


SYSTEM INPUTS		CONTROL UNIT ACTIVATION								SYSTEM OUTPUTS				FIRE SAFETY CONTROL									
		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 SMOKE DETECTOR	●	●					●	●	●		●							●				2
3	AREA HEAT DETECTOR	●	●					●	●	●		●							●				3
4	ELEVATOR LOBBY SMOKE DETECTOR - PRIMARY FLOOR	●	●					●	●	●		●					●		●				4
5	ELEVATOR LOBBY SMOKE DETECTOR - ALTERNATE FLOOR	●	●					●	●	●		●			●				●				5
6	ELEVATOR SMOKE DETECTOR	●	●					●	●	●	●				●				●				6
7	ELEVATOR HEAT DETECTOR	●	●					●	●	●	●						●		●				7
8	SPRINKLER WATERFLOW	●	●					●	●	●	●								●				8
9	SPRINKLER TAMPER VALVE			●	●			●	●	●	●		●										9
10	FIRE ALARM AC POWER FAILURE					●	●	●	●	●	●			●									10
11	FIRE ALARM SYSTEM LOW BATTERY					●	●	●	●	●	●			●									11
12	OPEN CIRCUIT					●	●	●	●	●	●			●									12
13	GROUND FAULT					●	●	●	●	●	●			●									13
14	NOTIFICATION APPLIANCE CIRCUIT SHORT					●	●	●	●	●	●			●									14

REVISION 0	SUBMITTAL	DATE: 08/07/2016
FIRE ALARM SYSTEM CAUSE AND EFFECT MATRIX		
PROJECT NAME	PATRONS OXFORD 97 TECHNOLOGY PARK DRIVE PORTLAND, MAINE 04102	BY: JRS CK: DG
 Prepared For Tomorrow; Delivered Today 2257 BROADWAY, SOUTH PORTLAND, MAINE		SCALE: NONE SHEET: MX-1