

**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	
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 SPRINKLER TAMPER SWITCH																										
11 SPRINKLER WATER FLOW IN BUILDING																										
12 SPRINKLER WATER FLOW IN ELEV EQUIP RM OR SHAFT																										
13 SPRINKLER RM AREA SMOKE DETECTOR																										
14 ELEV SHAFT AND ELEV EQUIP RM HEAT DETECTORS																										
15 ELEV LOBBY SMOKE DETECTORS - UPPER FLOORS																										
16 ELEV LOBBY SMOKE DETECTOR - RECALL FLOOR																										
17 ELEV LOBBY SMOKE DETECTOR - RECALL FLOOR																										
18 ELEV LOBBY SMOKE DETECTOR - RECALL FLOOR																										
19 FIRE PUMP POWER FAILURE/PHASE REVERSAL																										
20 FIRE PUMP RUNNING																										
21 FIRE PUMP SYSTEM NOT IN AUTOMATIC																										
22 AREA OF REFUGE TWO-WAY COMMUNICATIONS STATUS																										
23 -																										
24 -																										
25 -																										
26 -																										
27 -																										

**MATRIX - SPRINKLERED OFFICE BUILDING
NOT HIGH RISE**

FIRE PROTECTION

Detail FP-31D

Town of Hope Mills, North Carolina

February 28, 2015 Original

