0181	Control Relay (SIGA-CR)
ALARM ACTIVATE- SMOKE CONTROL PANEL	G107 MAIN ELECTRICAL ROOM		0182	Control Relay (SIGA-CR)

NOTE:
E = ELEVATOR RECALL

CARDOZO FIRE ALARM

DEVICE	ROOM	SENSOR ADDRESS	MODULE ADDRESS	MODULE DESCRIPTION / USE
SMOKE DETECTOR	S102 MECHANICAL	0055		
DUCT SMOKE DETECTOR	S101 UNOCCUPIED	0056		
WSHP-6 SUPPLY SHUTDOWN			0216	Control Relay (SIGA-CR)
SMOKE DETECTOR	S201 MECHANICAL	0058		
SMOKE DETECTOR	S201 MECHANICAL	0059		
SMOKE DETECTOR / E	S100A VESTIBULE	0060		
SMOKE DETECTOR	02 ELEV	0061		
HEAT DETECTOR	02 ELEV	0062		
SMOKE DETECTOR / E	S100C CORRIDOR	0063		
SMOKE DETECTOR	S201 MECHANICAL	0064		
DUCT SMOKE DETECTOR	S201 MECHANICAL	0066		
WSHP-3 SUPPLY SHUTDOWN			0217	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S201 MECHANICAL	0067		
WSHP-1 SUPPLY SHUTDOWN			0218	Control Relay (SIGA-CR)
SMOKE DETECTOR	S201 MECHANICAL	0068		
DUCT SMOKE DETECTOR	S201 MECHANICAL	0069		
WSHP-2 SUPPLY SHUTDOWN			0219	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S201 MECHANICAL	0070		
WSHP-4 SUPPLY SHUTDOWN			0220	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S301 UNOCCUPIED	0071		
WSHP-5 SUPPLY SHUTDOWN			0221	Control Relay (SIGA-CR)
SMOKE DETECTOR	S201 MECHANICAL	0072		
DUCT SMOKE DETECTOR	S201 MECHANICAL	0073		
NDUH-1 SUPPLY & RETURN SHUTDOWN			0193	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S201 MECHANICAL	0074		
SMOKE DETECTOR	S201 MECHANICAL	0075		
SMOKE DETECTOR	S201 MECHANICAL	0076		
DUCT SMOKE DETECTOR	S201 MECHANICAL	0077		
DOAS-2 SUPPLY & RETURN SHUTDOWN			0194	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S201 MECHANICAL	0078		
SMOKE DETECTOR	S201 MECHANICAL	0079		
SMOKE DETECTOR	S201 MECHANICAL	0080		
SMOKE DETECTOR	S201A ELEV. MACHINE RM.	0081		
HEAT DETECTOR	S201A ELEV. MACHINE RM.	0082		
SMOKE DETECTOR	S201 MECHANICAL	0083		
DUCT SMOKE DETECTOR	S201 MECHANICAL	0084		
WSHP-9 SUPPLY SHUTDOWN			0222	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S201 MECHANICAL	0085		
WSHP-11 SUPPLY SHUTDOWN			0223	Control Relay (SIGA-CR)
SMOKE DETECTOR	S201 MECHANICAL	0086		
SMOKE DETECTOR	S201 MECHANICAL	0087		
SMOKE DETECTOR	S201 MECHANICAL	0088		
SMOKE DETECTOR	S201 MECHANICAL	0089		
DUCT SMOKE DETECTOR	S201 MECHANICAL	0090		
WSHP-12 SUPPLY SHUTDOWN			0224	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S201 MECHANICAL	0091		
WSHP-10 SUPPLY SHUTDOWN			0225	Control Relay (SIGA-CR)
SMOKE DETECTOR	S201 MECHANICAL	0092		
SMOKE DETECTOR	S201 MECHANICAL	0093		
DUCT SMOKE DETECTOR	S201 MECHANICAL	0094		
ERU-1 SUPPLY & RETURN SHUTDOWN			0195	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S201 MECHANICAL	0095		
DUCT SMOKE DETECTOR	S201 MECHANICAL	0096		
DOAS-3 SUPPLY & RETURN SHUTDOWN			0196	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S201 MECHANICAL	0098		
SMOKE DETECTOR	S201 MECHANICAL	0097		
SMOKE DETECTOR	S201 MECHANICAL	0099		
SMOKE DETECTOR	S201 MECHANICAL	0100		
TAMPER SWITCH	B600 NORTH TUNNEL		0126	Monitor Module (SIGA-CT1)
FLOW SWITCH	B600 NORTH TUNNEL		0127	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#4	B104 MECH ROOM		0129	Synch Module (SIGA_CC1S)
FLOW SWITCH	B500 EAST TUNNEL		0130	Monitor Module (SIGA-CT1)
TAMPER SWITCH	B500 EAST TUNNEL		0131	Monitor Module (SIGA-CT1)
TAMPER SWITCH	TB11 STAIR 11		0133	Monitor Module (SIGA-CT1)
TAMPER SWITCH	TB11 STAIR 11		0134	Monitor Module (SIGA-CT1)
FLOW SWITCH	TB11 STAIR 11		0135	Monitor Module (SIGA-CT1)
FLOW SWITCH	TB11 STAIR 11		0136	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#3	B416 MECH RM		0137	Synch Module (SIGA_CC1S)
TAMPER SWITCH	TB12 STAIR 12		0138	Monitor Module (SIGA-CT1)
TAMPER SWITCH	TB12 STAIR 12		0139	Monitor Module (SIGA-CT1)

NOTE:
E = ELEVATOR RECALL

CARDOZO FIRE ALARM

DEVICE	ROOM	SENSOR ADDRESS	MODULE ADDRESS	MODULE DESCRIPTION / USE
HEAT DETECTOR	4102 NEW ELEV CONTROL RM	0085		
FLOW SWITCH	T105 STAIR 05		0126	Monitor Module (SIGA-CT1)
FLOW SWITCH	T105 STAIR 05		0127	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T105 STAIR 05		0128	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T105 STAIR 05		0129	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#9	2611 ELEC. CLOSET		0130	Synch Module (SIGA_CC1S)
TAMPER SWITCH	T105 STAIR 05		0131	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T105 STAIR 05		0132	Monitor Module (SIGA-CT1)
FLOW SWITCH	T105 STAIR 05		0133	Monitor Module (SIGA-CT1)
FLOW SWITCH	T105 STAIR 05		0134	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T203 STAIR 03		0135	Monitor Module (SIGA-CT1)
FLOW SWITCH	T203 STAIR 03		0136	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#10	2211 ELEC. CLOSET		0137	Synch Module (SIGA_CC1S)
TAMPER SWITCH	T204 STAIR 04		0138	Monitor Module (SIGA-CT1)
FLOW SWITCH	T204 STAIR 04		0139	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T304 STAIR 04		0140	Monitor Module (SIGA-CT1)
FLOW SWITCH	T304 STAIR 04		0141	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#12	3211 ELEC. CLOSET		0142	Synch Module (SIGA_CC1S)
FLOW SWITCH	T303 STAIR 03		0143	Monitor Module (SIGA-CT1)
FLOW SWITCH	T105 STAIR 05		0145	Monitor Module (SIGA-CT1)
FLOW SWITCH	T105 STAIR 05		0146	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T105 STAIR 05		0147	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T105 STAIR 05		0148	Monitor Module (SIGA-CT1)
FA SIGNAL ACTIVATE-EP#11	3511 ELEC. CLOSET		0149	Synch Module (SIGA_CC1S)
TAMPER SWITCH	T105 STAIR 05		0150	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T105 STAIR 05		0151	Monitor Module (SIGA-CT1)
FLOW SWITCH	T105 STAIR 05		0152	Monitor Module (SIGA-CT1)
FLOW SWITCH	T105 STAIR 05		0153	Monitor Module (SIGA-CT1)
SMOKE EXUAST FAN ACTIVATE-#1	4104 PENTHOUSE LEVEL		0156	Control Relay (SIGA-CR)
SMOKE EXUAST FAN ACTIVATE-#2	4104 PENTHOUSE LEVEL		0157	Control Relay (SIGA-CR)
SMOKE EXUAST FAN ACTIVATE-#3	4104 PENTHOUSE LEVEL		0158	Control Relay (SIGA-CR)
ELEVATOR RECALL PRIMARY	4102 NEW ELEV CONTROL RM		0159	Control Relay (SIGA-CR)
ELEVATOR RECALL SECONDARY	4102 NEW ELEV CONTROL RM		0160	Control Relay (SIGA-CR)
FIRE HAT LAMP	4102 NEW ELEV CONTROL RM		0161	Control Relay (SIGA-CR)
FIRE HAT LAMP ALTERNATE	4102 NEW ELEV CONTROL RM		0162	Control Relay (SIGA-CR)
POWER SHUNT TRIP	4102 NEW ELEV CONTROL RM		0163	Control Relay (SIGA-CR)
SHUNT TRIP SUPERVISION	4102 NEW ELEV CONTROL RM		0164	Monitor Module (SIGA-CT1)
TAMPER SWITCH	T303 STAIR 03		0168	Monitor Module (SIGA-CT1)
SPEAKER SIGNAL ACTIVATE - SPK CKT #S6	2211 ELEC. CLOSET		0171	Signal Module (SIGA-MCC1)
SPEAKER SIGNAL ACTIVATE - SPK CKT #S7	3211 ELEC. CLOSET		0172	Signal Module (SIGA-MCC1)
DOOR HOLDER - RELEASE 2ND FLR	2211 ELEC. CLOSET		0173	Control Module (SIGA-MCR)
DOOR HOLDER - RELEASE 3RD FLR	3211 ELEC. CLOSET		0174	Control Module (SIGA-MCR)
MANUAL STATION	1103 SCHOOL SECURITY RM		0175	

NOTE:
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DEVICE	ROOM	SENSOR ADDRESS	MODULE ADDRESS	MODULE DESCRIPTION / USE
SMOKE DETECTOR	1134 LIFT #4		0001	
SMOKE DETECTOR	1134 LIFT #4		0002	
SMOKE DETECTOR	1134 LIFT #4		0003	
SMOKE DETECTOR	1134 LIFT #4		0004	
SMOKE DETECTOR	1134 LIFT #4		0005	
SMOKE DETECTOR	1134 LIFT #4		0006	
SMOKE DETECTOR	1134 LIFT #4		0007	
SMOKE DETECTOR	1134 LIFT #4		0008	
SMOKE DETECTOR	1134 LIFT #4		0009	
SMOKE DETECTOR	1604 ELEC. CLOSET		0010	
SMOKE DETECTOR	1604 ELEC. CLOSET		0011	
SMOKE DETECTOR	1134 LIFT #4		0012	
SMOKE DETECTOR	1134 LIFT #4		0013	
SMOKE DETECTOR	1134 LIFT #4		0014	
SMOKE DETECTOR	1134 LIFT #4		0015	
SMOKE DETECTOR	1134 LIFT #4		0016	
SMOKE DETECTOR	1134 LIFT #4		0017	
SMOKE DETECTOR / E	02 ELEV		0018	
SMOKE DETECTOR	1134 LIFT #4		0019	
SMOKE DETECTOR	1134 LIFT #4		0020	
SMOKE DETECTOR	1134 LIFT #4		0021	
SMOKE DETECTOR	1134 LIFT #4		0022	
SMOKE DETECTOR	1134 LIFT #4		0023	
DUCT SMOKE DETECTOR	B415 ENGINEERING OFFICE AND STORA		0024	0167
WSHP-43 SUPPLY SHUTDOWN				
DUCT SMOKE DETECTOR	B415 ENGINEERING OFFICE AND STORA		0025	
WSHP-42 SUPPLY SHUTDOWN				0168
SMOKE DETECTOR / E	01 ELEV		0026	
SMOKE DETECTOR	1134 LIFT #4		0027	
SMOKE DETECTOR	1134 LIFT #4		0028	
SMOKE DETECTOR	1134 LIFT #4		0029	
SMOKE DETECTOR	1134 LIFT #4		0030	
SMOKE DETECTOR	1134 LIFT #4		0031	
SMOKE DETECTOR	1134 LIFT #4		0032	
SMOKE DETECTOR	1134 LIFT #4		0033	
SMOKE DETECTOR	1134 LIFT #4		0034	
SMOKE DETECTOR	1211 ELEC. CLOSET		0035	
SMOKE DETECTOR	1210 STORAGE		0036	
SMOKE DETECTOR	1134 LIFT #4		0037	
SMOKE DETECTOR	1134 LIFT #4		0038	
SMOKE DETECTOR	1134 LIFT #4		0039	
SMOKE DETECTOR	1134 LIFT #4		0040	
SMOKE DETECTOR	1135 DIMMER CONTROL		0041	
SMOKE DETECTOR	1135 DIMMER CONTROL		0042	
SMOKE DETECTOR	1134 LIFT #4		0043	
SMOKE DETECTOR	1134 LIFT #4		0044	
SMOKE DETECTOR	TG11 STAIR 11		0045	
SMOKE DETECTOR	G400 CORRIDOR		0046	
SMOKE DETECTOR	G300 CORRIDOR		0047	
SMOKE DETECTOR	G128 CORRIDOR		0048	
SMOKE DETECTOR	AG08 MECHANICAL		0049	
SMOKE DETECTOR	AG08 MECHANICAL		0050	
SMOKE DETECTOR	AG08 MECHANICAL		0051	
SMOKE DETECTOR	AG08 MECHANICAL		0052	
SMOKE DETECTOR	G208 STORAGE		0053	
SMOKE DETECTOR	G207 ELEC. CLOSET		0054	
SMOKE DETECTOR	AG08 MECHANICAL		0055	
SMOKE DETECTOR	AG08 MECHANICAL		0056	
SMOKE DETECTOR	AG08 MECHANICAL		0057	
SMOKE DETECTOR	AG08 MECHANICAL		0058	
SMOKE DETECTOR / E	01 ELEV		0059	
SMOKE DETECTOR	G107 MAIN ELECTRICAL ROOM		0060	
SMOKE DETECTOR	G204 NEW HEIGHTAMPER SWITCH		0061	
HEAT DETECTOR	G204 NEW HEIGHTAMPER SWITCH		0062	
SMOKE DETECTOR	G102 HEAD END ROOM		0063	
SMOKE DETECTOR	AG08 MECHANICAL		0064	
SMOKE DETECTOR	AG08 MECHANICAL		0065	
SMOKE DETECTOR	AG08 MECHANICAL		0066	
SMOKE DETECTOR	AG08 MECHANICAL		0067	
SMOKE DETECTOR	AG08 MECHANICAL		0068	
SMOKE DETECTOR	AG08 MECHANICAL		0069	
SMOKE DETECTOR	AG08 MECHANICAL		0070	
SMOKE DETECTOR	AG07 MECHANICAL		0071	
SMOKE DETECTOR	AG07 MECHANICAL		0072	
DUCT SMOKE DETECTOR	AG07 MECHANICAL		0073	
ERU-18 SUPPLY & RETURN SHUTDOWN				0151
DUCT SMOKE DETECTOR	AG07 MECHANICAL		0074	
DUCT SMOKE DETECTOR	AG07 MECHANICAL		0075	
ERU-3 SUPPLY & RETURN SHUTDOWN				0152
DUCT SMOKE DETECTOR	AG07 MECHANICAL		0076	

NOTE:
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CARDOSO FIRE Alarm

DEVICE	ROOM	SENSOR ADDRESS	MODULE ADDRESS	MODULE DESCRIPTION / USE
DUCT SMOKE DETECTOR	B500 EAST TUNNEL	0001		
WSHP-21 SUPPLY SHUTDOWN			0226	Control Relay (SIGA-CR)
SMOKE DETECTOR	B104 MECH ROOM	0002		
DUCT SMOKE DETECTOR	B106 STORAGE	0003		
WSHP-14 SUPPLY SHUTDOWN			0204	Control Relay (SIGA-CR)
SMOKE DETECTOR	B104 MECH ROOM	0004		
DUCT SMOKE DETECTOR	B500A MECH RM	0005		
DOAS-1 SUPPLY & RETURN SHUTDOWN			0132	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	B500A MECH RM	0006		
HEAT DETECTOR	B2013 LIFT	0007		
SMOKE DETECTOR	B2013 LIFT	0008		
SMOKE DETECTOR / E	B2013 LIFT	0009		
SMOKE DETECTOR / E	B400B CORRIDOR	0010		
SMOKE DETECTOR	02 ELEV	0011		
HEAT DETECTOR	02 ELEV	0012		
SMOKE DETECTOR	B416 MECH RM	0013		
DUCT SMOKE DETECTOR	B500A MECH RM	0014		
WSHP-17 SUPPLY SHUTDOWN			0205	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	B415 ENGINEERING OFFICE AND STOR	0015		
WSHP-28 SUPPLY SHUTDOWN			0206	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	B415 ENGINEERING OFFICE AND STOR	0016		
WSHP-27 SUPPLY SHUTDOWN			0207	Control Relay (SIGA-CR)
SMOKE DETECTOR	B416 MECH RM	0017		
SMOKE DETECTOR	B416 MECH RM	0018		
SMOKE DETECTOR	B416 MECH RM	0019		
SMOKE DETECTOR	B416 MECH RM	0020		
HEAT DETECTOR	AS01 ELEV	0021		
SMOKE DETECTOR	AS01 ELEV	0022		
SMOKE DETECTOR / E	AB09 CORRIDOR	0023		
DUCT SMOKE DETECTOR	B415 ENGINEERING OFFICE AND STOR	0024		
WSHP-15 SUPPLY SHUTDOWN			0208	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	B415 ENGINEERING OFFICE AND STOR	0025		
WSHP-40 SUPPLY SHUTDOWN			0209	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	B415 ENGINEERING OFFICE AND STOR	0026		
WSHP-16 SUPPLY SHUTDOWN			0210	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	B415 ENGINEERING OFFICE AND STOR	0027		
WSHP-41 SUPPLY SHUTDOWN	B416 MECH RM	0028	0211	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	AS23 MECHANICAL	0029		
ERU-2 SUPPLY & RETURN SHUTDOWN			0162	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	AS23 MECHANICAL	0030		
SMOKE DETECTOR	AS51 MECHANICAL	0031		
DUCT SMOKE DETECTOR	S201 MECHANICAL	0032		
WSHP-33 SUPPLY SHUTDOWN			0212	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S201 MECHANICAL	0033		
WSHP-32 SUPPLY SHUTDOWN			0213	Control Relay (SIGA-CR)
SMOKE DETECTOR	AS51 MECHANICAL	0034		
DUCT SMOKE DETECTOR	AS51 MECHANICAL	0035		
ERU-5 SUPPLY & RETURN SHUTDOWN			0182	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	AS51 MECHANICAL	0036		
SMOKE DETECTOR / E	AS03 CORRIDOR	0037		
HEAT DETECTOR	AS00 ELEV	0038		
SMOKE DETECTOR	AS00 ELEV	0039		
SMOKE DETECTOR	AS33 EMR	0040		
HEAT DETECTOR	AS33 EMR	0041		
SMOKE DETECTOR	AS33 EMR	0042		
DUCT SMOKE DETECTOR	S103 MECHANICAL	0043		
WSHP-8 SUPPLY SHUTDOWN			0214	Control Relay (SIGA-CR)
SMOKE DETECTOR	S103 MECHANICAL	0044		
SMOKE DETECTOR	S103 MECHANICAL	0045		
SMOKE DETECTOR	S103 MECHANICAL	0046		
SMOKE DETECTOR	S103 MECHANICAL	0047		
SMOKE DETECTOR	S102 MECHANICAL	0048		
SMOKE DETECTOR	S102 MECHANICAL	0049		
DUCT SMOKE DETECTOR	S102 MECHANICAL	0050		
DOAS-4 SUPPLY & RETURN			0186	Control Relay (SIGA-CR)
DUCT SMOKE DETECTOR	S102 MECHANICAL	0051		
SMOKE DETECTOR	S102 MECHANICAL	0052		
DUCT SMOKE DETECTOR	S102 MECHANICAL	0053		
WSHP-7 SUPPLY SHUTDOWN			0215	Control Relay (SIGA-CR)

CARDOZO FIRE ALARM

Qty	Cat No	Description	Manuf.	Sheet #
EST3 System Components				
Local Rail & Communication Modules				
1	EST3	Panels	EST	85000-0145
1	3-CPU3	Central Processor Module		
1	3-RS485B	Network Communication Card, Class B	EST	85010-0133
1	3-RS232	RS232 Communication Card	EST	85010-0133
3	3-SSDC1	Signature Single Driver Controller (LRM)	EST	85010-0133
1	3-MODCOM	Modem Communicator and Dialer	EST	85010-0129
8	3-ZA40B	40 Watt Zoned Amplifier, Class B, 25 or 70Vrms	EST	85010-0107
			EST	85010-0057
User Interface Modules				
1	3-LCD	Liquid Crystal Display Module		
1	3-12/S1RY	12 Switch, 12 Red, 12 Yel Ctrl Dis Mod	EST	85010-0071
1	3-12/S1GY	12 Switch, 12 Grn, 12 Yel Ctrl Dis Mod	EST	85010-0055
Audio & Telephone Common Controls				
1	3-ASU/4	Audio Source Unit /w 4 Rail Spaces	EST	85010-0055
Power Supplies				
1	3-PPS/M	Primary Power Supply 120V	EST	85010-0063
1	3-BPS/M	Booster Power Supply 120V	EST	85010-0059
1	3-BBC/M	Booster Power Supply 120V, Multiple Batteries	EST	85010-0059
Battery				
4	DC0040	40 AH Battery		
Cabinets & Door Assemblies				
Chassis Assemblies				
2	3-CHAS7	Chassis Ass'y for 7 LRMs	INTERSTATE	INT-001
Local Rail Filler Modules, Doors, & Plates				
1	3-LRMF	Blank LRM Filler	EST	85010-0067
3	3-CPU3DR	Blank Door for CPU-3	EST	N/A
14	3-FP	Filler Plate for LRM door	EST	N/A
Lobby Cabinet Assemblies				
1	3-CAB21B	Back Box /w 21 LRM Space w/o Door	EST	85010-0067
1	3-CAB21DR	Red Door Assembly for 3-CAB21	EST	85010-0067
Battery Cabinet				
4	BC-1	Battery Cabinet	EST	85010-0067
Peripheral Devices, Printers				
1	PT-1S	System Printer	EST	85010-0067
EST3 System Modules				
3	QED24X24	Graphic Annunciator 24x24 (WXH) Surface Mount	EST	270020
3	QED24X24HS	Graphic Annunciator Backbox, 24x24 (WXH) Surface Mount	QED	QED-001
3	3-ANNCPU3	Annunciator CPU	QED	QED-002
6	3-EVDVRX	19" rack /w space for three 3-EVDVRAs	EST	85010-0069
9	3-EVDVRA	Driver Module, 24 LEDs, 12 Switches /w cable for 3 party ann.	EST	85010-0069
3	3-EVPWRA	Power Supply, /w cable for 3rd party ann.	EST	85010-0069
Remote Booster Power Supply Summary				
2	BPS6A-6	6 Pack, Remote Booster Power Supply, 6.5A, 120Vac, Red	EST	85005-0125
3	BPS6A	Remote Booster Power Supply, 6.5A, 120Vac, Red	EST	85005-0125
Remote Booster Power Supply Batteries				
30	SLA1075	7.5 AH Battery	EST	85005-0125
Signature Series Intelligent Detectors				
197	SIGA2-PS	Photoelectric Smoke Detector	INTERSTATE	INT-002
13	SIGA2-HRS	Heat Detector, 15F ROR, 135F Fixed Temperature		
Detector Bases				
210	SIGA-SB	Standard Detector Base	EST	85001-0619
SuperDuct Signature Smoke Detector				
60	SIGA-SD	SuperDuct Detector	EST	85001-0619
SuperDuct Sampling Tubes				
60	SD-T60	SuperDuct, Air sample tube, 60 inch	EST	85001-0584
Remote Alarm LED				
60	SIGA-LED	Remote Alarm LED, use with Standard Base & SIGA-SD only	EST	85001-0584
Signature Series Life Safety Modules				
Manual Pull Stations				
1	SIGA-278	Double Action Fire Alarm Station		
Input Modules				
115	SIGA-CT1	Single Input Module	EST	85001-0279
Output Modules				
2	SIGA-CCI	Signal Module /w 1 Riser in, 1 Output Ckt, CI 'B'	EST	85001-0241
12	SIGA-CCIS	Synchronized Signal Module /w 1 Riser in, 1 Output Ckt, CI 'B'	EST	85001-0237
5	SIGA-MCC1	Signal Module /w 1 Riser in, 1 Output Ckt, CI 'B' - UIO Mount	EST	85001-0543
70	SIGA-CR	Control Relay Module	EST	85001-0237
4	SIGA-MCR	Control Relay Module - UIO Mount	EST	85001-0239
			EST	85001-0239