645 Congress Street
Portland, ME
Fire Alarm System
Input/Output Matrix

System Outputs

Required Fire Safety Control — Supplementary

Control Unit Annunciation | Notification

		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	
		Actuate common alarm signal indicator	Actuate audible alarm signal	Actuate common supervisory signal indicator	Actuate audible supervisory signal	Actuate common trouble signal indicator	Actuate audible common trouble signal	Actuate basement alarm indicator	Actuate 1st floor alarm indicator	Actuate 2nd floor alarm indicator	Actuate 3rd floor alarm indicator	Actuate 4th floor alarm indicator	Actuate 5th floor alarm indicator	Actuate 6th floor alarm indicator	Actuate elevator zone indicator	Actuate basement evacuation signals	Actuate 1st floor evacuation signals	Actuate 2nd floor evacuation signals	Actuate 3rd floor evacuation signals	Actuate 4th floor evacuation signals	Actuate 5th floor evacuation signals	Actuate 6th floor evacuation signals	Display/print change of status	Transmit fire alarm signal to supervising station	Transmit supervisory signal to supervising station	Transmit trouble signal to supervising station	Recall elevators to primary recall floor	Recall elevators to alternate recall floor	Actuate exterior strobe at l.d response point		
1	Manual Fire Alarm Boxes – Basement	●	●					●								●							●	●					●	1
2	Manual Fire Alarm Boxes – 1st Floor	●	●						●								●						●	●					●	2
3	Manual Fire Alarm Boxes – 2nd Floor	●	●							●								●					●	●					●	3
4	Manual Fire Alarm Boxes – 3rd Floor	●	●								●								●				●	●					●	4
5	Manual Fire Alarm Boxes – 4th Floor	●	●									●								●			●	●					●	5
6	Manual Fire Alarm Boxes – 5th Floor	●	●										●								●		●	●					●	6
7	Manual Fire Alarm Boxes – 6th Floor	●	●											●								●	●	●					●	7
8	Smoke Detectors – Basement	●	●					●								●							●	●			●		●	8
9	Smoke Detectors – 1st Floor	●	●						●								●						●	●			●		●	9
10	Smoke Detectors – 2nd Floor	●	●							●								●					●	●			●		●	10
11	Smoke Detectors – 3rd Floor	●	●								●								●				●	●			●		●	11
12	Smoke Detectors – 4th Floor	●	●									●								●			●	●			●		●	12
13	Smoke Detectors – 5th Floor	●	●										●								●		●	●			●		●	13
14	Smoke Detectors – 6th Floor	●	●											●								●	●	●			●		●	14
15	Smoke Detector Zone 1	●	●																				●	●					●	15
16	Heat Detectors – Basement Mech. Rm. 012	●	●					●															●	●					●	16
17	Heat Detectors – Basement Emr. Rm. 006	●	●					●															●	●					●	17
18	Heat Detectors – Elevator Pit	●	●												●	●							●	●				●	●	18
19	Heat Detectors – Elevator Shaft	●	●												●	●							●	●			●		●	19
20	Waterflow – Basement	●	●					●															●	●			●		●	20
21	Waterflow – 1st Floor	●	●						●														●	●			●		●	21
22	Waterflow – 2nd Floor	●	●							●													●	●			●		●	22
23	Waterflow – 3rd Floor	●	●								●												●	●			●		●	23
24	Waterflow – 4th Floor	●	●									●											●	●			●		●	24
25	Waterflow – 5th Floor	●	●										●										●	●			●		●	25
26	Waterflow – 6th Floor	●	●											●									●	●			●		●	26
27	Sprinkler Control Valve – Basement			●	●																		●		●					27
28	Sprinkler Control Valve – 1st Floor			●	●																		●		●					28
29	Sprinkler Control Valve – 2nd Floor			●	●																		●		●					29
30	Sprinkler Control Valve – 3rd Floor			●	●																		●		●					30
31	Sprinkler Control Valve – 4th Floor			●	●																		●		●					31
32	Sprinkler Control Valve – 5th Floor			●	●																		●		●					32
33	Sprinkler Control Valve – 6th Floor			●	●																		●		●					33
34	Fire alarm ac power failure					●	●																			●				34
35	Fire Alarm system low battery					●	●																			●				35
36	Open Circuit					●	●																			●				36
37	Ground Fault					●	●																			●				37
38	Notification Appliance Circuit Short					●	●																			●				38
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	