

Hillingdon 3 Storey, 54 Bed Decant Wards and ICU

Interaction with existing Fire Detection and Alarm Zones

		Sounds in this Zone							Effect			Output																						
		Zone 234	Zone 95	Zone 1	Zone 2	Zone 3	Zone 4 (Lift / Stairwell)	Zone 5 (Stairwell)	Zone 327	Zone 328	Zone 6 (Riser Shaft)	Zone 7	Zone 8	Zone 9	Zone 10	Zone 11	Zone 12	Zone 13	Indicates on main fire alarm and repeater panels	Transmits signal to main hospital system	Door hold open devices to enclose Ground floor release	Door hold open devices to enclose First floor release	Door hold open devices to enclose Second floor release	Access control doors to Ground floor release	Access control doors to First floor release	Access control doors to Second floor release	Fire dampers and AHU serving Ground floor close / shut down	Fire dampers and AHU serving First floor close / shut down	Fire dampers and AHU serving Second floor close / shut down	AOV to Stair and Lifts (Zone 4) Opens	AOV to Stair (Zone 5) Opens	Escape lifts return to ground floor (or alternate) until bought back into service by the evacuation control switch		
Fire detected in this zone	Ground floor	Zone 234	E		A														✓	✓	✓													
		Zone 95		E				A											✓	✓														
		Zone 1	A		E	A					A	A							✓	✓	✓			✓										
		Zone 2			A	E	A				A	A							✓	✓	✓			✓										
		Zone 3				A	E		A						A				✓	✓	✓			✓										
		Zone 4 (Lift / Stairwell)		A				E			A	A							✓	✓				✓							✓		✓	
		Zone 5 (Stairwell)					A		E		A				A				✓	✓										✓				
	First Floor	Zone 327								E	A		A							✓	✓		✓			✓								
		Zone 328								A	E						A			✓	✓		✓										A	
		Zone 6 (Riser shaft)										E	A							✓	✓									✓			✓	
		Zone 7				A				A			E	A					A	✓	✓		✓					X						
		Zone 8				A						A	E	A			A	A		✓	✓		✓					X						
		Zone 9					A							A	E	A		A		✓	✓		✓					X						
Zone 10							A							A	E			✓	✓		✓					X								
Second Floor	Zone 11							A			A	A				E	A		✓	✓			✓			✓			✓					
	Zone 12										A	A				A	E	A	✓	✓		✓			✓			✓						
	Zone 13														A		A	E	✓	✓		✓			✓			✓						

E

 Evacuate

A

 Alert

✓

 Output

X

 HTM 05-02 paras 2.28 & 3.67 states that HVAC systems to VHD areas should not automatically shut down in a fire emergency