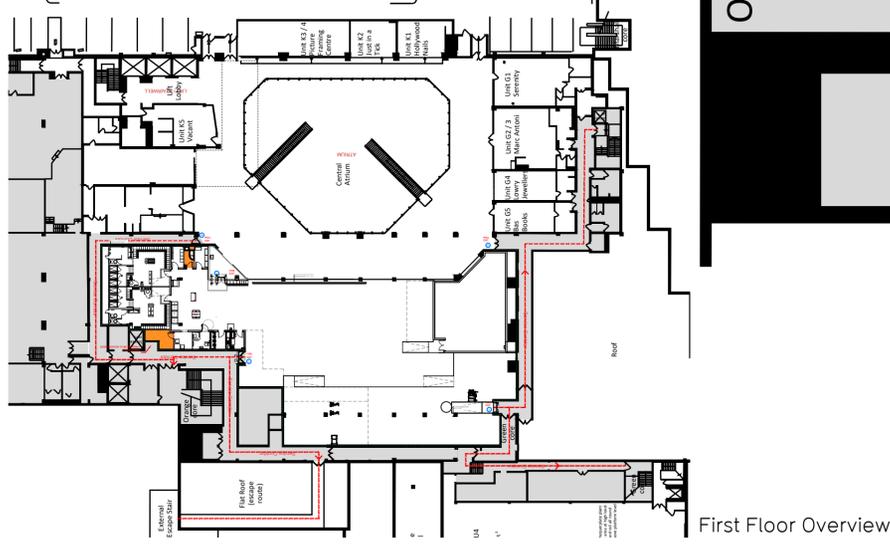
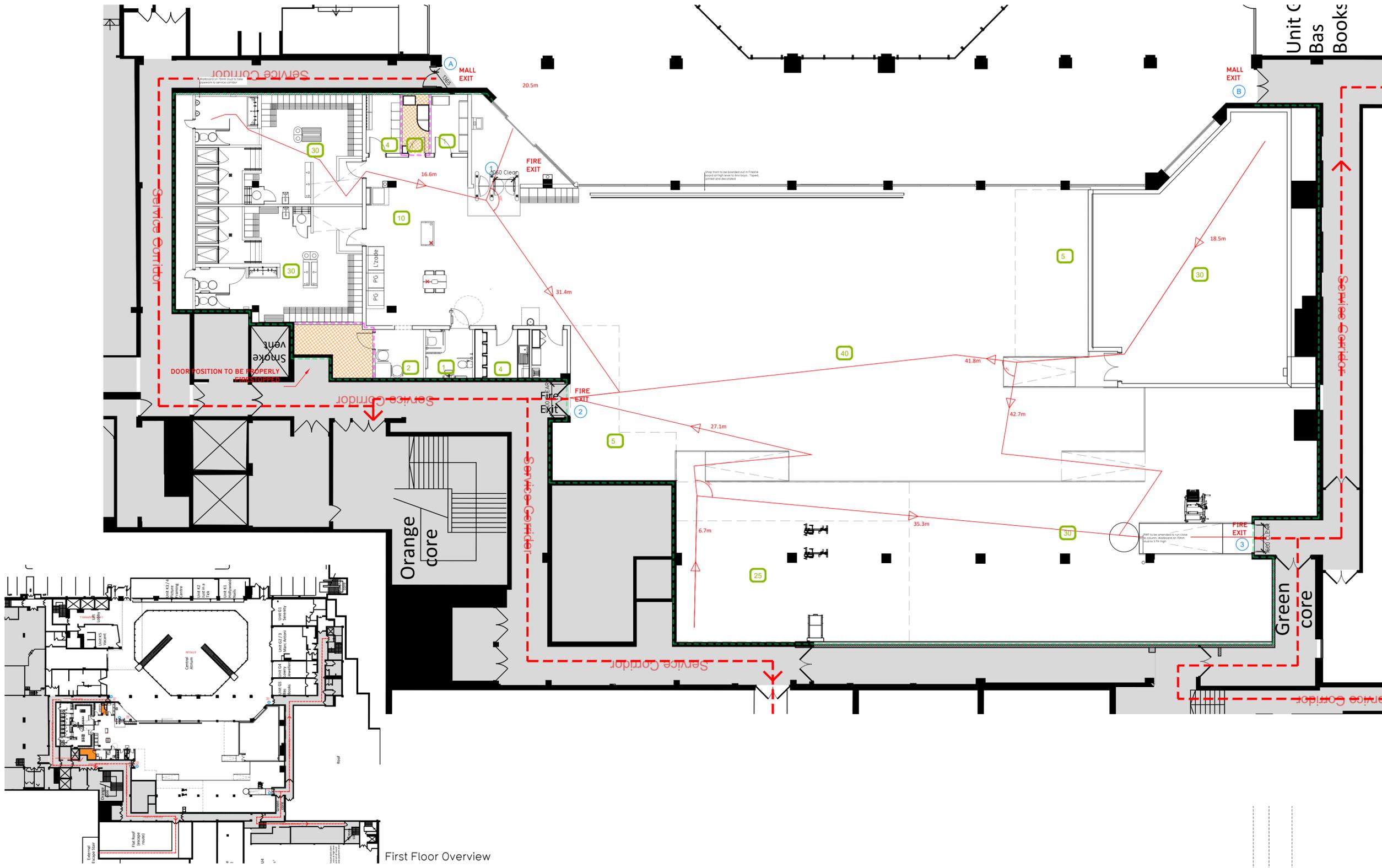


General Arrangement plans are to be read in conjunction with the Pure Gym Standard details as issued as part of this Construction Pack.  
 Proposals must comply with all Acoustic, Fire and Building Regulation Requirements. Acoustic Requirements have been set out in the Acoustic Report and verified with onsite testing.  
 No dimensions are to be scaled from this drawing. The Contractor is responsible for checking dimensions on site.



**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)		Occupancy level within area
	Existing wall to achieve min 60 minute fire rating (suitability of wall to be confirmed on site by Pure Gym Main Contractor)		Fire Escape Route
	New wall to achieve min of 30min fire rating		Minimum Clear Widths
	New wall to achieve min of 60min fire rating		Exit No.
	Protected areas: walls, floors, ceilings and doors to achieve 30minute fire resistant construction.		Shared Escape Route
	Protected areas: walls, floors, ceilings and doors to achieve 60 minute fire resistant construction.		

Drawing to be read in conjunction with Princess Square Retrospective Fire Strategy which states BS9999 is to be used for travel distances. Risk Profile B2 - occupants awake and unfamiliar with building. This would result in single actual travel distance of 20m and two way actual travel distance of 50m. 4.5m width per person.

In line with Sections 14.4 & 14.6 of 'BS9999' - the adjacent calculations provide justification for the clear opening widths for escape from each floor level / room in accordance with Table 11 & Table 12 and Annex E.

**First Floor**  
 Exit 1 Clear Opening Width = 1060mm (allows 258 persons to escape)  
 Exit 2 Clear Opening Width = 1600mm (largest opening to be discounted)  
 Exit 3 Clear Opening Width = 1600mm (allows 330 persons to escape)

Total Aggregate Width for unit (Less Largest Opening Width of 1600mm from Exit 2) = 2660mm  
 Floor Total Estimated Occupancy Capacity = 648 Persons

**Sprinklers**  
 System design and installed in compliance with Princess Square Retrospective Fire Strategy, BS EN 12845:2015 & LPC Technical Bulletin.

**Fire Alarm**  
 Fire Alarm designed and installed to Princess Square Retrospective Fire Strategy and BS 5839. Smoke & heat detection / emergency lighting by specialist. Please refer to M&E engineer's drawings / specifications.

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

Rev	Date	Description	Drawn/Checked

<b>PROJECT TITLE</b>		<b>DRAWING TITLE</b>	
Bracknell The Locks, Princess Square Shopping Centre, RG12 1LS		Fire Evacuation Plan First Floor Plan	
<b>DRAWN / CHECKED</b>	<b>DATE</b>	<b>SCALE</b>	<b>CAD No</b>
SK/CS	09.12.21	1:100 @ A1	0348
<b>DRAWING PURPOSE</b>	<b>SCALE</b>	<b>DATE</b>	<b>Rev</b>
RECORD			

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