

OVERALL MATRIX

SCOPE OF PROJECT SHALL MATCH AS BELOW

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	U	V	W	X	Y	Z	
		1	FIRE ALARM SYSTEM AC POWER FAILURE																									
2	FIRE ALARM SYSTEM LOW BATTERY																											2
3	OPEN CIRCUIT																											3
4	GROUND FAULT																											4
5	APPLIANCE OPEN/GROUND SHORT																											5
6	BUILDING MANUAL PULL STATIONS																											6
7	CORRIDOR SMOKE DETECTORS																											7
8	AREA SMOKE DETECTORS																											8
9	HVAC AIR DUCT SMOKE DETECTORS (IF APPLICABLE)																											9
10	AREA HEAT DETECTORS																											10
11	HOOD FIRE SUPPRESSION SYSTEM ALARM																											11
12	SPRINKLER TAMPER SWITCH																											12
13	SPRINKLER WATER FLOW IN BUILDING																											13
14	SPRINKLER WATER FLOW IN ELEV EQUIP RM OR SHAFT																											14
15	SPRINKLER DRY PIPE SYSTEM LOW/HIGH PRESSURE																											15
16	ELEV EQUIP RM AREA SMOKE DETECTOR																											16
17	ELEV SHAFT AND ELEV EQUIP RM HEAT DETECTORS																											17
18	ELEV LOBBY SMOKE DETECTORS - ALTERNATE FLOORS																											18
19	ELEV LOBBY SMOKE DETECTOR - PRIMARY FLOOR																											19
20	ELEV CONTROLLER POWER SHUNT TRIP STATUS																											20
21	FIRE PUMP POWER FAILURE/PHASE REVERSAL																											21
22	FIRE PUMP RUNNING																											22
23	FIRE PUMP SYSTEM NOT IN AUTOMATIC																											23
24	GENERATOR SYSTEM LOW FUEL																											24
25	GENERATOR NOT IN AUTOMATIC																											25
26	EMER. RESPONDER RADIO COMM. SYSTEM FAULT																											26
27	CARBON MONOXIDE DETECTORS																											27
28	ROOM FIRE SUPPRESSION SYSTEM ALARM																											28
29	DWELLING UNIT SMOKE DETECTIOS (R-1, R-2)																											29
30	ALTERNATIVE SYSTEM ALARM																											30
31																												31
32																												32
33																												33
34																												34