



Fire Evacuation Key

- 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 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.

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 2 Clear Opening Width = 1050mm Min (allows 220 persons to escape)
 Exit 3 Clear Opening Width = 850mm Min (largest opening to be discounted)

Total Aggregate Width for Floor (Less Largest Opening Width of 1050mm from Exit 2) = 1050mm
 Ground Floor Total Estimated Occupancy Capacity = 170 Persons

Exit 2 provides a min. width of 1050mm and would allow a max. No. of 220 persons to escape, which is larger than the total estimated occupancy capacity of 170 Persons and is therefore thought to meet with the Approved Document Part B.

Mezzanine Floor (escape in one direction)
 Exit 4 Clear Opening Width = 850mm Min (allows 110 persons to escape)

Exit 4 provides a min. width of 850mm and would allow a max. No. of 110 persons to escape, which is larger than the total estimated occupancy capacity of 44 persons and is therefore thought to meet with the Approved Document Part B, the escape is within 8m of the furthest point on that floor.

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

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 lighted 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.

Rev	Date	Description	Drawn/	Checked

Weston Favell
 Units 4/14, Weston Favell Access Centre, Wallingborough Rd, Northampton, NN3 8JZ

Means of Escape Plan

DRAWN / CHECKED	DATE	SCALE	JOB No.	DRAWING No.
EK/PG	20.06.19	1:100 @ A1	2091	003-MOE

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