



1 L-01 - LOWER GROUND FLOOR PLAN
1 : 200

LEGEND

- Site Boundary
- Compartment wall/floor achieving 240 minutes fire resistance rating (stability, integrity and insulation) in accordance with BS 476 : Part 8/20-24 (or REI240 rating when tested to the relevant European standard and subject to the method of exposure set out in Table A1 of the Technical Guidance Document B 2020 and in the case of a wall is to extend full storey height).
- Compartment wall/floor achieving 120 minutes fire resistance rating (stability, integrity and insulation) in accordance with BS 476 : Part 8/20-24 (or REI120 rating when tested to the relevant European standard and subject to the method of exposure set out in Table A1 of the Technical Guidance Document B 2020 and in the case of a wall is to extend full storey height).
- Compartment wall/floor achieving 60 minutes fire resistance rating (stability, integrity and insulation) in accordance with BS 476 : Part 8/20-24 (or REI60 rating when tested to the relevant European standard and subject to the method of exposure set out in Table A1 of the Technical Guidance Document B 2020 and in the case of a wall is to extend full storey height).
- Fire resisting wall/partition achieving 30 minutes fire resistance rating (stability, integrity and insulation) in accordance with BS476 : Part 8/20-24 and relevant recommendations of Appendix A of Technical Guidance Document B with uninsulated glazed elements confined to the locations identified in Table A4 of Technical Guidance Document B except in the case of apartments where the limits in Table 1 of BS9991:2011 Part 1 : 1990 are to apply instead. Fire rated wall/partitions to be either:
 - (i) carried up above ceiling level or down below raised access floors to the soffit/top of the floor construction or the roof soffit level as appropriate or
 - (ii) cavity barriers are to be installed in the ceiling void or underfloor void on the line of fire rated partitions or
 - (iii) ceiling is to be constructed, throughout the compartment, to a specification achieving 30 minutes fire resistance rating (integrity and insulation) in accordance with Item 17 of Table A1 of Technical Guidance Document B.
- Fire resisting doorset to have not less than 60 minutes integrity rating in accordance with BS476: Part 8/20-22 or E60 rating when tested in accordance with the relevant European standard. The doorset to be fitted with cold smoke seals achieving a leakage rate not exceeding 3m²/m²hour (head and jambs) when tested at 25Pa under BS 476 : Section 31.1 or achieve an Sa classification when tested to I.S. EN 1634-3:2004. Doorset to be fitted with an automatic self closing door which is capable of closing the door from any angle and against any latch fitted to the door.
- Fire resisting doorset to have not less than 30 minutes integrity rating in accordance with BS476: Part 8/20-22 or E30 rating when tested in accordance with the relevant European standard. The doorset to be fitted with cold smoke seals achieving a leakage rate not exceeding 3m²/m²hour (head and jambs) when tested at 25Pa under BS 476 : Section 31.1 or achieve an Sa classification when tested to I.S. EN 1634-3:2004. Doorset to be fitted with an automatic self closing door which is capable of closing the door from any angle and against any latch fitted to the door.
- Fire resisting doorset to have not less than 60 minutes integrity and insulation rating in accordance with BS476: Part 8/20-22 or E60 rating when tested in accordance with the relevant European standard. The doorset to be fitted with cold smoke seals achieving a leakage rate not exceeding 3m²/m²hour (head and jambs) when tested at 25Pa under BS 476 : Section 31.1 or achieve an Sa classification when tested to I.S. EN 1634-3:2004. Doorset to be fitted with an automatic self closing door which is capable of closing the door from any angle and against any latch fitted to the door.
- Fire resisting lift landing door achieving not less than 30 minutes integrity rating in accordance with BS 476: Part 8/20-22.
- Disabled refuge space (min 1400mmx900mm) in accordance with BS 9999.
- Dimensions refer to:
 - a) minimum aggregate operable clear width of doors; or
 - b) width of corridor measured between finished surface of walls or other-fixed obstructions (such as protruding columns) at shoulder level, subject to handrails not intruding more than 100mm or skirtings not intruding more than 30mm into the measured width;
 - c) clear width of stairway measured between walls or balustrades subject to handrails intruding not more than 100mm or stringers not intruding more than 30mm into the clear width.
- Indicates designated exits / direction of escape.
- Travel Distance in meters.
- FFL Firefighting lift conforming with relevant recommendations of BS 9999 and BS EN 81-72:2020. The lift car shall be a minimum size of 1100mm wide by 1400mm deep with a rated load of 630kg. The method of rescue of fire-fighters should they become trapped in the lift car is assumed to form outside the car using the fire services portable ladders.
- WRLV Landing valve on wet rising fire main conforming with IS 391 : 2020.
- AOV(x²) Automatically opening vent having a free area of not less than "x" m².
- Riser fire stopped at floor level to rating of the floor.
- Shading denotes area outside the scope of this application.
- Mechanically Ventilated Smoke Shaft.
- 1.8m separation distance from main kitchen cooking appliance.
- Fire Brigade vehicle access.

- This drawing is to read in conjunction with Michael Slattery Associates Compliance Report.
- It is noted that this drawing does not indicate the fire protection of service ducts. For the options in relation to same refer Section 2.3 of Michael Slattery & Associates Compliance Report.

FSC Application

A	MINOR AMENDMENTS		15.05.2024
REV.	DESCRIPTION		DATE
MSA Michael Slattery Associates Fire Safety Engineers www.msa.ie 19 Windsor Place Lower Pembroke Place Dublin 2, Ireland Tel: +353(1)6765713 Fax: +353(1)6785247			
PROJECT THE RAILYARD, ALBERT QUAY FIRE SAFETY CERTIFICATE			
TITLE LOWER GROUND FLOOR PLAN LEVEL -01			
SCALE	1:200 @ AI	JOB NO	18446-3
DATE	11.03.2024	DWG NO	18446-3-004-FSC
CHECKED BY		REV	A