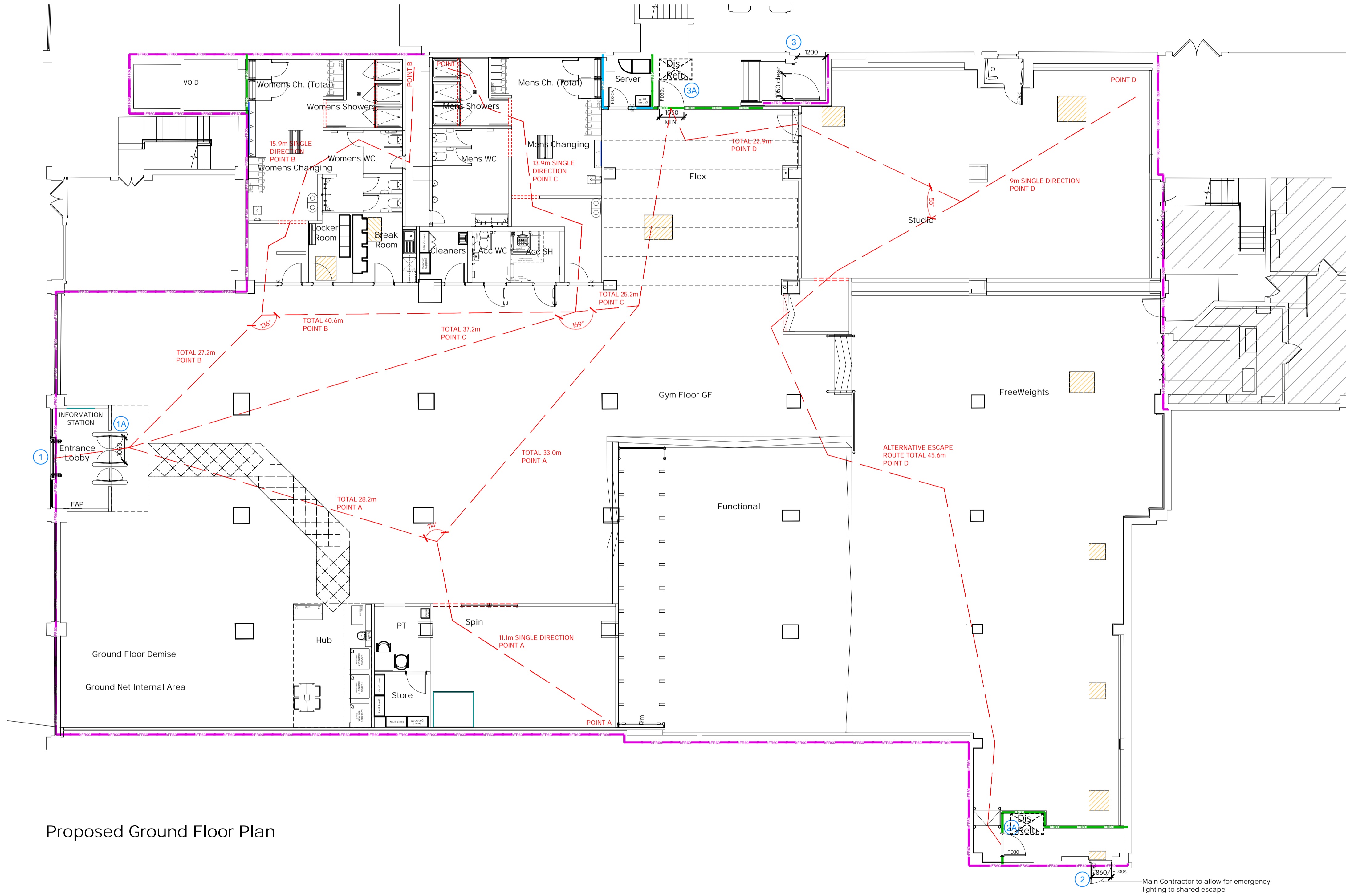
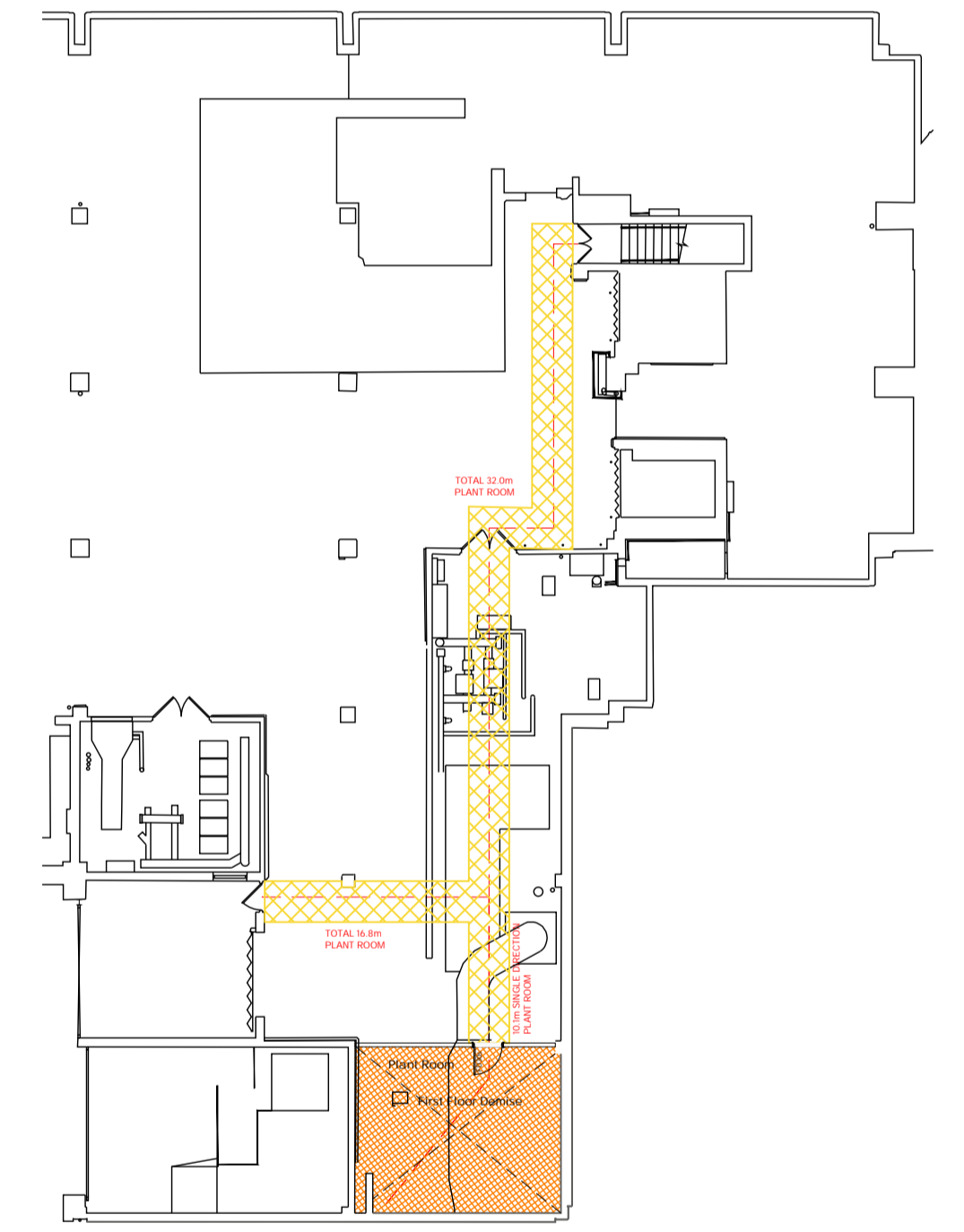


NOTE:

- 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 Ground Floor Plan



Proposed First Floor Plan (Plant Room Access Only) - Scale 1:200

Fire Evacuation Key	
	Existing wall to achieve min 30 minute fire rating (suitability of wall to be confirmed on site by Pure Gym Main Contractor)
	Fire Escape Route
	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 30min fire rating
	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.
	Minimum Clear Widths
	Exit No.
	Shared Escape Route
	Fire Door Rating

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 is restricted by Exit 1A Clear Opening Width = 1060mm (allows 222 persons to escape)
 Exit 2 Final Exit 5620mm at its narrowest point (allows 110 persons to escape)
 Exit 3 & Exit 3A Clear Opening Width = 1050mm (allows 201 persons to escape, largest opening to be discounted)

Total Aggregate Width for Floor (Less Largest Opening Width of 1065mm from Exit No 1A) = 1910mm
 Ground Floor Total Estimated Occupancy Capacity = 330 Persons

The total estimated occupancy capacity of 222 persons based on benchmarked PG data for a gym of this size and is therefore thought to meet with the Approved Document Part B.

EXIT 2: Main Contractor to provide new emergency lighting to escape corridor. Installation to be agreed with Landlord.

First Floor:
 The first floor plant room is not accessible to gym members. It is only used for maintenance access and is accessed from service yard

Fire Strategy:
 Design to be validated against Landlords Building Control Approval for the shell

Sprinklers:
 Existing system remains Landlord responsibility. System to be replaced with new in a Layout to be agreed with Pure Gym.

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.

Smoke Extract:
 No existing system

Fire Stopping:
 All perimeter edges of the unit and slab penetrations to be appropriately fire stopped to create compartment floor. All services/drains/penetrations passing through fire rated compartment floor to be fire collared/sealed.

Escape Signage and emergency lighting is CDP under the M&E specification. Details of contractors proposals to be provided to Building Control Approved Inspector and Fire Officer within the Contractors Proposals Package, Clause 1.4

Rev	Date	Description	CD/PG
C01	04.10.23	Exit 3 door replaced new due to site condition	Drawn/Checked
PROJECT TITLE			
London Kingston		Fire Evacuation Plan	
27 Wheatfield Way, Kingston u Thames KT1 2PD		Ground and First Floor Plans	
SK/CD	07.08.23	SCALE	1:100 @ A1
DATE	07.08.23	DWG No.	2220
DRAWING PURPOSE		REV No.	003-FEP
CONSTRUCTION			C01
		Pure Gym Ltd Town Centre House The Meriton Centre Leeds LS2 9LY	
		e: architecture@puregym.com t: 0113 285 8787 w: www.puregym.com	