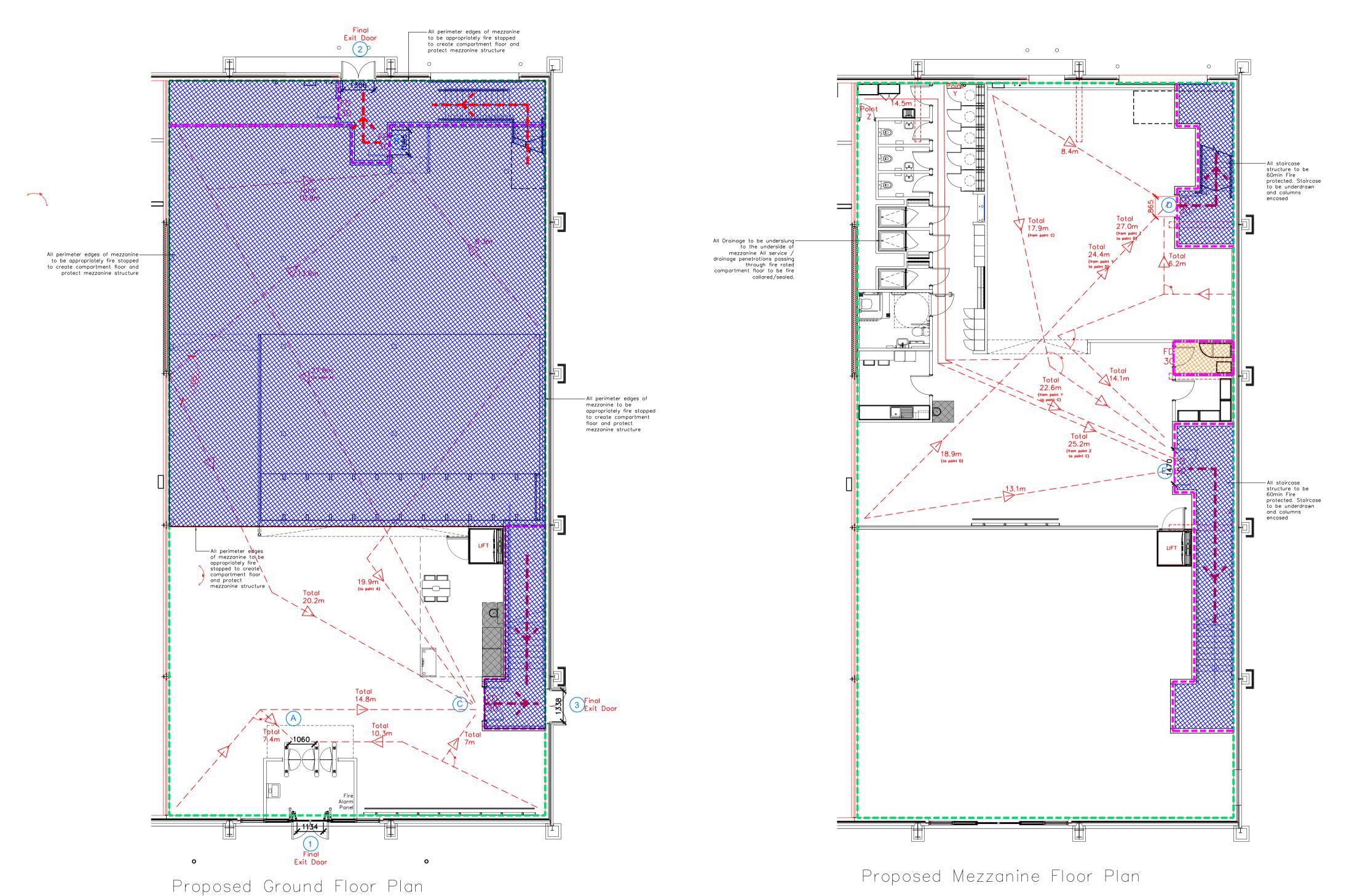
- Proposals must comply with all acoustic, fire & building regulation requirements
- No dimensions are to be scaled from this drawing. The contractor is responsible for checking all dimensions on



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
Storey Exit A Clear Opening Width = 1060mm (allows 222 persons to escape)
Storey Exit B Clear Opening Width = 1056mm (allows 221 persons to escape)
Storey Exit C Clear Opening Width = 1338mm (allows 278 persons to escape, largest opening to be discounted) Total Aggregate Width for Floor (Less Largest Opening Width of 1338mm from STOREY EXIT C) = 2116mm

Storey Exit D Clear Opening Width = 856mm (allows 110 persons to escape)
Storey Exit E Clear Opening Width = 1470mm (allows 304 persons to escape, largest opening to be discounted) Total Aggregate Width for Floor (Less Largest Opening Width of 1470mm from STOREY EXIT E) = 856mm

Total
Ground Floor = 443 persons to escape
Mezzanine Floor = 110 persons to escape Total = 553 persons to escape Based on a NIA of 8,182sqft, the Puregym peak Occupancy Target = 234 Persons

The designed occupancy of the unit as calculated would allow a max. No. of 553 persons to escape, which is larger than the total estimated occupancy capacity of 234 persons and is therefore thought to meet with the Approved Document Part B. To allow free movement between the floors the occupancy has not been split 50/50% but rather allows for occupancy based on gym stations and functions assuming that a high percentage of the total occupancy could be on a single floor at one time.

<u>Fire Alarm</u> 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.

Mezzanine Design CDP: New mezzanine structure including deck and column connections to be 60min FR using a boarded Mezzanine Design CDP: New mezzanine structure including aeck and column collinections to be contained as solution. Ceiling to be clear and flat ready to receive decoration. Service penetrations to be coordinated and suitably fire stopped. Contractor to submit proposals for design to be reviewed by building control and fire service.

Escape Signage and emergency tighting is CDP under the M&E specification. Details of contractors proposals to be provided to Building Control

