

SYSTEM INPUTS	CONTROL UNIT ACTIVATION								SYSTEM OUTPUTS						REQUIRED FIRE SAFETY CONTROL											
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	U	V	W	X					
1 MANUAL FIRE ALARM PULL STATION	●	●					●	●	●		●			●			●		●				1			
2 AREA SMOKE DETECTOR	●	●					●	●	●		●			●			●			●			2			
3 AREA HEAT DETECTOR	●	●					●	●	●		●			●			●						3			
4 IN-DUCT SMOKE DETECTOR	●	●					●	●				●					●		●	●			4			
5 SPRINKLER WATERFLOW	●	●					●	●	●		●			●			●						5			
6 SPRINKLER CONTROL VALVE			●	●			●	●				●											6			
7 FIRE ALARM AC POWER FAILURE					●	●	●	●					●										7			
8 FIRE ALARM SYSTEM LOW BATTERY					●	●	●	●					●										8			
9 OPEN CIRCUIT					●	●	●	●					●										9			
10 GROUND FAULT					●	●	●	●					●										10			
11 NOTIFICATION APPLIANCE CIRCUIT SHORT					●	●	●	●	●	●	●		●										11			
12 ELEVATOR LOBBY SMOKE DETECTOR - PRIMARY FLOOR	●	●					●	●	●	●	●			●		●							12			
13 ELEVATOR LOBBY SMOKE DETECTOR - ALTERNATE FLOOR	●	●					●	●	●		●			●	●								13			
14 ELEVATOR SMOKE DETECTOR	●	●					●	●	●		●				●								14			
15 ELEVATOR HEAT DETECTOR	●	●					●	●			●							●					15			
16 KITCHEN HOOD FIRE SUPPRESSION SYSTEM DISCHARGE	●	●															●			●	●		16			
17 FIRE PUMP			●																				17			
18 HIGH/LOW PRESSURE - DRY PIPE SPRINKLER SYSTEM			●																				18			

REVISION 2	DATE:
REVISION 1	DATE:
REVISION 0 SUBMITTAL	DATE: 03/03/2014
CAUSE AND EFFECT MATRIX	
PROJECT NAME	Maine Medical Center Brighton Campus Brighton Avenue Portland, ME
SCALE	NTS
BY:	JRS
CK BY:	
SAVED AS:	



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