

MATRIX – SPRINKLED OFFICE BUILDING 6 6 STORIES OR LESS

FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX

SYSTEM OUTPUTS

SYSTEM INPUTS		SYSTEM OUTPUTS																												
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z			
1	FIRE ALARM SYSTEM AC POWER FAILURE					■	■																						1	
2	FIRE ALARM SYSTEM LOW BATTERY					■	■																							2
3	OPEN CIRCUIT					■	■																							3
4	GROUND FAULT					■	■																							4
5	NOTIFICATION APPLIANCE CIRCUIT SHORT					■	■																							5
6	BUILDING MANUAL PULL STATIONS	■	■					■	■	■	■					■									■					6
7	CORRIDOR SMOKE DETECTORS	■	■					■	■	■	■					■	■								■					7
8	AREA SMOKE DETECTORS	■	■					■	■	■	■					■	■								■					8
9	HVAC AIR DUCT SMOKE DETECTORS			■	■			■				■												■						9
10	SPRINKLER TAMPER SWITCH			■	■							■																		10
11	SPRINKLER WATER FLOW IN BUILDING	■	■					■	■	■	■					■	■								■					11
12	SPRINKLER WATER FLOW IN ELEV EQUIP RM OR SHAFT	■	■					■	■	■	■					■	■							■	■	■				12
13	ELEV EQUIP RM AREA SMOKE DETECTOR	■	■					■	■	■	■					■	■							■						13
14	ELEV SHAFT AND ELEV EQUIP RM HEAT DETECTORS	■	■					■	■	■	■					■	■							■	■	■				14
15	ELEV LOBBY SMOKE DETECTORS – UPPER FLOORS	■	■					■	■	■	■					■	■							■						15
16	ELEV LOBBY SMOKE DETECTOR – RECALL FLOOR	■	■					■	■	■	■					■		■	■					■						16
17	ELEV CONTROLLER POWER SHUNT TRIP STATUS			■	■			■				■																		17
18	FIRE PUMP POWER FAILURE/PHASE REVERSAL			■	■			■				■																		18
19	FIRE PUMP RUNNING			■	■					■																				19
20	FIRE PUMP SYSTEM NOT IN AUTOMATIC			■	■							■																		20
21	CARBON MONOXIDE									■				■																21
22	-																													22
23	-																													23
24																														24
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