

SYSTEM OUTPUTS

CONTROL UNIT ACTIVATION


NOTIFICATION

SYSTEM INPUTS

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 APPROPRIATE ANNOUNCEMENT AND ALARM SIGNALS
 SEND FIREFIGHTERS WARNING MESSAGE
 TRANSMIT FIRE ALARM SIGNAL TO ELEVATOR CONTROLS
 TRANSMIT SUPERVISORY SIGNAL TO REMOTE ALARM RECEIVING STATION
 RELEASE DOOR HOLDERS/ACTIVATE DOOR INTERLOCK OVERRIDE

ACTIVATE COMMON TROUBLE SIGNAL
 RECORD EVENTS IN THE SYSTEM MEMORY
 ACTIVATE APPROPRIATE ANNOUNCEMENT AND ALARM SIGNALS
 SEND FIREFIGHTERS WARNING MESSAGE
 TRANSMIT FIRE ALARM SIGNAL TO ELEVATOR CONTROLS
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 RELEASE DOOR HOLDERS/ACTIVATE DOOR INTERLOCK OVERRIDE

SYSTEM INPUTS		A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	MANUAL FIRE ALARM PULL STATION	●	●					●	●	●		●			●
2	AREA SMOKE DETECTOR	●	●					●	●	●		●			●
3	AREA HEAT DETECTOR	●	●					●	●	●		●			●
4	DUCT DETECTOR			●	●			●	●			●			●
5	CARBON MONOXIDE DETECTOR			●	●			●	●			●			●
6	SPRINKLER WATERFLOW	●	●					●	●	●		●			●
7	SPRINKLER TAMPER VALVE			●	●			●	●			●			
8	FIRE ALARM AC POWER FAILURE					●	●	●	●				●		
9	FIRE ALARM SYSTEM LOW BATTERY					●	●	●	●				●		
10	OPEN CIRCUIT					●	●	●	●				●		
11	GROUND FAULT					●	●	●	●				●		
12	NOTIFICATION APPLIANCE CIRCUIT SHORT					●	●	●	●				●		
		A	B	C	D	E	F	G	H	I	J	K	L	M	N

REVISION 0: SUBMITTAL		01/30/2017
FIRE ALARM MATRIX		
PROJECT NUMBER: 324613SP	SCALE: NONE	
PROJECT:	DRAWN BY: JRS	
IMMUCELL 1039 RIVERSIDE STREET PORTLAND, MAINE 04103	CHECKED BY: DG	
	SHEET:	
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