Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 01/12/15

SYSTEM OUTPUTS

		CONTROL UNIT ACTIVATION														NOTIFICATION							REQUIRED FIRE SAFETY CONTROL							
	SYSTEM INPUTS	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	RECALL ELEVATORS TO PRIMARY RECALL FLOOR	RECALL ELEVATORS TO ALTERNATE RECALL FLOOR	SIGNAL BUILDING FIRE SHUTTERS	SHUTDOWN POWER TO ELEVATOR	SIGNAL THE AIR HANDLERS TO SHUTDOWN	DE-ENERGIZE FIRE DOOR HOLDERS	DISCONNECT FUEL SOURCE TO COOKING EQUIPMENT								
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							
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	U	V	W	X	16							

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