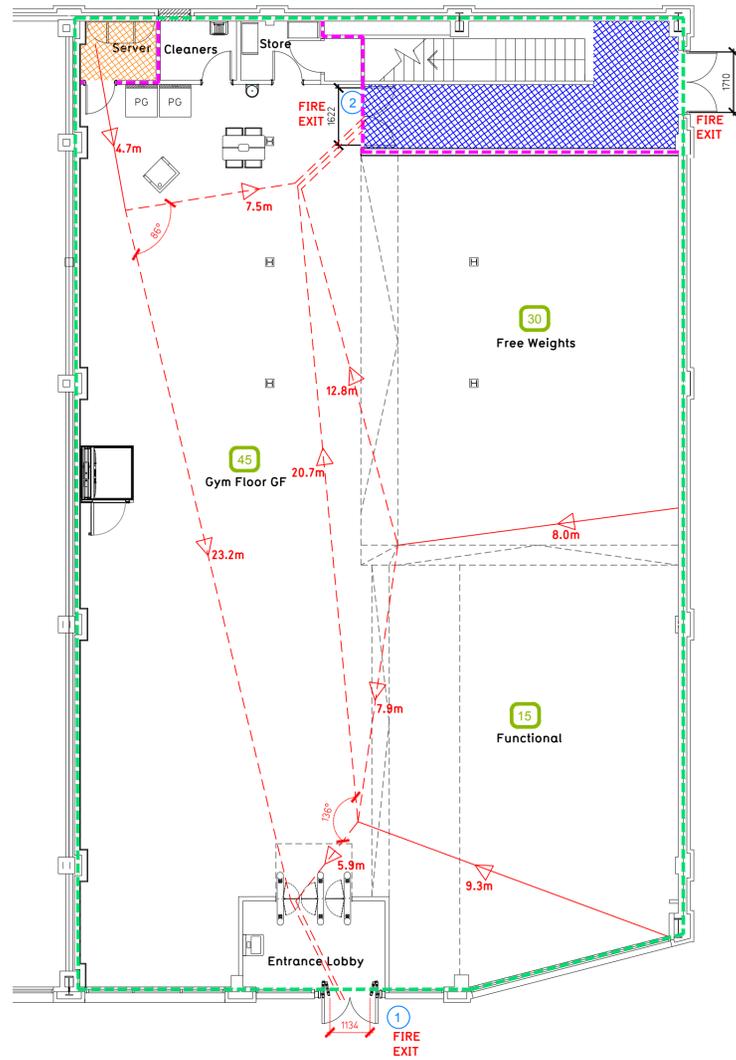
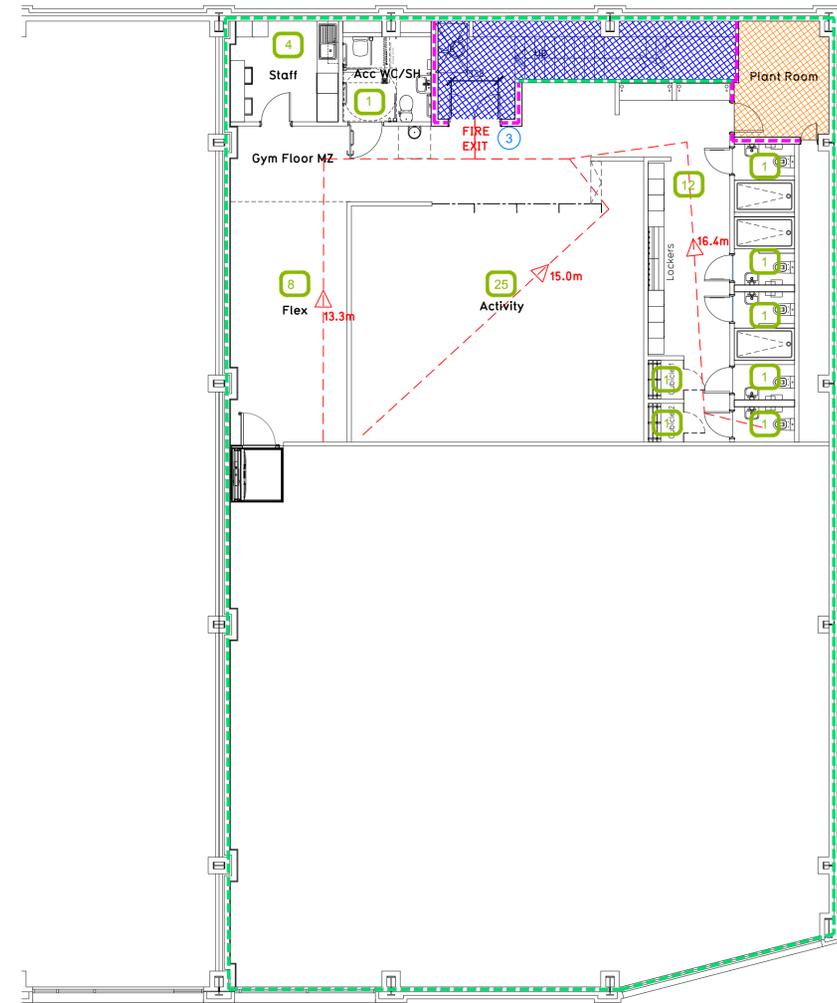


NOTE:

- 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



Proposed Plan - Ground Floor (Scale 1:100)



Proposed Plan - Mezzanine Floor (Scale 1:100)

**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)
- New wall to achieve min of 30min fire rating
- Protected areas: walls, floors, ceilings and doors to achieve 30minute fire resistant construction.
- Protected areas: walls, floors, ceilings and doors to achieve 60 minute fire resistant construction.
- Occupancy level within area
- Fire Escape Route
- Minimum Clear Widths
- Exit No.

**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 = 1134mm (allows 110 persons to escape)  
 Exit 2 Clear Opening Width = 1622mm (largest opening to be discounted)  
 Total Aggregate Width for Floor (Less Largest Opening Width of 1622mm from Exit 2) = 1450mm  
 Ground Floor Total Estimated Occupancy Capacity = 158 Persons  
 Exit 1 provides a min. width of 1134mm 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.

**Mezzanine Floor**

Exit 3 Clear Opening Width = 1338mm (allows 110 persons to escape)  
 Total Aggregate Width for Floor (Less Largest Opening Width of 1622mm from Exit 3) = 1338mm  
 Mezzanine Floor Total Estimated Occupancy Capacity = 57 Persons

**Fire Alarm**

Fire Alarm designed and installed to BS 5839. Smoke & heat detection / emergency lighting by specialist. Please refer to MSE engineer's drawings / specifications.

**Escape Lighting**

Emergency escape lighting designed and installed in accordance with BS 5266. Part 1. Please refer to MSE Engineer's drawings for final layout and specification.

| Rev  | Date     | Description | DRAWING TITLE | Drawn/ Checked   |
|--|----------|-------------|---------------|--|
| <p><b>Glossop</b><br/>           Unit E, Viren Nest Retail Park, Derbyshire, SK13 7AW<br/>           Proposed Fire Evacuation Plan<br/>           Ground &amp; Mezzanine Floor</p> |          |             |               |  |
| SS/PG  | 21.08.19 |             | 1:100 @ A1    | IA-SBF-017 003-FEP   |
| <p><b>CONSTRUCTION</b></p>   |          |             |               |  |
|  |          |             |               | Pure Gym Ltd<br>Town Centre House<br>The Merrion Centre<br>Leeds<br>LS2 8LY<br>e: architecture@puregym.com<br>t: 0113 285 8787<br>w: www.puregym.com |