



**Escape Route Widths:**  
 In line with Sections 3.2.1 & 3.2.2 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 Final Exit:**  
 Exit 1 Clear Opening Width = 1200mm (allows 220 persons to escape discounted)  
 Exit 2 Clear Opening Width = 850mm (allows 110 persons to escape)  
 Exit 3 Clear Opening Width = 1100mm (allows 220 persons to escape)  
 Exit 4 Clear Opening Width = 1100mm (allows 220 persons to escape)  
 Exit 5 Clear Opening Width = 1100mm (allows 220 persons to escape)

Total aggregate width exceeds the required 1050mm width required for 220 people to escape. And is therefore thought to meet with the Approved Document Part B.

Note: current situation Exit 4 is locked shut, with internal changes proposed it is recommended that this door is reinstated. To be confirmed by building control officer and local fire authority.

**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 6. Please refer to M&E Engineer's drawings for final layout and specification.

Rev	Date	Description	Drawn/Checked

**PROJECT TITLE**  
 Bromborough 24/7 Fitness  
 55 Welton Rd, Birkenhead, Wirral, CH62 3PN

**DRAWING TITLE**  
 Fire Escape Plan  
 Ground Floor

**DRAWING SCALE**  
 1:100 @ A1

**DATE**  
 20.08.2019

**SCALE**  
 1:100 @ A1

**PROJECT NO.**  
 IA-PA-001-X

**DRAWING NO.**  
 003 - FEP

**DRAWING PURPOSE**  
 APPROVAL

**Rev**  
 -

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