

**Escape Route Widths**  
 In line with Section 2.24 & 3.22 of Approved Document Part B, Volume 2 - buildings other than dwellings - the above calculations provide justification for the open opening widths for escape from each floor level room in accordance with Table 4.4 Approach C.

**Escape Route**  
 1.8m Clear Opening Width = 120mm (allow 10 persons to escape)  
 Exit 2 Clear Opening Width = 1425mm (allow 132 persons to escape)  
 Exit 3 Clear Opening Width = 1000mm (allow 90 persons to escape) (largest opening to be discounted)

Ground Floor - Annex Total Estimated Occupancy Capacity = 117 Persons

Based on an NA of 0.0248, the Puragym Peak Occupancy Target = 117 Persons  
 Calculation using 117 persons (Fire Safety) Occupancy Levels Forecast Total.

The designed occupancy of the unit is calculated above which allow a min No. of 477 persons to escape, which is larger than the total estimated occupancy capacity of 117 Persons and is therefore thought to meet with the Approved Document Part B.

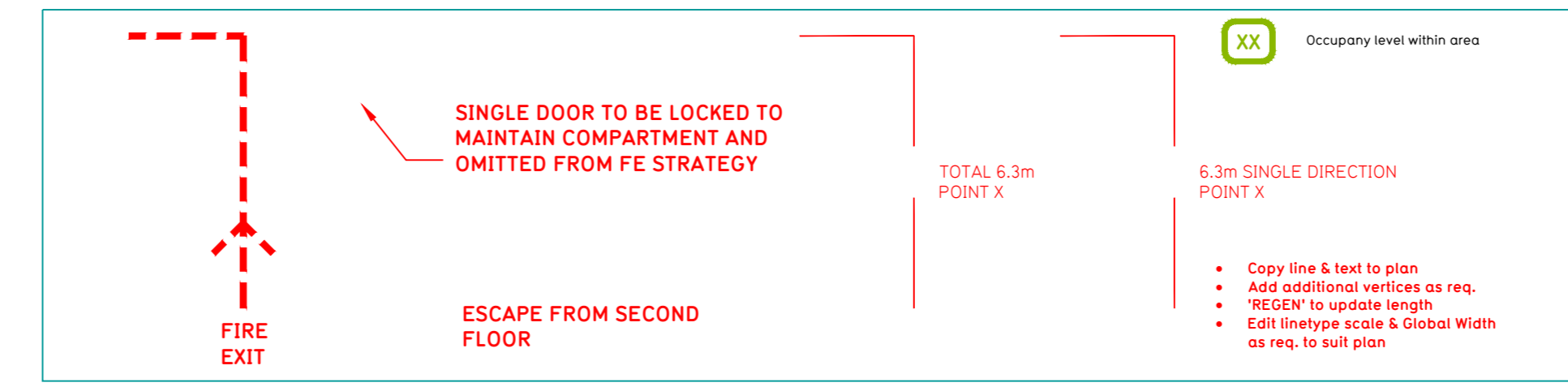
**Services**  
 System designed and installed in compliance with BS EN 12452-2015 & LFC Technical Bulletin

**Fire Alarm**  
 Fire Alarm designed and installed to BS 5833. Smoke & heat detection / emergency lighting by specialist. Please refer to M&E engineer's drawings for specifications.

**Escape Lighting**  
 Emergency lighting fitted designed and installed in accordance with BS 5266-Part 1. Please refer to M&E Engineer's drawings for final layout and specification.

**Fire Door**  
 Fire Door fitted in accordance with BS 9976-Part 1. Please refer to M&E Engineer's drawings for final layout and specification.

**Escape Signage and emergency lighting** to COP under the MEC specification. Details of contractor proposals to be provided to Building Control Approved Inspector and Fire Officer within the Contractors Proposals Package, Clause 14.



Rev	Date	Description	Drawn/Checked
01	20/03/20	Issue for Construction	1003/FEF

**Leicester St George's Refurb**  
 10 St Georges Way, LE1 5SH

**Fire Evacuation Plan**  
 Ground Floor / Annex

Scale: 1:100 @ A0

**CONSTRUCTION**

**PUREGYM**

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