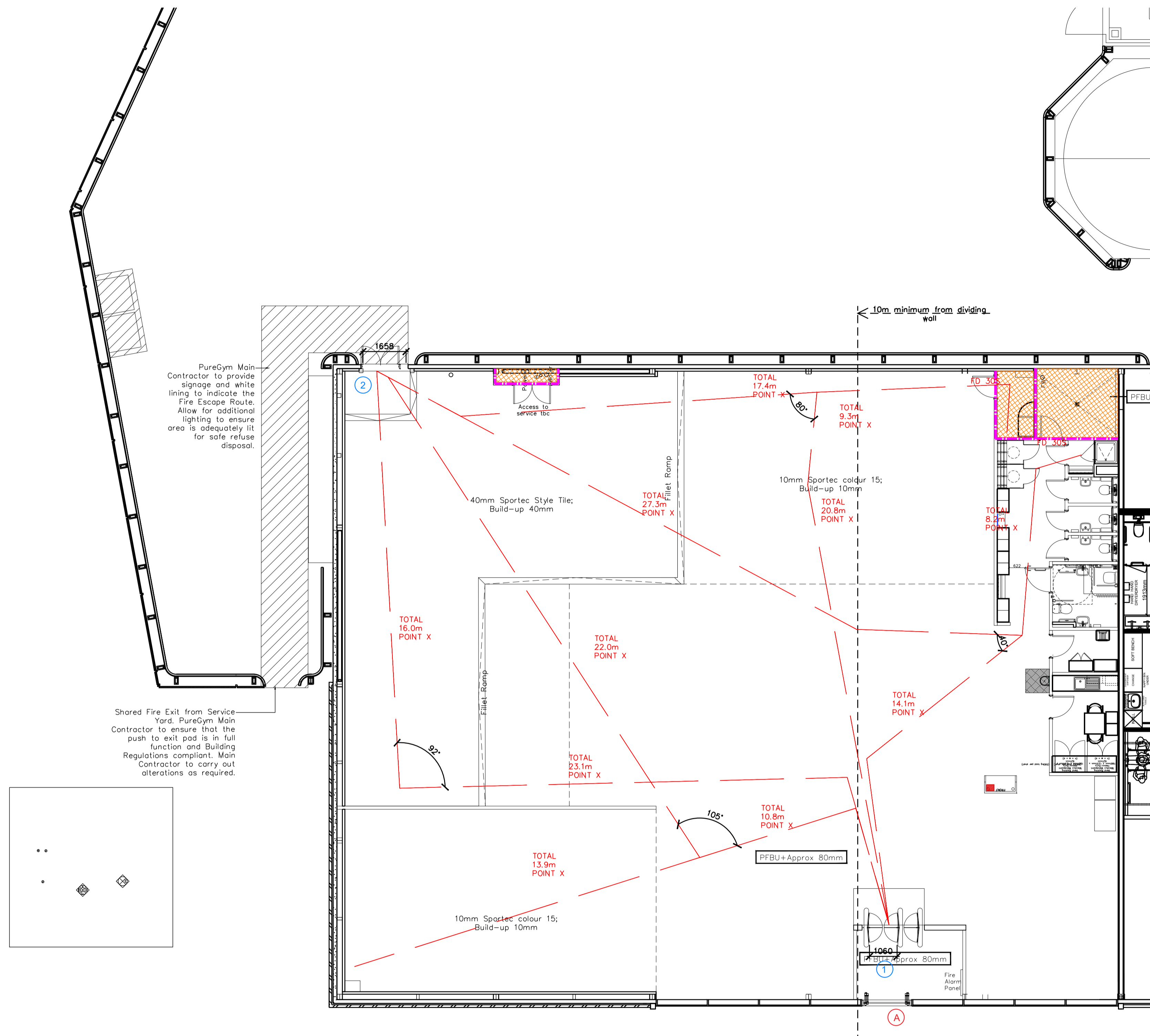


NOTE:

- 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



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.		
	Protected areas: walls, floors, ceilings and doors to achieve 60 minute fire resistant construction.		

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 Clear Opening Width = 1060mm (allows 222 persons to escape)
Exit 2 Clear Opening Width = 1658mm (allows 341 persons to escape, largest opening to be discounted)
Ground Floor Total Estimated Occupancy Capacity = 50 Persons

EXIT NO.1 provides a min. width of 1060mm and would allow a max. No. of 222 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.

Sprinklers (NOT REQUIRED)
System design and installed in compliance with BS EN 12845:2015 & LPC Technical Bulletins

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 (NOT REQUIRED)
Smoke Extract System to be designed and installed in accordance with BS 7346: Part B. Please refer to M&E Engineer's drawings for final layout and specification.

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

Refer to Landlord's Fire Escape Strategy Document: '215 - Adjacent Retail Units - Fire Strategy.'

PROJECT TITLE		DRAWING TITLE	
St Ives Harrison Way Cambridgeshire PE27 4NB		Fire Evacuation Plan Ground Floor Plans	
DATE	SCALE	ISSUE NO.	DRAWING No.
06.09.22	1:100 @ A1	2098	003-FEP
DRAWING PURPOSE			Rev
CONSTRUCTION			C00

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