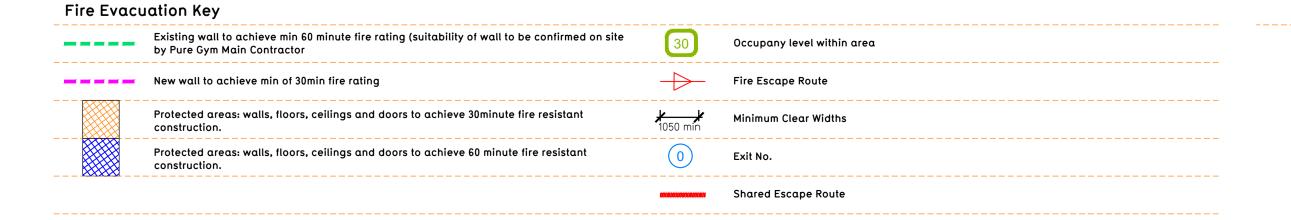


Proposed Fire Evacution Plan - Ground Floor 1:50



## Escape Route Widths

In line with Sections 3.21 & 3.22 of 'Approved Document Part B, Volume 2 - buildings other than dwellinghouses' - 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 = 1450mm (allows 220 persons to escape)
Exit 2 Clear Opening Width = 1650mm (largest opening to be discounted)

Total Aggregate Width for Floor (Less Largest Opening Width of 1650mm from Exit 2) = 1450mm

Ground Floor Total Estimated Occupancy Capacity =158 Persons

Exit 1 provides a min. width of 1450mm and would allow a max. No. of 220 persons to escape, which is larger than the total estimated occupancy capacity of 158 Persons and is therefore thought to meet with the Approved Document Part B.

## Fire Ald

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 lighted designed and installed in accordance with BS 5266: Part 1. Please refer to M&E Engineer's drawings for final layout and specification.

