

SYSTEM INPUTS

SYSTEM OUTPUTS

CONTROL UNIT ACTIVATION

NOTIFICATION

FIRE SAFETY CONTROLS

ACTIVATE COMMON ALARM SIGNAL INDICATOR
 ACTIVATE AUDIBLE ALARM SIGNAL
 ACTIVATE COMMON SUPERVISORY SIGNAL
 ACTIVATE AUDIBLE SUPERVISORY SIGNAL INDICATOR
 ACTIVATE COMMON TROUBLE SIGNAL
 DISPLAY ALPHA-NUMERIC TROUBLE SIGNAL
 RECORD EVENTS IN THE SYSTEM MEMORY
 ACTIVATE GENERAL EVACUATION SIGNALS & MESSAGE
 SEND FIREFIGHTERS WARNING MESSAGE
 TRANSMIT FIRE ALARM SIGNAL TO ELEVATOR CONTROLS
 TRANSMIT SUPERVISORY SIGNAL TO REMOTE ALARM RECEIVING STATION
 TRANSMIT TROUBLE SIGNAL TO ELEVATOR CONTROLS
 RECALL ELEVATORS TO REMOTE ALARM RECEIVING STATION
 RECALL ELEVATORS TO REMOTE ALARM RECEIVING STATION
 SHUTDOWN POWER TO ALTERNATE RECALL FLOOR
 ACTIVATE SMOKE DAMPERS

		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	
1	MANUAL FIRE ALARM PULL STATION	●	●					●	●	●		●							1
2	AREA HEAT DETECTOR	●	●					●	●	●		●							2
3	AREA SMOKE DETECTOR	●	●					●	●	●		●						●	3
4	AREA CARBON MONOXIDE DETECTOR			●	●			●	●				●						4
5	ELEVATOR LOBBY SMOKE DETECTOR - PRIMARY FLOOR	●	●					●	●	●		●				●		●	5
6	ELEVATOR LOBBY SMOKE DETECTOR - ALTERNATE FLOOR	●	●					●	●	●		●			●			●	6
7	ELEVATOR SMOKE DETECTOR	●	●					●	●	●	●	●			●			●	7
8	ELEVATOR HEAT DETECTOR	●	●					●	●	●	●	●			●		●		8
9	SPRINKLER WATERFLOW	●	●					●	●	●		●							9
10	SPRINKLER TAMPER VALVE			●	●			●	●				●						10
11	FIRE ALARM AC POWER FAILURE					●	●	●	●					●					11
12	FIRE ALARM SYSTEM LOW BATTERY					●	●	●	●					●					12
13	OPEN CIRCUIT					●	●	●	●					●					13
14	GROUND FAULT					●	●	●	●					●					14
15	NOTIFICATION APPLIANCE CIRCUIT SHORT					●	●	●	●					●					15

REVISION 0: SUBMITTAL	01/24/2018
CAUSE AND EFFECT MATIX	
PROJECT NUMBER: 328143SP	SCALE: NONE
PROJECT:	DRAWN BY: JRS
cPORT CREDIT UNION 50 INDIA STREET PORTLAND, MAINE 04101	CHECKED BY: MP
	SHEET: MX-01

