


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 SPRINKLER PRESSURE			●	●			●	●				●											4			
5 SPRINKLER WATERFLOW	●	●					●	●	●		●			●			●			●			5			
6 SPRINKLER TAMPER 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			

REVISION 2	DATE:
REVISION 1	DATE:
REVISION 0 SUBMITTAL	DATE: 05/05/2014
CAUSE AND EFFECT MATRIX	
PROJECT NAME	SCALE NTS
WEST END PLACE 44 PINE STREET PORTLAND, ME 04102	BY: JRS
	CK BY:
	SAVED AS:
 Prepared For Tomorrow, Delivered Today 2257 BROADWAY, So PORTLAND, MAINE	