

FCSA	
DRIV	Dry Riser Inlet Valve
DRLV	Dry Riser Landing Valve
FIB	Foam Inlet Box
FAP	Fire Alarm Panel - Main
FARP	Fire Alarm Panel - Repeater
MAIN	Emergency Telephone - Main Unit
FIRE	Emergency Telephone - Fire Brigade Use
LH	Emergency Telephone - Lift Handset
DR	Emergency Telephone - Disabled Refuge
DR	Disabled Refuge - Min Dims 1,400mm x 900mm
	Emergency Hold Open Device
FE	Final Exit
SE	Storey Exit
	Travel distance (Direct Travel Distance in brackets)
	Exit Signage (Arrow Designating Direction of Escape)
<p>Width of a doorway:- is the clear width when the door or doors are open.</p> <p>Width of Escape Route:- is the width at 1500mm above floor level when defined by walls (handrails fixed to walls which do not intrude more than 100mm into this width may be ignored) or elsewhere the minimum width of passage available between any fixed obstructions.</p> <p>Width of a Stairway:- is the clear width between the walls or balustrades, (strings and handrails intruding not more than 30mm and 300mm respectively may be ignored).</p> <p>Emergency lighting shall be designed, installed and maintained in accordance with IS 3217.</p> <p>The building will be provided with a L3 automatic fire detection and alarm system, to be designed, installed and maintained in accordance with IS 3218.</p>	

FIRE RESISTANCE	
	Fire resisting doorset achieving 240 minutes fire resistance (integrity only) in accordance with EN 1634, Parts 1-3. Doors fitted with smoke seals to achieve a leakage rate not exceeding 3m3/m/hour (head and jams) when tested at 25 Pa.
	Fire resisting doorset achieving 120 minutes fire resistance (integrity only) in accordance with EN 1634, Parts 1-3. Doors fitted with smoke seals to achieve a leakage rate not exceeding 3m3/m/hour (head and jams) when tested at 25 Pa.
	Fire resisting doorset achieving 90 minutes fire resistance (integrity only) in accordance with EN 1634, Parts 1-3. Doors fitted with smoke seals to achieve a leakage rate not exceeding 3m3/m/hour (head and jams) when tested at 25 Pa.
	Fire resisting doorset achieving 60 minutes fire resistance (integrity only) in accordance with EN 1634, Parts 1-3. Doors fitted with smoke seals to achieve a leakage rate not exceeding 3m3/m/hour (head and jams) when tested at 25 Pa.
	Fire resisting doorset achieving 30 minutes fire resistance (integrity only) in accordance with EN 1634, Parts 1-3. Doors fitted with smoke seals to achieve a leakage rate not exceeding 3m3/m/hour (head and jams) when tested at 25 Pa.
	Fire resisting doorset achieving 60 minutes fire resistance (integrity only) in accordance with EN 1634, Parts 1-3.
	Fire resisting doorset achieving 30 minutes fire resistance (integrity only) in accordance with EN 1634, Parts 1-3.
	Fire resisting lift doors achieving 60 minutes fire resistance (integrity only) in accordance with EN 81-58 From Landing Side only. If machine roomless lift is installed, doors to be fitted with smoke seals.
	Fire resisting lift doors achieving 30 minutes fire resistance (integrity only) in accordance with EN 81-58 - From Landing Side only. If machine roomless lift is installed, doors to be fitted with smoke seals.
<p>The fire doors and fire ratings noted refers to the whole door assembly including, door leaf, frame, ironmongery etc. required to achieve the fire ratings when tested in accordance with EN 1634, Parts 1-3.</p> <p>Fire doors shall be fitted with automatic self closing devices capable of closing the door from any angle and against any latch fitted to the door.</p> <p>Cavity Barriers: shall be fitted to and within voids in construction and to openings around doors/windows or other penetrations to provide a fire resistance in accordance with TGD'B', Table A1 providing 30 minute Integrity / 15mins Insulation, constructed in accordance with Clause 3.3.4 and at distance no more than Table 3.3.</p>	

FIRE RESISTANCE	
	Compartment wall/floor achieving 240 minutes fire resistance (stability, integrity and insulation) in accordance with BS476: Parts 8, 20-24. Fire rated partitions to extend full height to underside of floor slabs.
	Compartment wall/floor achieving 120 minutes fire resistance (stability, integrity and insulation) in accordance with BS476: Parts 8, 20-24. Fire rated partitions to extend full height to underside of floor slabs.
	Compartment wall/floor achieving 90 minutes fire resistance (stability, integrity and insulation) in accordance with BS476: Parts 8, 20-24. Fire rated partitions to extend full height to underside of floor slabs.
	Compartment wall/floor achieving 60 minutes fire resistance (stability, integrity and insulation) in accordance with BS476: Parts 8, 20-24. Fire rated partitions to extend full height to underside of floor slabs.
	Compartment wall/floor achieving 30 minutes fire resistance (stability, integrity and insulation) in accordance with BS476: Parts 8, 20-24. Fire rated partitions to extend full height to underside of floor slabs.
	Smoke Curtain (Integrity Only)
	Fire Curtain (Coloured to Identify Rating)
	Fire Shutter (Coloured to Identify Rating)

FIRE EXTINGUISHERS	
	6 litre AFFF
	6kg Dry Powder
	5kg CO <sub>2</sub>
	Fire Blanket
<p>Fire extinguishers will be provided to the requirements of IS EN 3-7 and IS 291.</p>	

Notated dimensions and/or levels to be used only. All dimensions and/or levels must be site checked by the Contractor prior to commencing any construction work. Any discrepancies must be reported to the Engineer. No assumptions are to be made regarding this drawing.

IMPORTANT : DO NOT SCALE FROM THIS DRAWING

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**NOTE**

1. This drawing to be read in conjunction with all other fire strategy drawings and documents.
2. All dimensions in mm and show minimum required widths.

ref	by	chk	date	revision			
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Drg Status <b>PRELIMINARY</b>							
Architect <b>BLACKWOOD ASSOCIATES</b>							
Contract <b>COIS ABHANN LIFFEY VALE BIODIVERSITY CENTRE</b>							
Title <b>FIRE SAFETY CERTIFICATE APPLICATION LEGEND</b>							
Drn	ADC	Date	SEPT 2020	Chk	DGA	Date	
Scale	NTS (or as shown)			Current Rev	P1		
JOB No. <b>3365</b>							
DRG. No. <b>F[58]-010</b>							