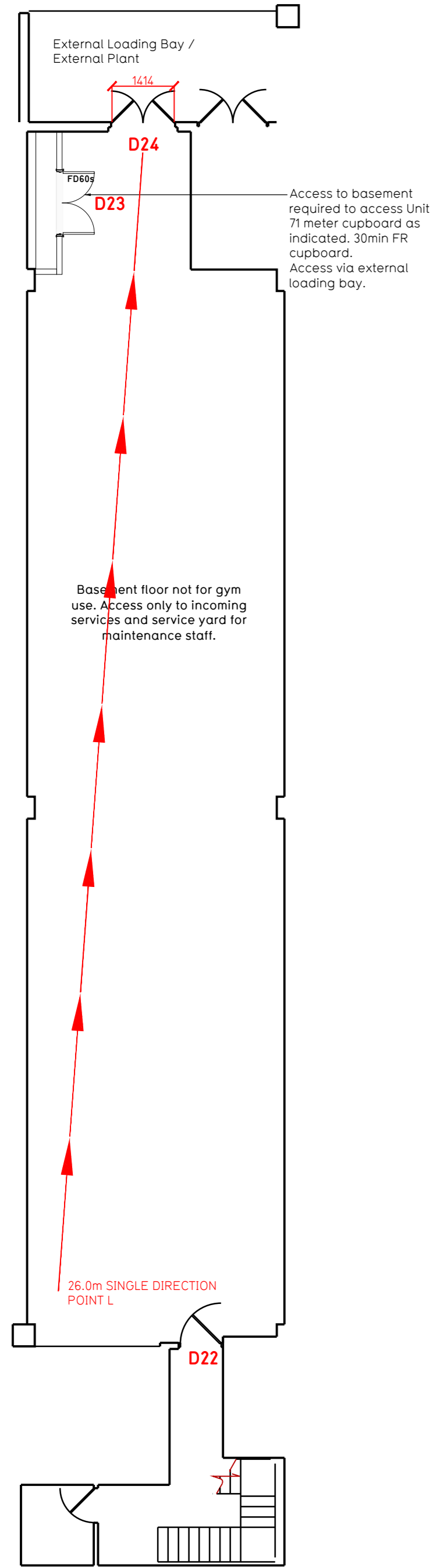
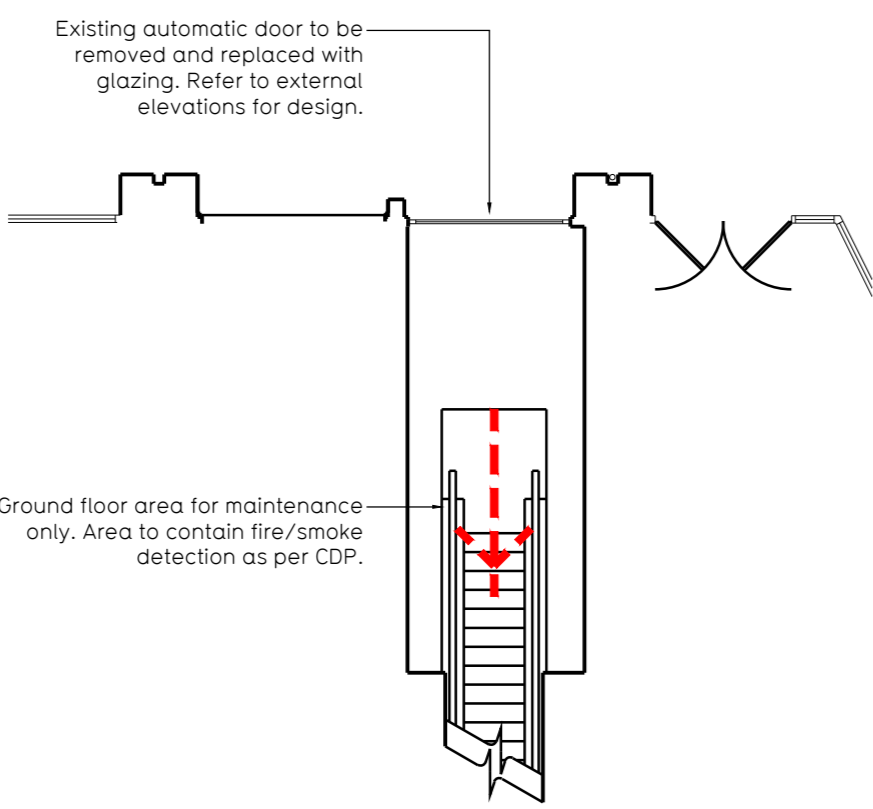


NOTE:

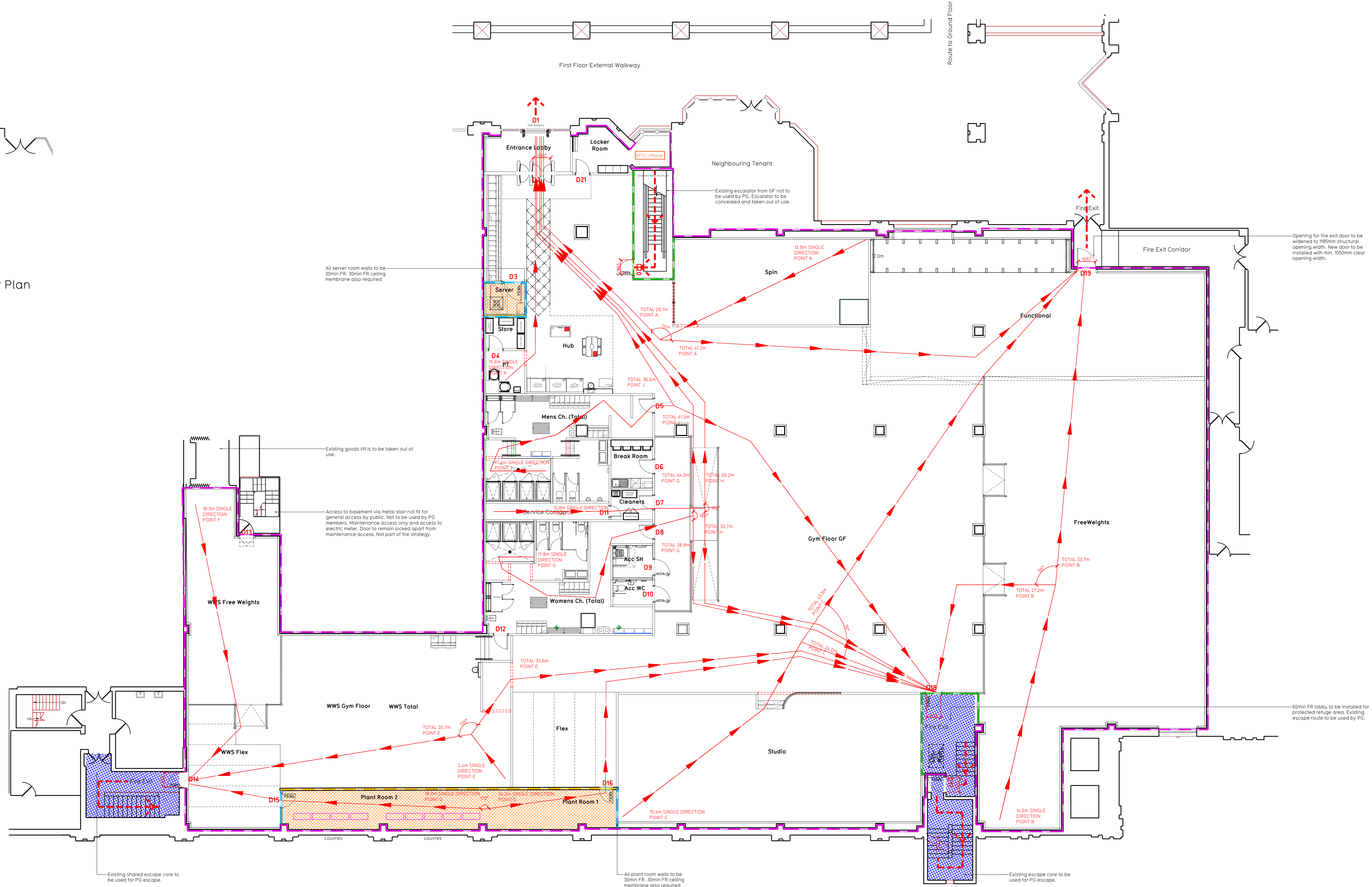
- Proposals must comply with all acoustic, fire & building regulation requirements
- No dimensions are to be scaled from this drawing. The contractor is responsible for checking all dimensions on site



Proposed Basement Floor Plan



Proposed Ground Floor Plan



Proposed First Floor Plan

Fire Evacuation Key

	Existing wall to achieve min 30 minute fire rating/ability of wall to be confirmed on site by Pure Gym Main Contractor		Fire Escape Route
	Existing wall to achieve min 60 minute fire rating/ability of wall to be confirmed on site by Pure Gym Main Contractor		Minimum Clear Widths
	Existing wall to achieve min 90 minute fire rating/ability of wall to be confirmed on site by Pure Gym Main Contractor		Exit No.
	New wall to achieve min of 30min fire rating		Shared Escape Route
	New wall to achieve min of 60min fire rating		Fire Door Rating - 30min / 60min
	New wall to achieve min of 90min fire rating		Fire Door Signage - Fire Door Keep Shut / Automatic Fire Door Keep Shut / Fire Door Keep Locked
	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 the UK, Sections 2(7) & 3(2) of Approved Document Part B, Volume 2 'Buildings other than dwelling houses' - 'The applicant calculations provide justification for the opening widths to escape from each floor level in accordance with Table 4.1 Appendix C.'

Escape Routes
 Fire Exit 02 - 100mm Exit 02 Clear Opening Width = 1000mm (allows 50 persons to escape, target opening to be discounted)
 Fire Exit 03 - 100mm Exit 03 Clear Opening Width = 1000mm (allows 50 persons to escape)
 Fire Exit 04 - 100mm Exit 04 Clear Opening Width = 1000mm (allows 50 persons to escape)
 Fire Exit 05 - 100mm Exit 05 Clear Opening Width = 1000mm (allows 50 persons to escape)
 Total Aggregate Width for Ground Floor (Less Largest Opening Width of 1000mm) = 2293mm, Ground Floor Total Estimated Occupancy Capacity = 40 Persons

Based on a 100% of 100% full, the Pure Gym Peak Occupancy Target = 340 Persons
 Calculated using Pure Gym Fire Safety Occupancy Levels Forecast Tool.

The designed occupancy of the unit is calculated above would allow a max. No. of 400 persons to escape, which is larger than the total estimated occupancy capacity of 340 persons and is therefore thought to meet with the Approved Document Part B.

Signage
 System design and installed in compliance with BS EN 12462:2015 & LPC Technical Bulletin.

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 and a part of Emergency Signaling Centre - This shall be referenced to control system.

Emergency Lighting
 Emergency lighting designed and installed in accordance with BS 5266: Part 1. Please refer to M&E Engineer's drawings for final layout and specification.

Fire Stopper
 All penetrations of the cores to be appropriately fire stopped to create compartment floor and protect structure. All services/straps/cables entering through the rated compartments to be fire sealed/wrapped.

Escape Signage
 Escape Signage and emergency lighting to COP under the M&E specification. Details on construction proposals to be provided to Building Control Approved Inspector and Fire Officer within the Construction Phased Programme, Clause 14.

Existing Fire Signage
 Existing Fire Signage to be replaced with new signage. Refer to 'Existing Broadway Shopping Centre Fire Strategy Report 28/10/2020'.

Rev	Date	Description	Author	Checked	Drawn	Checked
01	15/08/24	Issue for Construction				

London Ealing Broadway Unit 71, Ealing Broadway St, London W5 5JY Fire Evacuation Plan
 Basement, Ground and First Floor Plans
 DTB: 15/08/24 | Scale: 1:100 @ A0 | 2200x | 1003-FEP | 000

CONSTRUCTION

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