

# MATRIX – ASSISTED LIVING FACILITY

FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX		SYSTEM OUTPUTS																			
		FACP ANNUNCIATION					NOTIFICATION					REQUIRED FIRE SAFETY CONTROL									
SYSTEM INPUTS		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
		1	FIRE ALARM SYSTEM AC POWER FAILURE			■	■								■						
2	FIRE ALARM SYSTEM LOW BATTERY					■	■						■								
3	OPEN CIRCUIT					■	■						■								
4	GROUND FAULT					■	■						■								
5	NOTIFICATION APPLIANCE CIRCUIT SHORT					■	■						■								
6	BUILDING MANUAL PULL STATIONS	■	■					■	■	■	■			■		■					
7	CORRIDOR SMOKE DETECTORS	■	■					■	■	■	■			■	■	■					
8	AREA SMOKE DETECTORS	■	■					■	■	■	■			■	■	■					
9	HVAC AIR DUCT SMOKE DETECTORS			■	■			■				■					■				
10	AREA HEAT DETECTORS	■	■					■	■	■	■			■	■	■					
11	HOOD OR ROOM FIRE SUPPRESSION SYSTEM ALARM	■	■					■	■	■	■			■	■	■					
12	SPRINKLER TAMPER SWITCH			■	■			■				■									
13	SPRINKLER WATER FLOW IN BUILDING	■	■					■	■	■	■			■	■	■					
14	SPRINKLER WATER FLOW IN ELEV EQUIP RM OR SHAFT	■	■					■	■	■	■			■	■	■					
15	FIRE PUMP POWER FAILURE/PHASE REVERSAL			■	■			■				■									
16	FIRE PUMP RUNNING	■	■					■	■	■	■			■	■	■					
17	FIRE PUMP SYSTEM NOT IN AUTOMATIC			■	■			■				■									
18	LEGALLY REQUIRED GENERATOR SYSTEM LOW FUEL			■	■			■				■									
19	LEGALLY REQUIRED GENERATOR NOT IN AUTOMATIC			■	■			■				■									
20	-																				
21	-																				