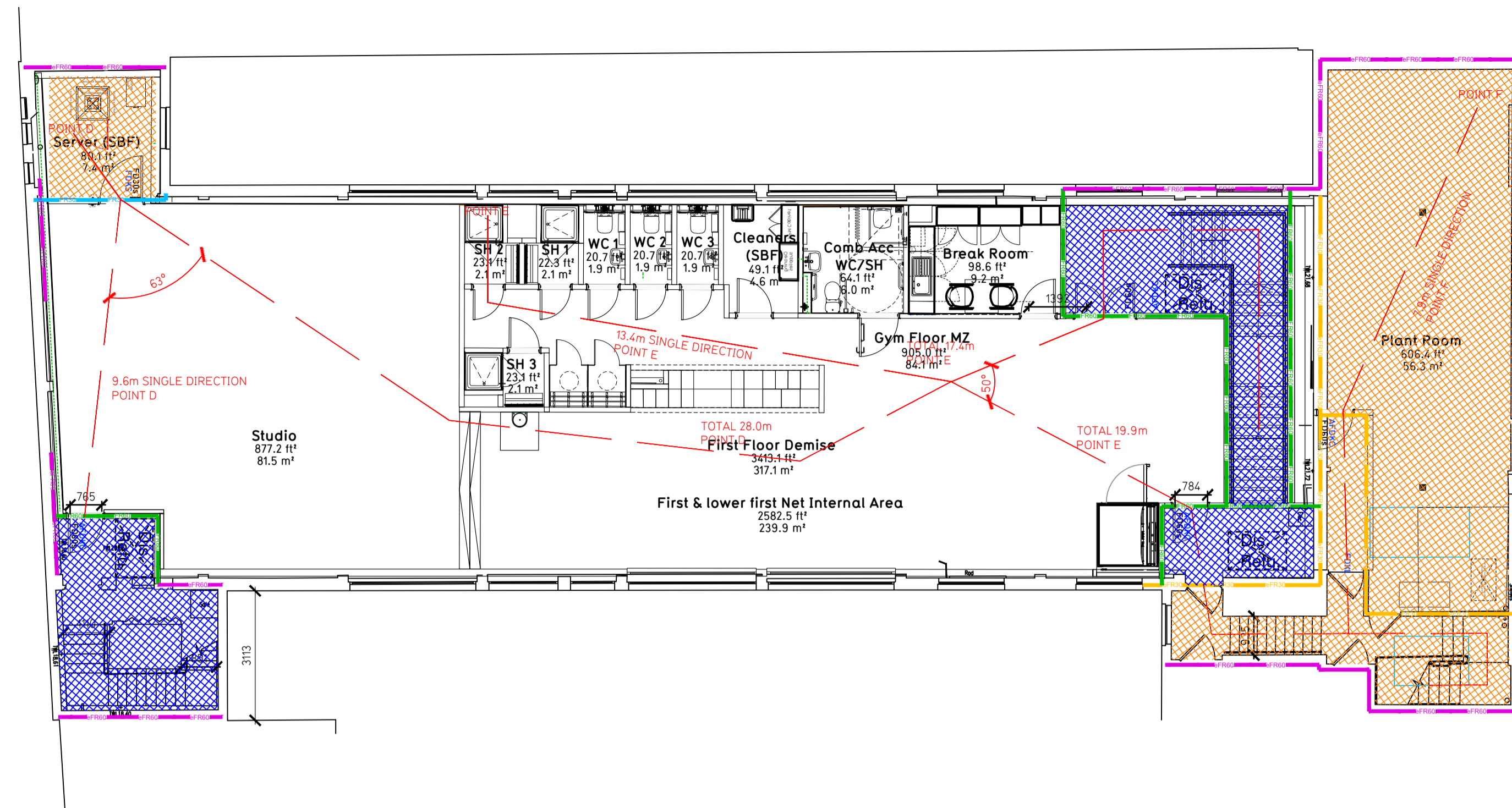
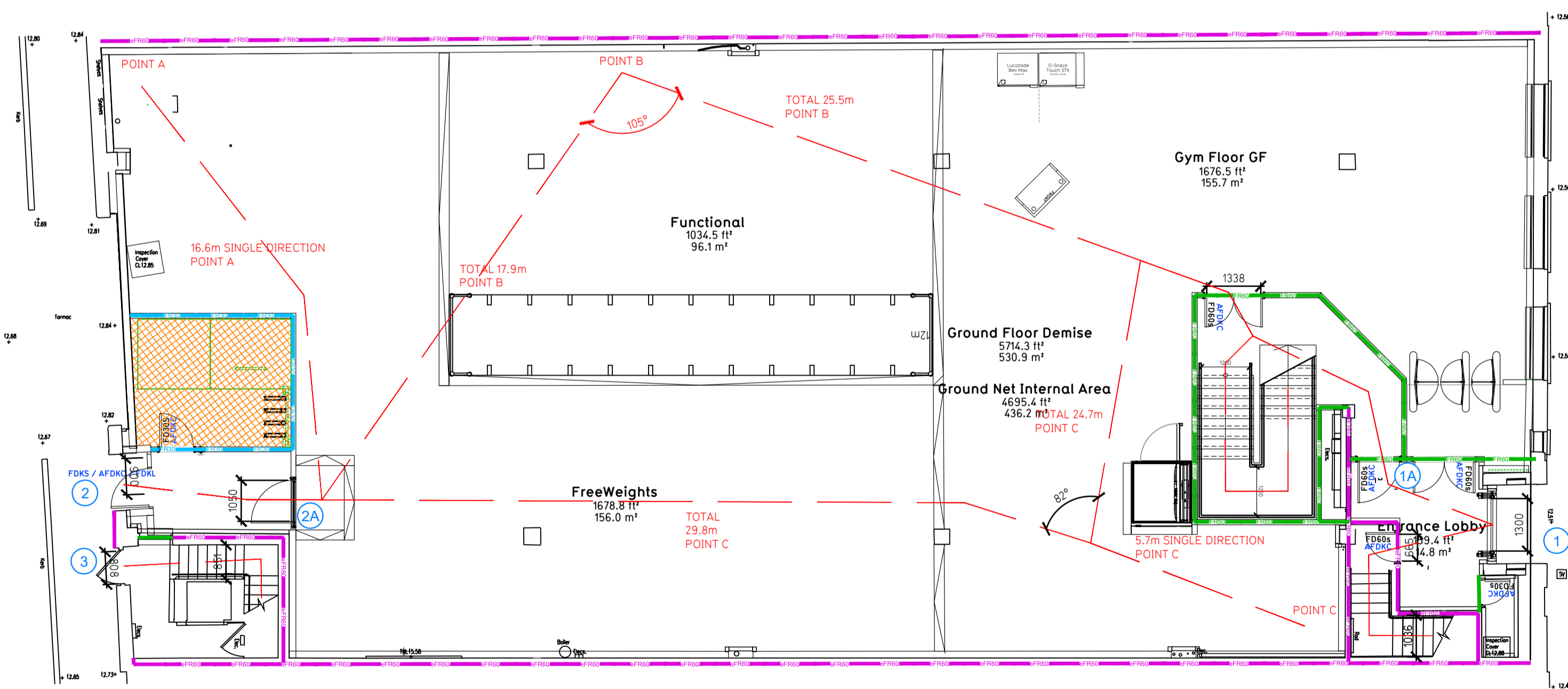


NOTE:

- 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 First Floor Plan



Proposed Ground Floor Plan

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)		Minimum Clear Widths
	New wall to achieve min of 30min fire rating		Exit No.
	New wall to achieve min of 60min fire rating		Shared Escape Route
	Protected areas: walls, floors, ceilings and doors to achieve 30minute fire resistant construction.		FD30 / FD60 Fire Door Rating - 30min. / 60min.
	Protected areas: walls, floors, ceilings and doors to achieve 60 minute fire resistant construction.		FDKS / AFDKC / FDKL Fire Door Signage - Fire Door Keep Shut / Automatic Fire Door Keep Clear / Fire Door Keep Locked

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 = 900mm (allows 110 persons to escape)
Exit 2 is restricted by Exit 2A Clear Opening Width = 1050mm (allows 220 persons to escape, largest opening to be discounted)

Total Aggregate Width for Floor (Less Largest Opening Width of 1050mm from Exit 2A) 965mm

Exit No 2A provides a min. width of 965mm and would allow a max. No. of 110 persons to escape, which is larger than the total estimated occupancy capacity of 100 Persons and is therefore thought to meet with the Approved Document Part B.

First Floor
Exit 1 escape via the new staircase is restricted by Exit 1A Clear Opening Width = 965mm (allows 110 persons to escape, largest opening to be discounted).
Exit 1 escape via the existing staircase is restricted by Stair Clear Width = 935mm (allows 50 persons to escape)
Exit 2 escape via the existing staircase is restricted by Stair Clear Width = 855mm (allows 50 persons to escape)

Exit No 2A provides a min. width of 965mm and would allow a max. No. of 110 persons to escape, which is larger than the total estimated occupancy capacity of 100 Persons and is therefore thought to meet with the Approved Document Part B.

Exit Nos 1 & 3 would allow a max. No. of 100 persons to escape, which is equal to the total estimated occupancy capacity of 100 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 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.

Fire Stopping
All penetrations through compartment walls to be appropriately fire stopped to create compartment floor and protect mezzanine structure. All services/drainage penetrations passing through fire rated compartment floor to be fire collared/sealed.

Escape Signage and emergency lighting is CDP under the MSE specification. Details of contractors proposals to be provided to Building Control Approved Inspector and Fire Officer within the Contractors Proposals Package, Clause 14.

Rev	Date	Description	Drawn/Checked
PROJECT TITLE: London Bethnal Green 229 CAMBRIDGE HEATH ROAD, E2 DEL			
DRAWING TITLE: Fire Evacuation Plan Ground and First Floor Plans			
DRAWN / CHECKED	DATE	SCALE	DRAWING No.
OT/CD	30.08.24	1:100 @ A1	2414
DRAWING PURPOSE: CONSTRUCTION			003-FEP
			Rev
			C00

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