

Escape Route Widths:

In line with Sections 3.21 & 3.22 of 'Approved Document Part B, Volume 2 - buildings other than dwelling houses' - 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 1 (2042mm) is limited by Intermediate Exit A Clear Opening Width = 1050mm (allows 220 persons to escape, largest opening to be discounted). Final Exit 2 (882mm) is limited by Intermediate Exit B Clear Opening Width = 881mm (allows 110 persons to escape). (Merging flows to be discussed with Approved Inspector).

Final Exit 3 Clear Opening Width = 882mm (allows 110 persons to escape).

Ground Floor Total Estimated Occupancy Capacity = 220 Persons

Basement **Floor**

Final Exit 4 (890mm) (allows 110 persons to escape, largest opening to be discounted). Final Exit 2 (873mm) is limited by Intermediate Exit C Clear Opening Width = 873mm (allows 110 persons to escape) (Merging flows to be discussed with



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.

Sprinklers

Fire Alarm

Smoke Extract Smoke Extract System to be designed and installed in accordance with BS 7346: Part 8. Please refer to M&E Engineer's drawings for final layout

General Notes

• Proposals must comply with all acoustic, Fire, Building Regulation requirements. • No dimensions are to be scaled from this drawing. • The contractor is responsible for checking all dimensions on site.