Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 02/09/16

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	W	X								
		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 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	RELEASE DOOR HOLDERS AND ELECTRIC DOORS	RECALL ELEVATORS TO PRIMARY RECALL FLOOR	RECALL ELEVATORS TO ALTERNATE RECALL FLOOR	SIGNAL BUILDING SMOKE DAMPERS	SHUTDOWN POWER TO ELEVATOR	HVAC SHUTDOWN	TRANSMIT SIGNAL TO BUILDING MANAGEMENT SYSTEM	ACTIVATE FUEL SHUTDOWN FUEL SOURCE							
1	MANUAL FIRE ALARM PULL STATION	●	●					●	●	●		●			●			●		●	●	●	1							
2	AREA SMOKE DETECTOR	●	●					●	●	●		●			●			●		●	●	●	2							
3	AREA HEAT DETECTOR	●	●					●	●	●		●			●			●		●	●	●	3							
4	FIRE PUMP SIGNAL			●	●			●	●				●										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							
15	PRE-ACTION ALARM	●	●					●	●	●		●				●		●		●	●	●	16							
15	PRE-ACTION TROUBLE					●	●	●	●					●									17							
15	PRE-ACTION SUPERVISORY			●	●			●	●				●										18							
15	FIRE SUPPRESSION ALARM	●	●					●	●	●		●				●				●		●	19							
15	FIRE SUPPRESSION TROUBLE					●	●	●	●					●									20							
15	FIRE SUPPRESSION SUPERVISORY			●	●			●	●				●										21							
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	U	V	W	X								

REVISION 0	SUBMITTAL	DATE:	12/20/2015
CAUSE AND EFFECT MATRIX			
PROJECT NAME **PARK DANFORTH** 777 STEVENS AVENUE PORTLAND, MAINE 04103		SCALE NONE BY: JRS CK BY:	
NORRIS INC Prepared For Tomorrow; Delivered Today 2257 BROADWAY, So PORTLAND, MAINE		SAVED AS:	