

Job Name: Grenfell Tower, North Kensington
 Project Number: 75015AG1 Rev 04
 Issue Date: 03/02/2016

KEY
 o = Operated
 x = not operated

Fans And Damper Operation

		Dampers																								AOV			
		Ground Floor		Floor 01		Floor 02		Floor 03		Floor 04		Floor 05		Floor 06		Floor 07		Floor 08		Floor 09		Floor 10		Floor 11		Floor 12		Community Room	Boxing Club
LEVEL	Fire Zone	SD01	SD02	SD03	SD04	SD05	SD06	SD07	SD08	SD09	SD10	SD11	SD12	SD13	SD14	SD15	SD16	SD17	SD18	SD19	SD20	SD21	SD22	SD23	SD24	SD25	SD26	AOV1	AOV2
Ground floor	SDE01	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	SDE25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 01	SDE02	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	SDE03	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 02	SDE26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O
	SDE34	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 03	SDE05	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 04	SDE06	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 05	SDE07	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 06	SDE08	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 07	SDE09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X
Floor 08	SDE10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X
Floor 09	SDE11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X
Floor 10	SDE12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X
Floor 11	SDE13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X
Floor 12	SDE14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X
Floor 13	SDE15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 14	SDE16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 15	SDE17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 16	SDE18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 17	SDE19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 18	SDE20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 19	SDE21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 20	SDE22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 21	SDE23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 22	SDE24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 23	ENVIRONMENTAL	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

		Dampers																				Fans						
		Floor 13		Floor 14		Floor 15		Floor 16		Floor 17		Floor 18		Floor 19		Floor 20		Floor 21		Floor 22		Floor 23		Floor 02		Roof		
LEVEL	Fire Zone	SD27	SD28	SD29	SD30	SD31	SD32	SD33	SD34	SD35	SD36	SD37	SD38	SD39	SD40	SD41	SD42	SD43	SD44	SD45	SD46	SD47	SD48	MF1	BF1	EF1	MF2	BF2
Ground floor	SDE01	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
	SDE25	x	x	x	x	x	x	x	x	xx	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 01	SDE02	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
	SDE26	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 02	SDE03	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 03	SDE04	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 04	SDE05	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 05	SDE06	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 06	SDE07	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 07	SDE08	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 08	SDE09	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 09	SDE10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 10	SDE11	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 11	SDE12	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 12	SDE13	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 13	SDE14	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 14	SDE15	x	x	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 15	SDE16	x	x	x	x	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 16	SDE17	x	x	x	x	x	x	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 17	SDE18	x	x	x	x	x	x	x	x	o	o	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 18	SDE19	x	x	x	x	x	x	x	x	x	x	o	o	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 19	SDE20	x	x	x	x	x	x	x	x	x	x	x	o	o	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 20	SDE21	x	x	x	x	x	x	x	x	x	x	x	x	x	o	o	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 21	SDE22	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	o	o	x	x	x	x	x	100%	100%	x	100%	100%
Floor 22	SDE23	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	o	o	x	x	x	x	100%	100%	x	100%	100%
Floor 23	SDE24	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
	ENVIRONMENTAL	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	x	x	o	100%	100%

- Notes:
- 1 Allow BMS fault signal
 - 2 Standard Override switch i.e. Auto/On to activate the same equipment as a Fire Zone
 - 3 Standard operation of fans by pressure differential switches. i.e. High and low speed based upon open/closed doors
 - 4 Shut Off Damper (COB) is open when the fan is running and closed when the fan has stopped.
 - 5 Standard Auto-changeover on duty fan failure
 - 6 Contacts to provide signal that mains power has been lost to signal standby power supply
 - 7 Backup Fan (BF) to Stand-by until Main Fan (MF) fault occurs, then operate at speed set in a table

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Fans And Damper Operation

		Dampers																										AOV	
		Ground Floor		Floor 01		Floor 02		Floor 03		Floor 04		Floor 05		Floor 06		Floor 07		Floor 08		Floor 09		Floor 10		Floor 11		Floor 12		Community Room	Boxing Club
LEVEL	Fire Zone	SD01	SD02	SD03	SD04	SD05	SD06	SD07	SD08	SD09	SD10	SD11	SD12	SD13	SD14	SD15	SD16	SD17	SD18	SD19	SD20	SD21	SD22	SD23	SD24	SD25	SD26	AOV1	AOV2
Ground Floor	SDE01	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	SDE25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 01	SDE02	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	X
Floor 02	SDE03	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	SDE26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O
Floor 03	SDE04	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 04	SDE05	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 05	SDE06	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 06	SDE07	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 07	SDE08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X
Floor 08	SDE09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X
Floor 09	SDE10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X
Floor 10	SDE11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X
Floor 11	SDE12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X
Floor 12	SDE13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X
Floor 13	SDE14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 14	SDE15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 15	SDE16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 16	SDE17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 17	SDE18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 18	SDE19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 19	SDE20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 20	SDE21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 21	SDE22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 22	SDE23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Floor 23	SDE24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	ENVIRONMENTAL	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

		Dampers																		Fans								
		Floor 13		Floor 14		Floor 15		Floor 16		Floor 17		Floor 18		Floor 19		Floor 20		Floor 21		Floor 22		Floor 23		Floor 02		Roof		
LEVEL	Fire Zone	SD27	SD28	SD29	SD30	SD31	SD32	SD33	SD34	SD35	SD36	SD37	SD38	SD39	SD40	SD41	SD42	SD43	SD44	SD45	SD46	SD47	SD48	MF1	BF1	EF1	MF2	BF2
Ground Floor	SDE01	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
	SDE25	x	x	x	x	x	x	x	x	xx	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 01	SDE02	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
	SDE26	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 02	SDE03	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 03	SDE04	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 04	SDE05	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 05	SDE06	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 06	SDE07	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 07	SDE08	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 08	SDE09	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 09	SDE10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 10	SDE11	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 11	SDE12	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 12	SDE13	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 13	SDE14	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 14	SDE15	x	x	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 15	SDE16	x	x	x	x	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 16	SDE17	x	x	x	x	x	x	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 17	SDE18	x	x	x	x	x	x	x	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 18	SDE19	x	x	x	x	x	x	x	x	x	o	o	x	x	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 19	SDE20	x	x	x	x	x	x	x	x	x	x	x	o	o	x	x	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 20	SDE21	x	x	x	x	x	x	x	x	x	x	x	x	x	o	o	x	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 21	SDE22	x	x	x	x	x	x	x	x	x	x	x	x	x	x	o	o	x	x	x	x	x	x	100%	100%	x	100%	100%
Floor 22	SDE23	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	o	o	x	x	x	x	x	100%	100%	x	100%	100%
Floor 23	SDE24	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	o	o	100%	100%	x	100%	100%
	ENVIRONMENTAL	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	x	x	o	100%	100%

Notes: This chart is to be read in conjunction with our schematic drawing:
 1 Allow BMS fault signal
 2 Standard Override switch i.e. Auto/On to activate the same equipment as a Fire Zone
 3 Standard operation of fans by pressure differential switches. i.e. High and low speed based upon open/closed doors
 4 Shut Off Damper (COD) is open when the fan is running and closed when the fan has stopped.
 5 Standard Auto-changeover on duty fan failure
 6 Contacts to provide signal that mains power has been lost to signal standby power supply
 7 Backup Fan (BF) to Stand-by until Main Fan (MF) fault occurs, then operate at speed set in a table

Job Name: Grenfell Tower, North Kensington
 Project Number: 75015AG1 Rev 04
 Issue Date: 03/02/2016

KEY
 o = Operated
 x = not operated

Fans And Damper Operation

		Dampers																								AOV			
LEVEL	Fire Zone	Ground Floor		Floor 01		Floor 02		Floor 03		Floor 04		Floor 05		Floor 06		Floor 07		Floor 08		Floor 09		Floor 10		Floor 11		Floor 12		Community Room	Boxing Club
		SD01	SD02	SD03	SD04	SD05	SD06	SD07	SD08	SD09	SD10	SD11	SD12	SD13	SD14	SD15	SD16	SD17	SD18	SD19	SD20	SD21	SD22	SD23	SD24	SD25	SD26	AD01	AD02
Ground Floor	Fire Zone	SD011	SD025																										
Floor 01	Fire Zone	SD0E2																											
Floor 02	Fire Zone	SD0B3																											
Floor 03	Fire Zone	SD0E6																											
Floor 04	Fire Zone	SD0E4																											
Floor 05	Fire Zone	SD0B5																											
Floor 06	Fire Zone	SD0E6																											
Floor 07	Fire Zone	SD007																											
Floor 08	Fire Zone	SD0E8																											
Floor 09	Fire Zone	SD0E9																											
Floor 10	Fire Zone	SD0E11																											
Floor 11	Fire Zone	SD0E12																											
Floor 12	Fire Zone	SD0E13																											
Floor 13	Fire Zone	SD0E14																											
Floor 14	Fire Zone	SD0E15																											
Floor 15	Fire Zone	SD0E16																											
Floor 16	Fire Zone	SD0E17																											
Floor 17	Fire Zone	SD0E18																											
Floor 18	Fire Zone	SD0E19																											
Floor 19	Fire Zone	SD0E20																											
Floor 20	Fire Zone	SD0E21																											
Floor 21	Fire Zone	SD0E22																											
Floor 22	Fire Zone	SD0E23																											
Floor 23	Fire Zone	SD0E24																											
	ENVIRONMENTAL																												

LEVEL	Fire Zone	Dampers																Fans				Road	
		Floor 13	Floor 14	Floor 15	Floor 16	Floor 17	Floor 18	Floor 19	Floor 20	Floor 21	Floor 22	Floor 23	Floor 24	Floor 25	Floor 26	Floor 27	Floor 28	MF1	MF2	MF3	MF4	MF5	MF6
Ground floor	Fire Zone	SD27	SD28	SD29	SD30	SD31	SD32	SD33	SD34	SD35	SD36	SD37	SD38	SD39	SD40	SD41	SD42	SD43	SD44	SD45	SD46	SD47	SD48
Ground floor	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 01	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 02	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 03	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 04	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 05	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 06	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 07	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 08	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 09	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 10	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 11	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 12	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 13	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 14	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 15	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 16	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 17	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 18	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 19	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 20	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 21	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 22	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Floor 23	Fire Zone	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
ENVIRONMENTAL	Fire Zone	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o

Notes:
 1. This chart is to be read in conjunction with our schematic drawings:
 2. Allow DMS fault signal
 3. Standard Override switch i.e. Auto/On to activate the same equipment as a Fire Zone
 4. Standard operation of fans by pressure differential switches, i.e. High and low speed based upon open/closed doors
 5. Shut Off Damper (SOD) is open when the fan is running and closed when the fan has stopped.
 6. Standard Auto-shut-power on if any fan failure
 7. Contacts to provide signal that mains power has been lost to signal standby power supply
 8. Backup Fan (BF) to Stand-by until Main Fan (MF) fault occurs, then operate at speed set in a table

KEY
o = Operated
x = not operated

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Notes: This chart is to be read in conjunction with our schematic drawings:

- 1 Allow RMS fault signal
- 2 Standard Overvoltage switch is a Auto/On to activate the same equipment as a Fire Zone
- 3 Standard operation of fans by pressure differential switch, i.e. High and low speed based upon pressurized doors
- 4 Shut Off Damper (CDD) is open when the fan is running and closed when the fan has stopped.
- 5 Standard Auto-changover on duty fan failure
- 6 Contacts to provide signal that mains power has been lost to signal standby power supply
- 7 Backup Fan (BF) to Stand by unit Main Fan (MF) fault condition, these operate at speed up to a turbo