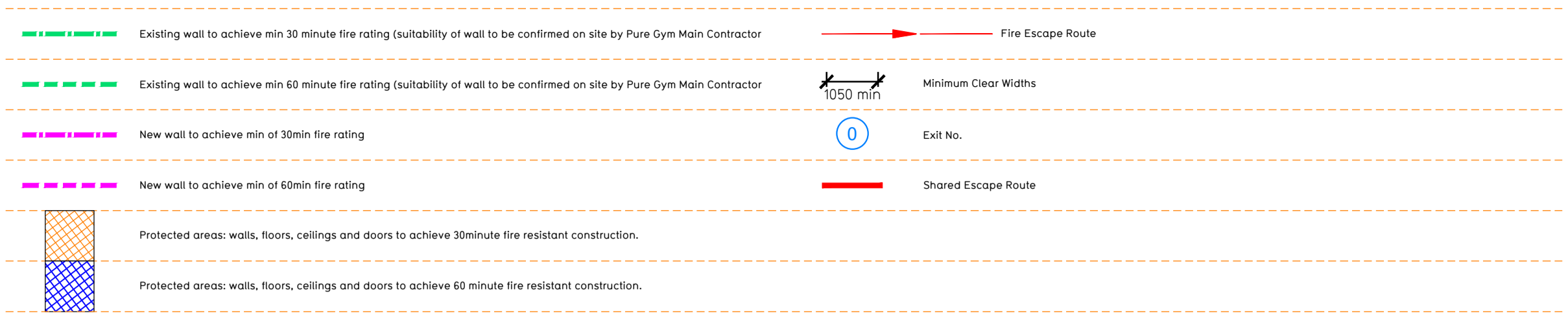


Fire Evacuation Key



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/room in accordance with Table 4 & Appendix C.

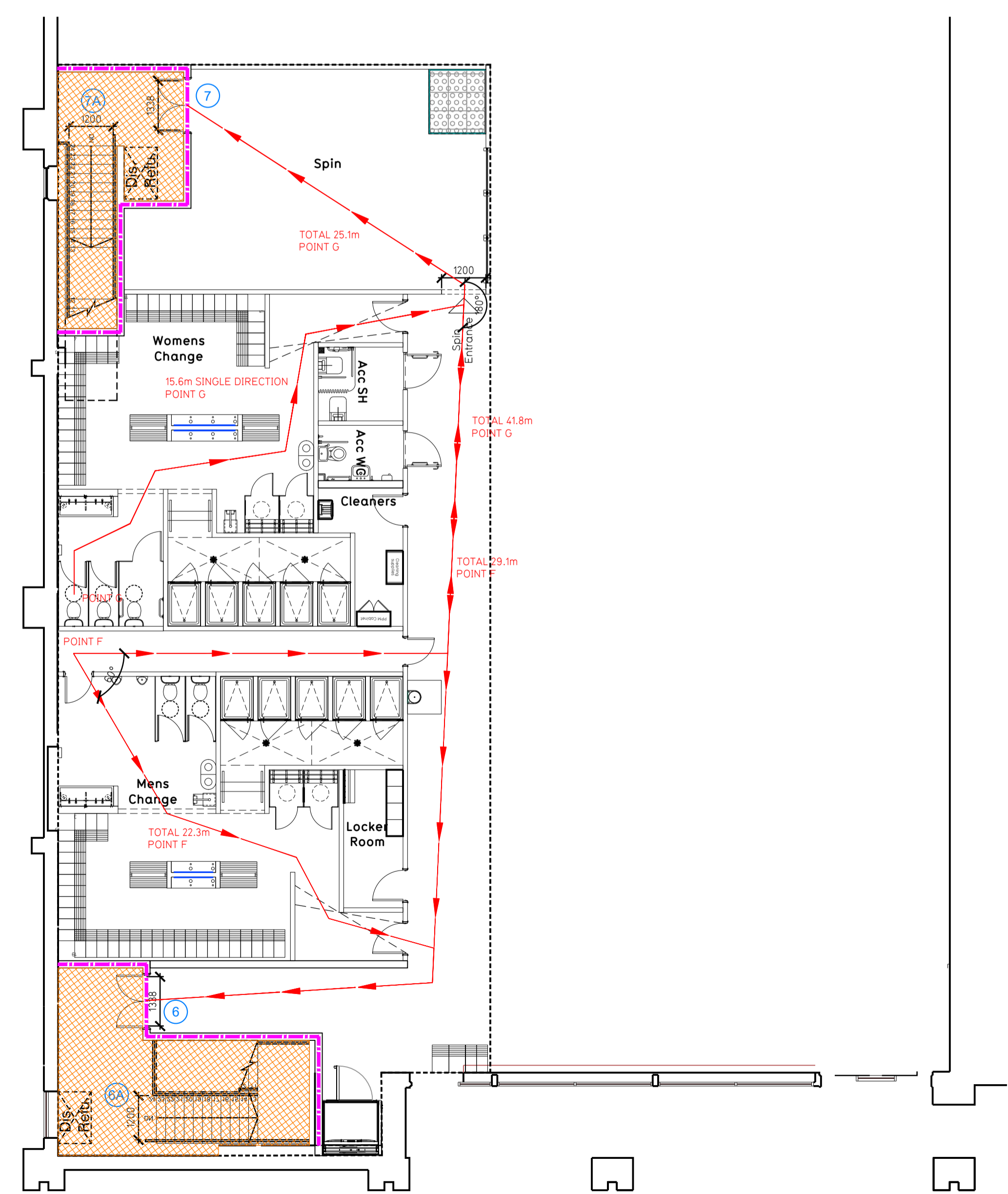
Ground Floor
 Exit 1 is restricted by Exit 1A Clear Opening Width = 1020mm (allows 234 persons to escape)
 Exit 2 is restricted by Exit 2A Clear Opening Width = 1330mm (allows 277 persons to escape)
 Exit 3 is restricted by Exit 3A Clear Opening Width = 1055mm (allows 222 persons to escape)
 Exit 4 Clear Opening Width = 800mm (allows 60 persons to escape)
 Exit 5 Clear Opening Width = 1720mm (allows 34 persons to escape, largest opening to be discounted)
 Total Aggregate Width for Floor (Less Largest Opening Width of 1720mm from EXIT No.5 = 4327mm
 Ground Floor Total Estimated Occupancy Capacity = 876 Persons

First Floor
 Exit 6 is restricted by Stair 6A Clear Width = 1200mm (allows 220 persons to escape)
 Exit 7 is restricted by Stair 7A Clear Width = 1200mm (allows 220 persons to escape)
 Total Aggregate Width for Floor (Less Largest Stair Width of 1200mm from either EXIT = 1200mm
 First Floor Total Estimated Occupancy Capacity = 220 Persons

The Total Estimated Occupancy Capacity is larger than the total estimated occupancy of 227 Persons and is therefore thought to meet with the Approved Document Part B.

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.



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

Rev	Date	Description	DRAWING TITLE	MM
C01	09.11.22	DR 16 updated as per Door Schedule		MM
PROJECT TITLE			DRAWING TITLE	
Unit M, Meadowhall Retail Park Sheffield, S9 2YZ			Fire Evacuation Plan Ground and Mezzanine Plans	
DRAWN / CHECKED	DATE	SCALE	REV. NO.	DRAWING No.
SK/MM	31.10.22	1:100 @ A1	2150	003-FEP
DRAWING PURPOSE				Rev
CONSTRUCTION				C01

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