



NOTE:

- Proposals must comply with all acoustic, fire, Building Regulation requirements.
- No dimensions are to be scaled from this drawing. The contractor is responsible for checking all dimensions on site.

Fire Evacuation Key	
	Existing wall to achieve min 30 minute fire rating (suitability of wall to be confirmed on site by Pure Gym Main Contractor)
	Existing wall to achieve min 60 minute fire rating (suitability of wall to be confirmed on site by Pure Gym Main Contractor)
	New wall to achieve min of 30min fire rating
	New wall to achieve min of 60min fire rating
	Protected areas: walls, floors, ceilings and doors to achieve 30minute fire resistant construction.
	Protected areas: walls, floors, ceilings and doors to achieve 60 minute fire resistant construction.

Fire Escape Route	
	Minimum Clear Widths
	Exit No.
	Shared Escape Route

Escape Route Widths:
 In line with Sections 3.21 & 3.22 of 'Approved Document Part B, Volume 2 – buildings other than dwellings' – the adjacent calculations provide justification for the clear opening widths for escape from each floor level/ room in accordance with Table 4 & Appendix C.

Ground Floor:
 Exit 1 is limited by Exit 1A Clear Opening Width = 1250mm (allows 110 persons to escape, largest opening to be discounted)
 Exit 2 is limited by Exit 2 Clear Opening Width = 1065mm (allows 223 persons to escape)
 Exit 3 is limited by Exit 3A Clear Opening Width = 1065mm (allows 223 persons to escape)

Total Aggregate Width for Floor (Less Largest Opening Width of 1608mm from Exit 4) = 1065mm from GF Fire Exit 2
 Ground Floor Total Estimated Occupancy Capacity = 349 Persons

Exits 1 & 3 provide a min. width of 2130mm and would allow a max. No. of 446 persons to escape, which is larger than the total estimated occupancy capacity of 349 Persons and is therefore thought to meet with the Approved Document Part B.

Sprinklers
 System design and installed in compliance with BS EN 12845:2015 & LPC Technical Bulletins

Fire Alarm
 Fire Alarm designed and installed to BS 5839. Smoke & heat detection / emergency lighting by specialist. Please refer to M&E engineer's drawings / specifications.

Escape Lighting
 Emergency escape lighting designed and installed in accordance with BS 5266: Part 1. Please refer to M&E Engineer's drawings for final layout and specification.

Smoke Extract
 Smoke Extract System to be designed and installed in accordance with BS 7346: Part 8. Please refer to M&E Engineer's drawings for final layout and specification.

Escape Signage and emergency lighting is CDP under the M&E specification. Details of contractors proposals to be provided to Building Control Approved Inspector and Fire Officer within the Contractors Proposals Package, Clause 1.4

Rev	Date	Description	Drawn/Checked

Stratford Threadneedle Broadway, London, E15 1NG		Fire Evacuation Plan Ground and First Floor Plans	
SK/NA	22.09.22	SCALE 1:100 @ A1	JOB No. 0428
DRAWN/CHECKED	DATE	SCALE	DRAWING No. 003-FEP
CONSTRUCTION			C04

Pure Gym Ltd
 Town Centre House
 The Merrion Centre
 Leeds
 LS2 8LY

www.puregym.com