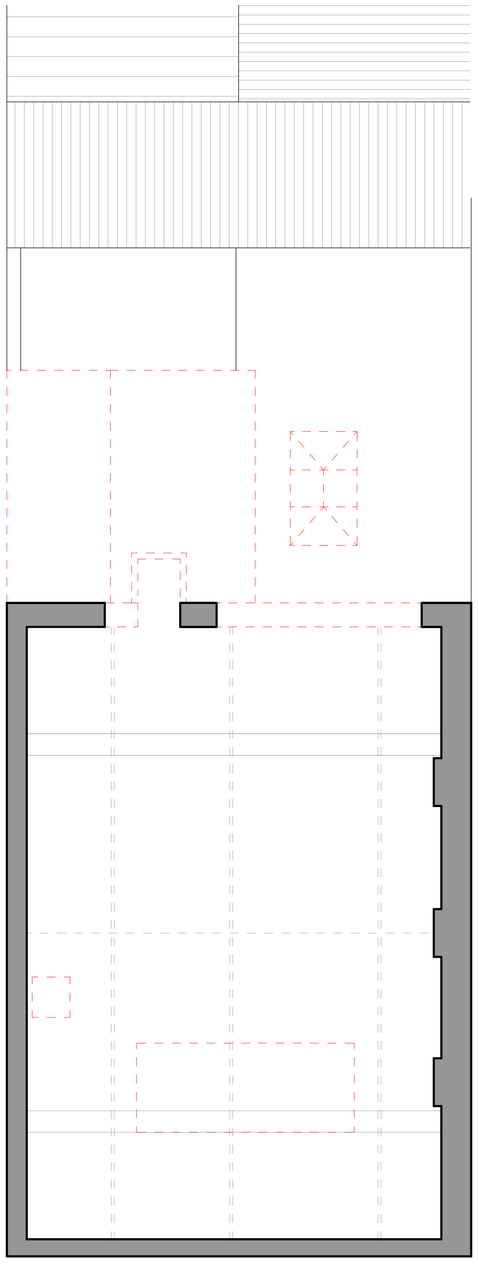
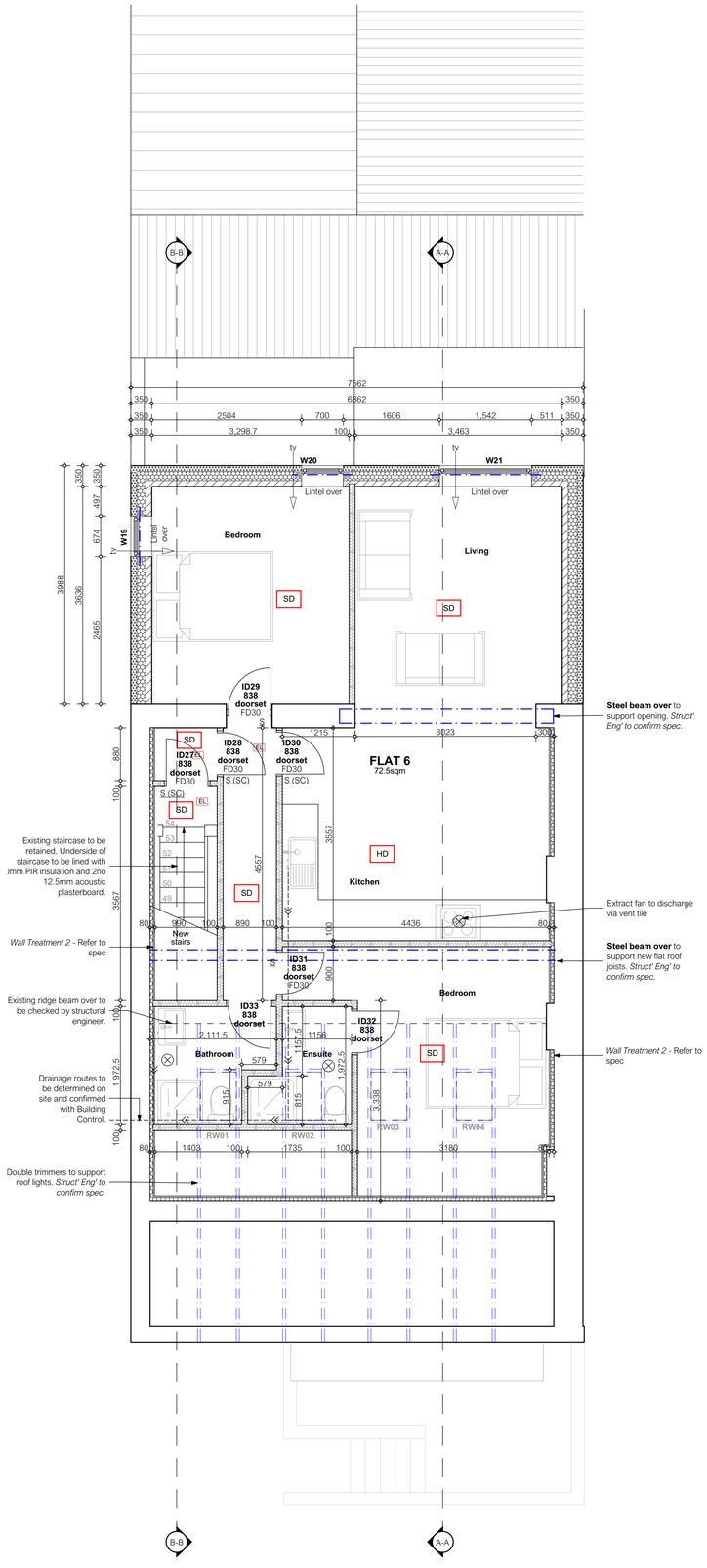
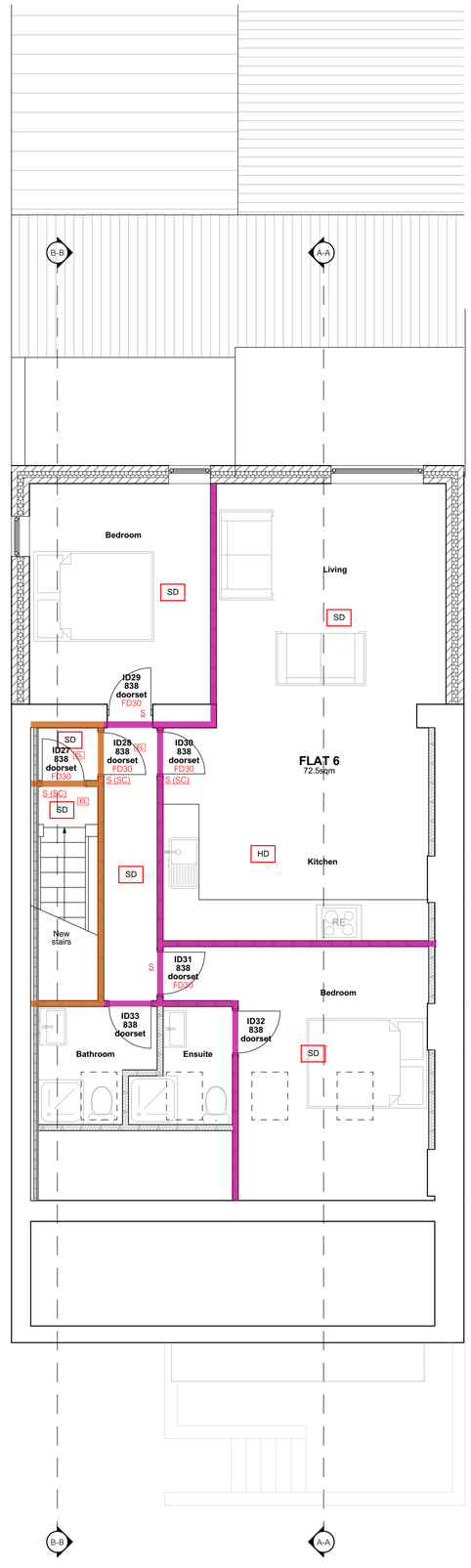


Third Floor Demolition Plan
Scale 1:50



Third Floor Plan
Scale 1:50



Third Floor Fire Strategy
Scale 1:50

SUPERSTRUCTURE KEY

SVP	Soil and Vent Pipe
SD / HD	Smoke Detector / Heat Detector
	Extract fans and ductwork routes. (See specification for more details).
1200 / 1200	Depth of window/door opening

Floors & Acoustic Treatment: The existing floor joists are to be retained throughout. Existing floorboards may be retained, new, to to be completed with 18-22mm floor grade chipboard.

Hard surface floors to wet areas to be installed over floorboards/flooring grade chipboard on first and second floors. Install Hush Acoustics - Hush Panel 28. Comprising 18mm High Density P5 Moisture Resistant tongued and grooved chipboard with 10mm Hushfelt resilient layer. Total overall thickness 28mm.

Note: Existing ceiling to be retained, with new ceiling installed below- Provide 100mm mineral wool insulation within the structural floor void/existing ceiling void.
The cavity between the top fo the new ceiling boards and the underside of the existing ceilings/floor joists should be a minimum of 200mm and should be sufficient to ensure there is a minimum gap of at least 15mm from insulation to existing ceiling/joists.

Floors to achieve 43dB (airborne) and 64dB (impact) acoustic reduction through remediation as indicated above. All to be sound tested prior to completion.

WALL TYPE KEY

Existing Structure Retained, with Wall Treatment 1:

Wall Construction to achieve minimum: U-Value 0.30W/m2.K

Internal Insulation Dry Lining System. DPC strips to internal face of wall (where utilising timber battens only) or; provide metal stud/channel system, ensuring minimum of 50mm gap between outside face of stud and existing wall. Kingspan Kooltherm K118 Insulated Plasterboard, at 62.5mm thickness. (Or similar approved insulated plasterboard with a Thermal Conductivity of 0.018W/mK.
Refer to Construction Specification for more details.

Existing Structure Retained, with Wall Treatment 2:

Wall Construction to achieve minimum: 43dB Sound Resistance

Existing internal walls.
Install British Gypsum Gypframe GL1 lining channel framework or simliar, to allow for a minimum of 35mm cavity. Installing a minimum of 25mm APR1200 in the cavity, with 2no. 15mm Gyproc SoundBloc plasterboard to room side. 2no. 12.5mm Gyproc Wallboard plasterboard to other side of wall.
Refer to Construction Specification for more details.

New Non Load Bearing Separating Partition:

Wall Construction to achieve minimum: 43dB Sound Resistance and 60 minute Fire Resistance.

British Gypsum System, comprising;
2no. layers of 15mm Gyproc Soundbloc plasterboard to both sides of a 89mm timber studs (90mm nominal) resilient bars to both sides, with 50mm APR1200 in the cavity. Wall 162mm thick. Refer to Construction Specification for more details.

	102.5 x 65 x 215mm Brickwork finish to match existing.
	100mm blockwork. (3.6N) Engineer to confirm density.
	Insulation (Refer to Specification for type)
	British Gypsum System comprising; 1no. layer of 12.5mm Gyproc Wallboard plasterboard to both sides of a 70mm timber studs.
	British Gypsum System comprising; 1no. layer of 12.5mm Gyproc Wallboard plasterboard to both sides of a 70mm timber stud. Fill stud with 50mm APR1200 in cavity.

This drawing is to be read in conjunction with any consultant / specialist manufacturer information / drawings and specifications.

Refer to - Acoustic Specification Document

FIRE KEY

	Walls providing 60 minutes fire protection. Refer to Construction Specification for details.
	Walls providing 30 minutes fire protection. Refer to Construction Specification for details.
FD30	30 minute fire resisting doorset
(SC)	Self Closing Device to door leaf
S	Smoke seals to doorset

Signage: Emergency exit signage to be in accordance with Health and Safety Regulations (Safety Signs and Signals) 1996. Fire Escape signage to be in accordance with BS 7010:2012+A7:2017.

Emergency Lighting: Emergency Lighting shall be provided on all escape routes. The installation of such, is to be comply with BS: 5266 Part 1:2016.

Penetrations: All penetrations through FIRE RATED WALLS and ALL FLOORS to have fire stops / intumescent collars to maintain fire integrity of wall / floor.

General: All 60 minute partitions to be fixed full height to underside of structural floor. Or; provide fire breaks/curtains. Further information available within the Construction Specification.

All ducting and services to be fire stopped and sealed accordingly where passing through partition walls.

Rev	Description	Date
-	Client issue	15/01/2025

Notes
Copyright retained in accordance with the copyright design and patents act 1988. Dimensions must not be scaled from this drawing. The contractor is to check and verify all building and site dimensions before work is commenced. The Contractor is to check and verify with all Statutory Authorities and Employer the local and condition of any underground or overhead services or confirm that none exist prior to work commencing on site.

CDM Regulations 2015:

Denotes a significant hazard or difficult to manage procedure. Please refer to 'Designer Risk Assessment' for further information regarding mitigation of hazards.

CDM Regulations, require all projects to:
- Have workers with the correct skills, knowledge, training and experience.
- Contractors providing appropriate supervision, instruction and information.
- A written Construction Phase Plan.

Benchmark Architecture are appointed as 'Designer' only, unless appointed by the client in writing to confirm Benchmark Architecture's role as 'Principal Designer'.

BENCHMARK ARCHITECTURE
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PRELIMINARY

Client	Benchmark Group Limited		
Site	52-54 George Street, Hull, HU1 3AJ		
Project	GS - 054		
Drawing	Third Floor Plans		
Number	GS - 054 04 04		
Date	January 2025	Tech	KV
Scale	1:50	Paper Size	A1