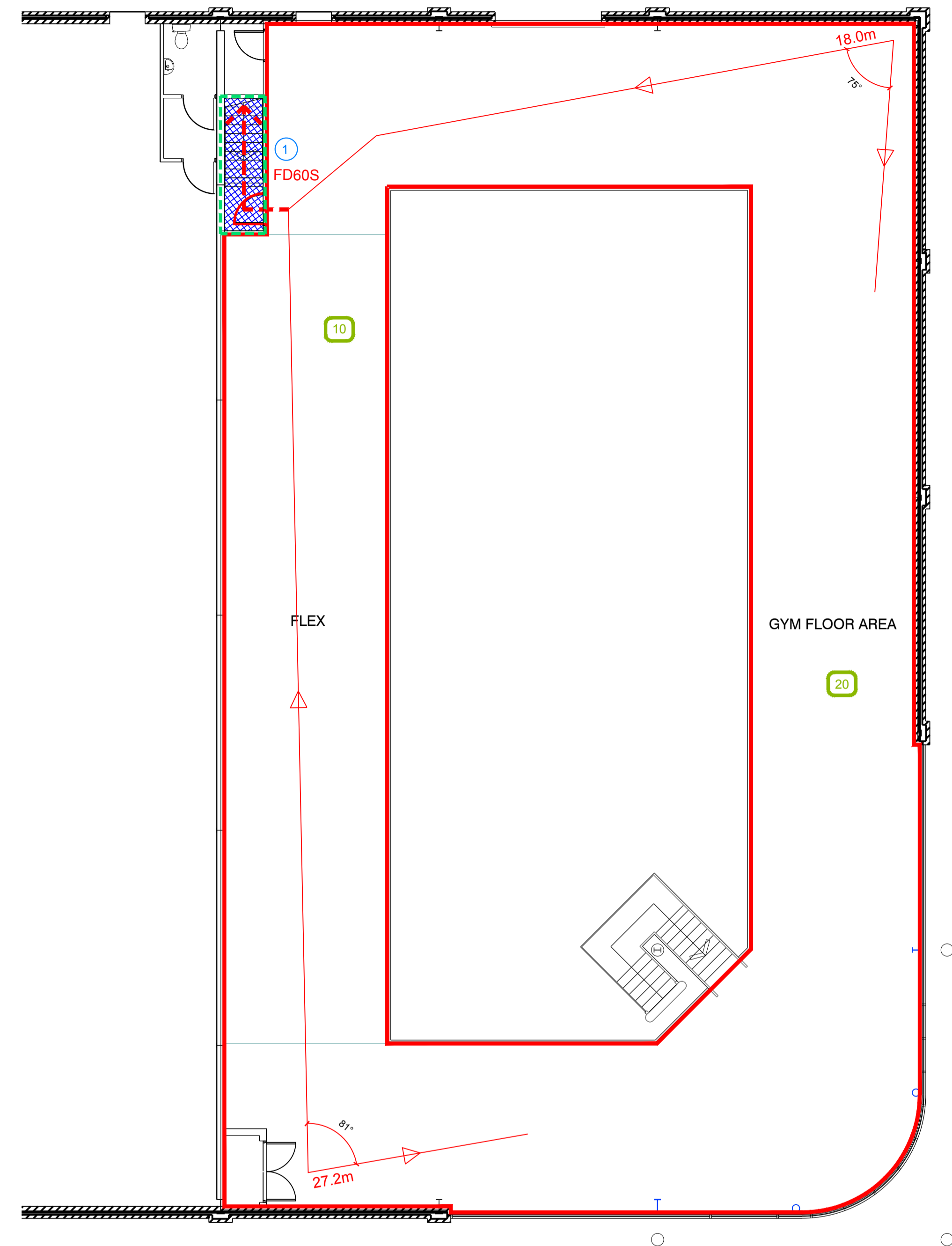


Ground Floor



Mezzanine Floor

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)
- 30 Occupancy level within area
- New wall to achieve min of 60min fire rating
- ▶ Fire Escape Route
- 1050 Minimum Clear Widths
- 0 Exit No.
- Shared Escape Route
- 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.

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 = 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 5845:2015 & LPC Technical Bulletins

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.

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

Rev	Date	Description	Drawn / Checked
B	02.09.19	As built drawings issued.	AT / PG
A	01.07.19	Updated following prestart meeting.	AT / PG

Wolves South Birmingham Rd, Wolverhampton WV2 3NH		Fire Escape Plan Ground and Mezzanine Plans	
AT / PG	07.05.19	1:100@A1	IA-R-38 FEP-003
AS BUILT		B	

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