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Proposed Plan - Ground Floor (Scale 1:100)

# Fire Evacuation Key

	***************************************	Shared Escape Route
Protected areas: walls, floors, ceilings and doors to achieve 60 minute fire resistant construction.	0	Exit No.
Protected areas: walls, floors, ceilings and doors to achieve 30minute fire resistant construction.	<b>/</b> / 1050 min	Minimum Clear Widths
 New wall to achieve min of 30min fire rating	<b>→</b>	Fire Escape Route
 Existing wall to achieve min 60 minute fire rating (suitability of wall to be confirmed on site by Pure Gym Main Contractor	30	Occupany level within area

## 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 = 1450mm (allows 220 persons to escape)
Exit 2 Clear Opening Width = 1650mm (largest opening to be discounted)

Total Aggregate Width for Floor (Less Largest Opening Width of 1650mm from Exit 2) = 1450mm

Ground Floor Total Estimated Occupancy Capacity =158 Persons

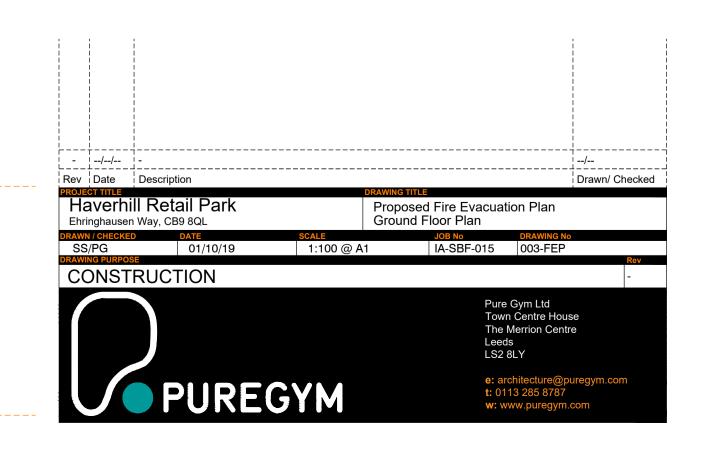
Exit 1 provides a min. width of 1450mm and would allow a max. No. of 220 persons to escape, which is larger than the total estimated occupancy capacity of 158 Persons and is therefore thought to meet with the Approved Document Part B.

### 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.



Proposals must comply with all acoustic, fire &

No dimensions are to be scaled from this drawing.
The contractor is responsible for checking all

Fire escape plan has been created with authorised kit

plan in place to ensure safe escape from site.

building regulation requirements

dimensions on site