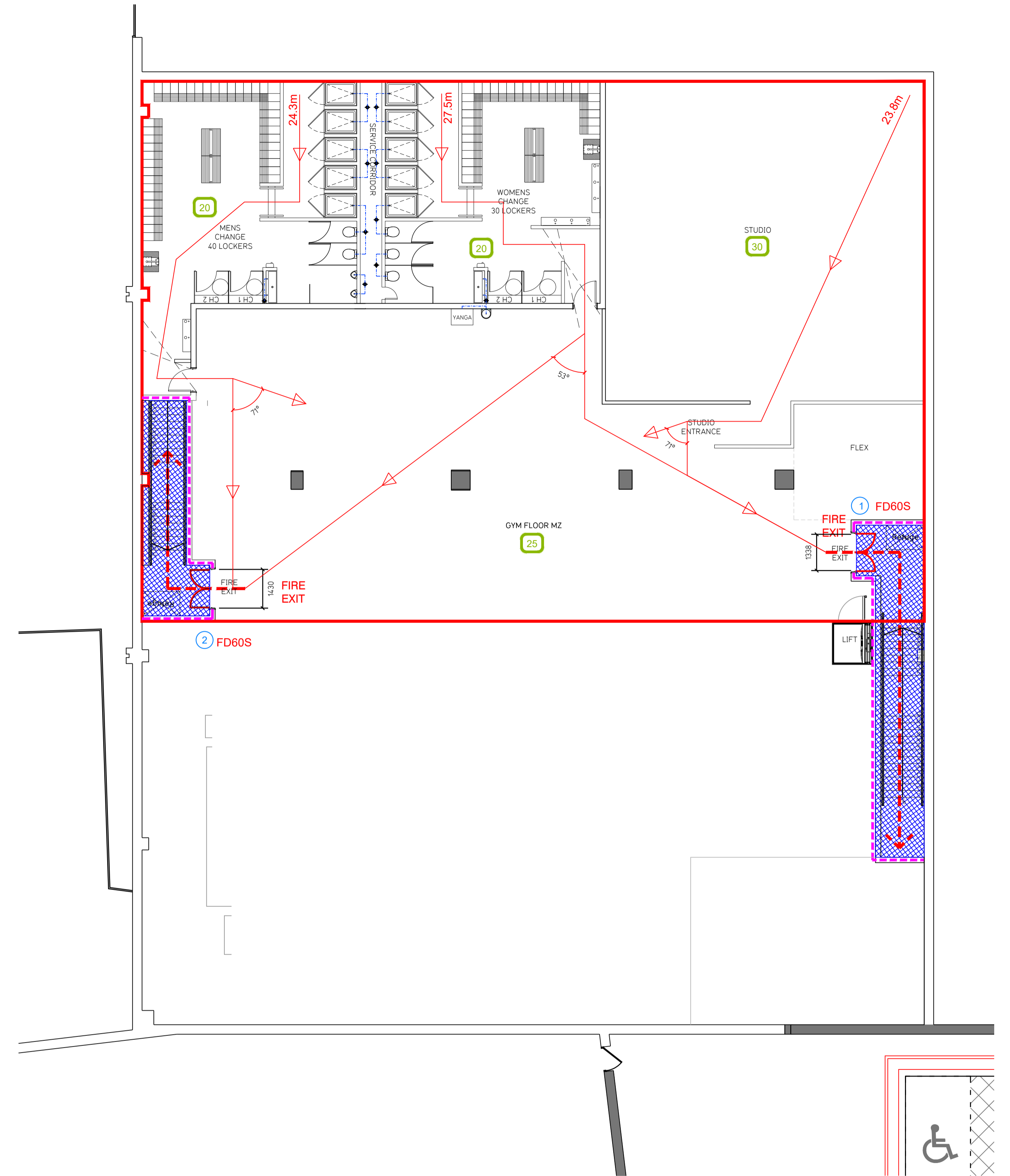


Proposed Ground Floor Plan



Proposed Mezzanine Floor Plan

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 60min 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.

- 30 Occupancy level within area
- ▶ Fire Escape Route
- Minimum Clear Widths
- 0 Exit No.
- Shared Escape Route

Escape Route Widths

In line with Sections 3.21.6, 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 = 850mm (allows 10 persons to escape)
 Exit 2 Clear Opening Width = 1100mm (largest opening to be discounted)
 Total Aggregate Width for Floor (Less Largest Opening Width of 1100mm from Exit 2) = 850mm
 Ground Floor Total Estimated Occupancy Capacity = 107 Persons
 Exit 1 provides a min. width of 850mm and would allow a max. No. of 10 persons to escape, which is larger than the total estimated occupancy capacity of 107 Persons and is therefore thought to meet with the Approved Document Part B.

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.

Rev	Date	Description	Drawn/	Checked/
D	17.06.19	Update to roller shutter door. GF accommodation shifted up for drainage void.	CV/PG	
C	10.06.19	Updated structure for mezzanine.	CV/PG	
B	31.05.19	Updated GA.	CV/PG	
A	22.05.19	Updated following ARB.	AT/PG	

PROJECT TITLE		DRAWING TITLE	
Carpetright, 45 Springfield Road, Hayes, UB4 0TU		Fire Evacuation Plan Ground and Mezzanine Floor Plans	
DRAWN/CHECKED	DATE	SCALE	PROJECT NO.
AT / PG	11.04.19	1:100@A1 / 1:200@A3	IA-LBF-028
DRAWING PURPOSE			FEP 003
CONSTRUCTION			

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