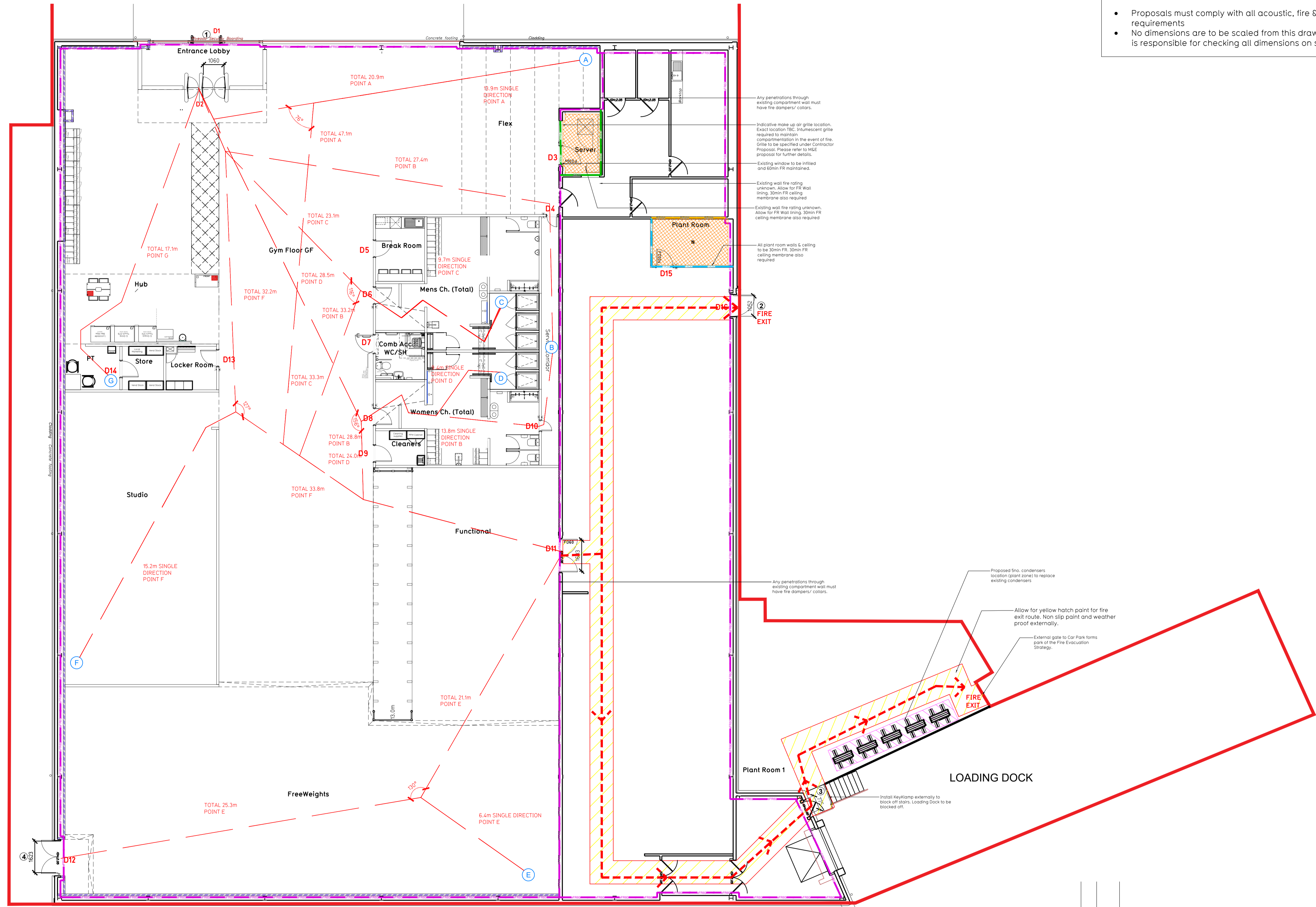


NOTE:

- 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

| 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) |
| | 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. |
| | Fire Escape Route |
| | 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
 Final Exit D1 limited by Exit D2 Clear Opening Width = 1060mm (allows 222 persons to escape)
 Exit D1 Clear Opening Width = 1603mm (allows 330 persons to escape)
 Final Exit D2 Clear Opening Width = 1627mm (allows 334 persons to escape, largest opening to be discounted)

Based on NIA of 10029sqft, the Puregym max peak occupancy = 207 persons
 Calculated using Puregym Fire Safety Occupancy Levels Forecast Tool.
 The designated occupancy of the unit as calculated would allow a max. No. of 552 persons, which is larger than the total estimated occupancy target of 207 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 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.

Fire Stopping
 All perimeter edges of mezzanine 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 CD 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 14.

| Rev | Date | Description | Drawn/Checked |
|-----|------|-------------|---------------|
| | | | |

| | | | |
|---|----------|-----------------------------------|---------|
| PROJECT TITLE | | DRAWING TITLE | |
| Barnsley Former Jaks, Wombwell Lane, Barnsley S70 3NS | | Fire Evacuation Plan Ground Floor | |
| DRAWN BY | DATE | SCALE | ISS No. |
| SKJM | 01.02.24 | 1:100 @ A1 | 2371 |
| DRAWING PURPOSE | | | |
| CONSTRUCTION | | | |

Rev C01

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