



**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 60min 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 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 Clear Opening Width = 850mm (allows 10 persons to escape)  
 Exit 2 Clear Opening Width = 1000mm (largest opening to be discounted)  
 Total Aggregate Width for Floor (Less Largest Opening Width of 1000mm 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 10 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.

Rev	Date	Description	Drawn/Checked
B	19.09.18	Drawing updated following some site measures, locker provision updated and Yanga incorporated	IR/GL
A	10.09.18	Floor Finishes updated to reflect removal of Store room and introduction of Feature concession area	IR/GL

PROJECT TITLE		DRAWING TITLE	
SBF - Unit 1, King Street East Grinstead		Fire Evacuation Plan Ground Floor	
DRAWING CODE	DATE	SCALE	ISS. No.
IR/PG	01.07.18	1:100 @ A1	IA-SBF-006
DRAWING PURPOSE			DRAWING No.
CONSTRUCTION			G-003-FEP
			Rev
			B

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