



Proposed Fire Evacuation Plan - Ground Floor
1:50

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)		Occupancy level within area
	New wall to achieve min of 30min fire rating		Fire Escape Route
	Protected areas: walls, floors, ceilings and doors to achieve 30minute fire resistant construction.		Minimum Clear Widths
	Protected areas: walls, floors, ceilings and doors to achieve 60 minute fire resistant construction.		Exit No.
			Shared Escape Route

Escape Route Widths
In line with Section 3.24.3.22 of Approved Document Part B, Volume 2 - Buildings other than dwellinghouses - the minimum clear widths are provided for the above opening widths for escape from each floor level room in accordance with Table 4.6, Appendix C.

Ground Floor
Exit 1 Clear Opening Width = 1400mm (allow 200 persons to escape)
Exit 2 Clear Opening Width = 1400mm (largest opening to be discussed)
Total Aggregate Width for Floor (Largest Opening Width of 800mm from Exit 2) = 1400mm
Ground Floor Total Estimated Occupancy Capacity = 58 Persons
Exit 1 provides a min. width of 1400mm and would allow a max. No. of 220 persons to escape, which is larger than the total estimated occupancy capacity of 58 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 lighting designed and installed in accordance with BS 5266-Part 1. Please refer to M&E Engineer's drawings for final layout and specification.

A. 20.08.19 Fire resistant enclosure to incoming supply cabinet		MC/PC
Rev	Issue	Drawn/Checked
Blackwater Retail Park Unit 1A, The Gateway, Hayford, Maldon, Essex, CM9		
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MO/PC 18/07/19 1:50 @ A0	JA-SBP-013 1003-FEP	CONSTRUCTION