



## 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	<b>&gt;</b>	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	<b>/ /</b> 1050 min	Minimum Clear Widths
 New wall to achieve min of 30min fire rating	0	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.		

<u>Escape Route Widths:</u> In line with Sections 3.21 & 3.22 of 'Approved Document Part B, Volume 2 - buildings other than dwellinghouses' - 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 A Clear Opening Width = 1060mm (allows 222 persons to escape, limited by clear width of Exit No1) Exit B Clear Opening Width = 1356mm (allows 281 persons to escape) Exit C Clear Opening Width = 1700mm (allows 350 persons to escape,largest opening to be discounted)

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.

Ground Floor Total Estimated Occupancy Capacity =183 Persons

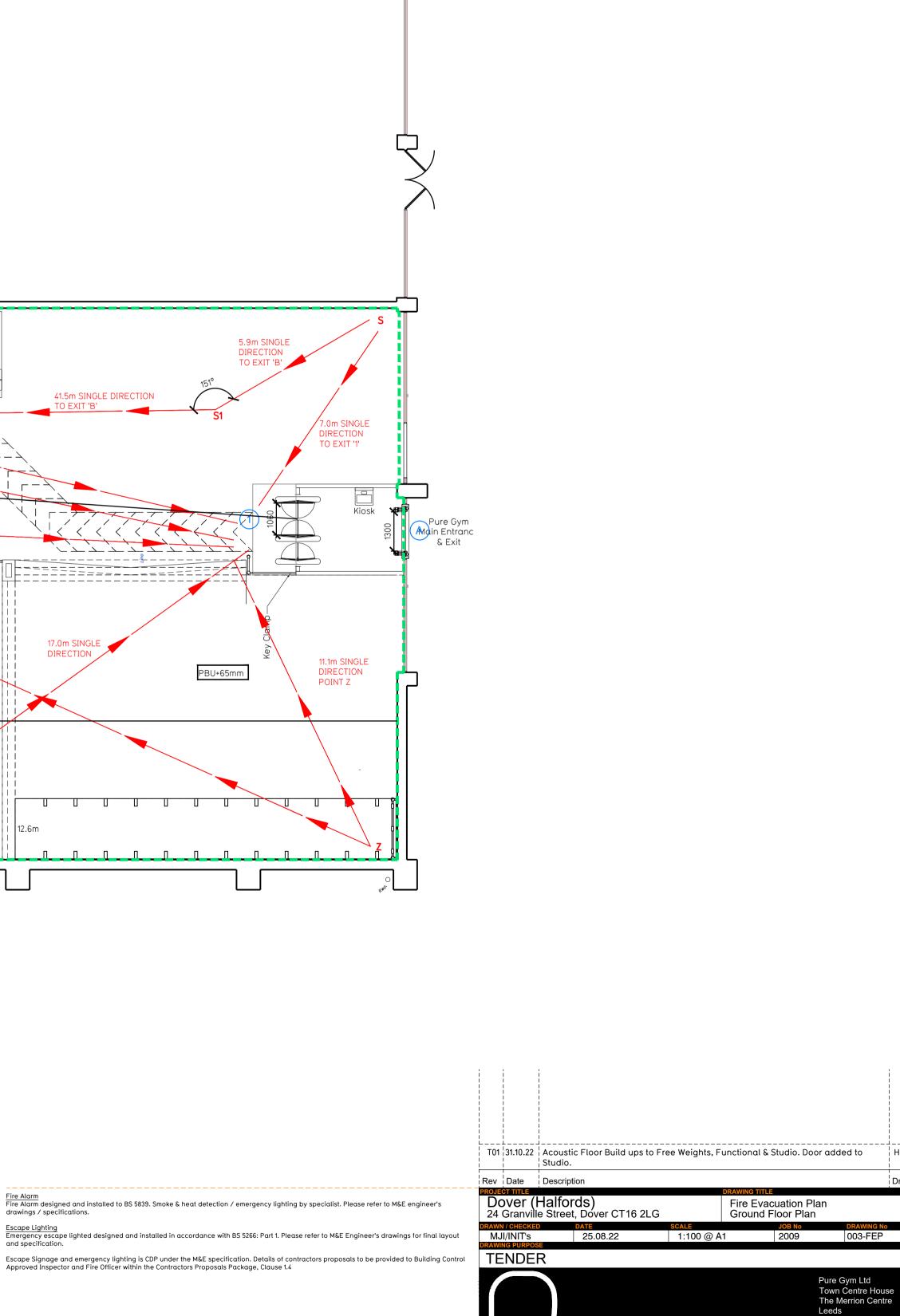
Exit A and Exit C provides a combined escape capacity of 503 persons, which is larger than the total estimated occupancy capacity of 183 Persons and is therefore thought to meet with the Approved Document Part B.

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

## NOTE:

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- 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



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Drawn/ Checked

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