



**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.
- 30 Occupancy level within area
- ▶ Fire Escape Route
- ↔ Minimum Clear Widths
- 0 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 dwellinghouses' - 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 Clear Opening Width - 850mm (allows 110 persons to escape)  
 Exit 2 Clear Opening Width - 1100mm (largest opening to be discounted)

Total Aggregate Width for Floor (Less Largest Opening Width of 1100mm from Exit 2) = 850mm  
 Ground Floor Total Estimated Occupancy Capacity = 107 Persons

Exit 1 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 107 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.

Rev	Date	Description	DRAWING TITLE	Drawn/	Checked
			<b>Galagher Retail Park</b> Weston-Super-Mare, Marchfields way, BS23 3YZ	<b>Fire Evacuation Plan</b> Ground Floor Plan	
DRAWN / CHECKED	DATE	SCALE	JOB No.	DRAWING No.	
SS/PG	21.06.19	1/100 @ A1	029	003 - FEP	
<b>CONSTRUCTION</b>					
				Pure Gym Ltd Town Centre House The Meriton Centre Leeds LS2 8LY e: architecture@puregym.com t: 0113 285 8787 w: www.puregym.com	