SYSTEM OUTPUTS

	SYSTEM INPUTS	CONTROL UNIT ACTIVATION												NOTIFICATION						REQUIRED FIRE SAFETY CONTROL					
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	U	V	
		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	DISPLAY ALPHA-NUMERIC SYSTEM STATUS MESSAGE	RECORD EVENTS IN THE SYSTEM MEMORY	ACTUATE GENERAL VOICE EVACUATION SIGNALS	SEND FIREFIGHTERS WARNING SIGNAL TO ELEVATOR CONTROLS	TRANSMIT FIRE ALARM SIGNAL TO REMOTE ALARM RECEIVING STATION	TRANSMIT SUPERVISORY SIGNAL TO REMOTE ALARM RECEIVING STATION	TRANSMIT TROUBLE SIGNAL TO REMOTE ALARM RECEIVING STATION	ACTUATE EXTERIOR SPRINKLER ALARM STROBE HORN AT FDC LOCATION	RECALL ELEVATORS TO PRIMARY RECALL FLOOR	RECALL ELEVATORS TO ALTERNATE RECALL FLOOR	SIGNAL BUILDING AUTOMATION SYSTEM OF SHUTDOWN EVENT	SHUTDOWN POWER TO ELEVATOR	SIGNAL THE AIR HANDLERS TO SHUTDOWN	
1	MANUAL FIRE ALARM PULL STATION	●	●					●	●	●		●									1
2	AREA SMOKE DETECTOR	●	●					●	●	●		●									2
3	FIRE ALARM AC POWER FAILURE					●	●	●	●					●	●						3
4	FIRE ALARM SYSTEM LOW BATTERY					●	●	●	●					●	●						4
5	OPEN CIRCUIT					●	●	●	●					●	●						5
6	GROUND FAULT					●	●	●	●					●	●						6
7	NOTIFICATION APPLIANCE CIRCUIT SHORT					●	●	●	●					●	●						7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	U	V	

REVISION 0 SUBMITTAL DATE: 10/07/2015

CAUSE AND EFFECT MATRIX

PROJECT NAME USM SCIENCE BUILDING
CHEMISTRY LAB C300
70 FALMOUTH STREET
PORTLAND, ME

SCALE NTS

BY: JRS

CK BY: DG

SAVED AS:

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