

3.0 DESIGN PROPOSALS & DEVELOPMENT

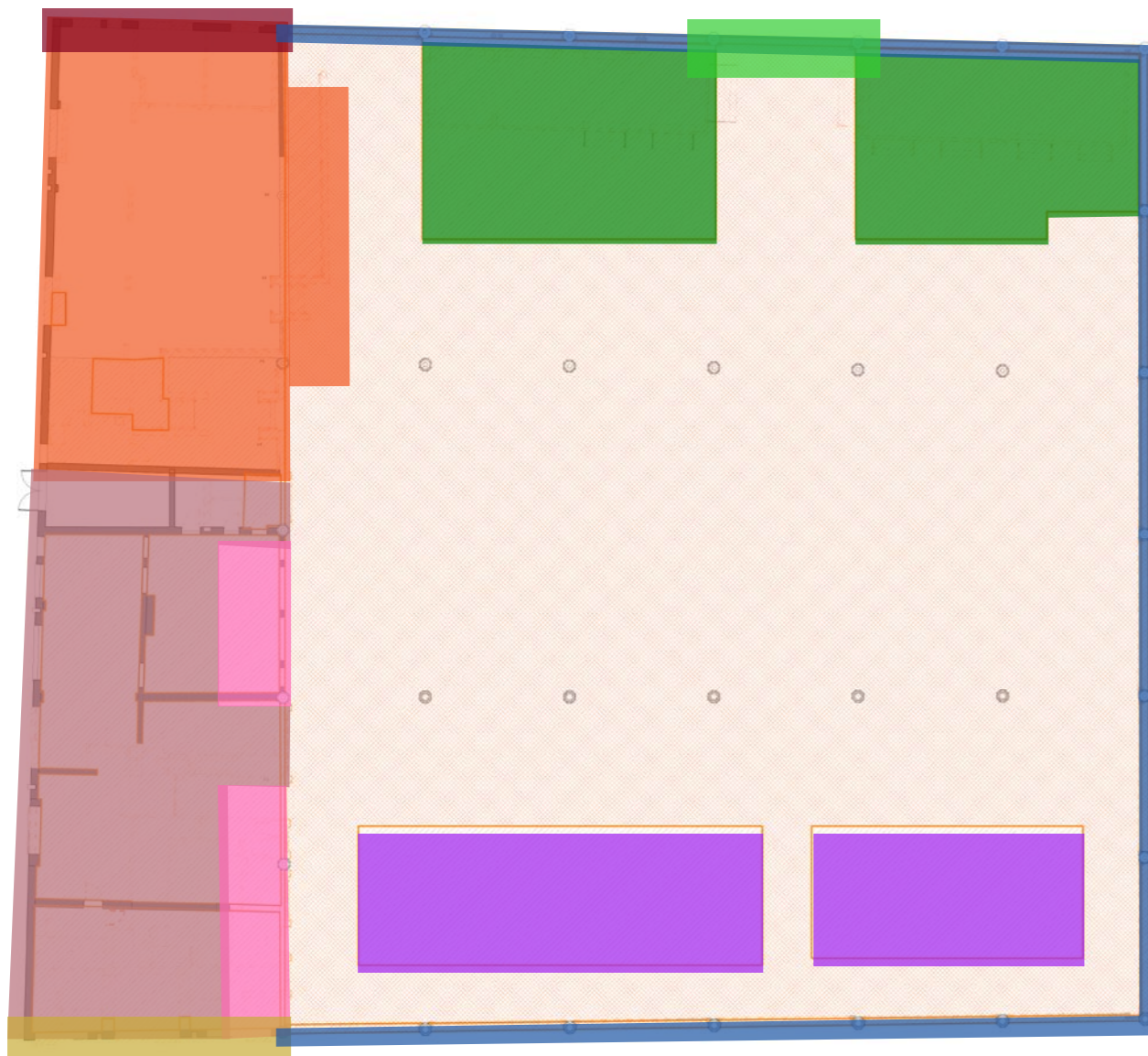
3.3 Architectural Interventions

3.3.01 Executive Overview

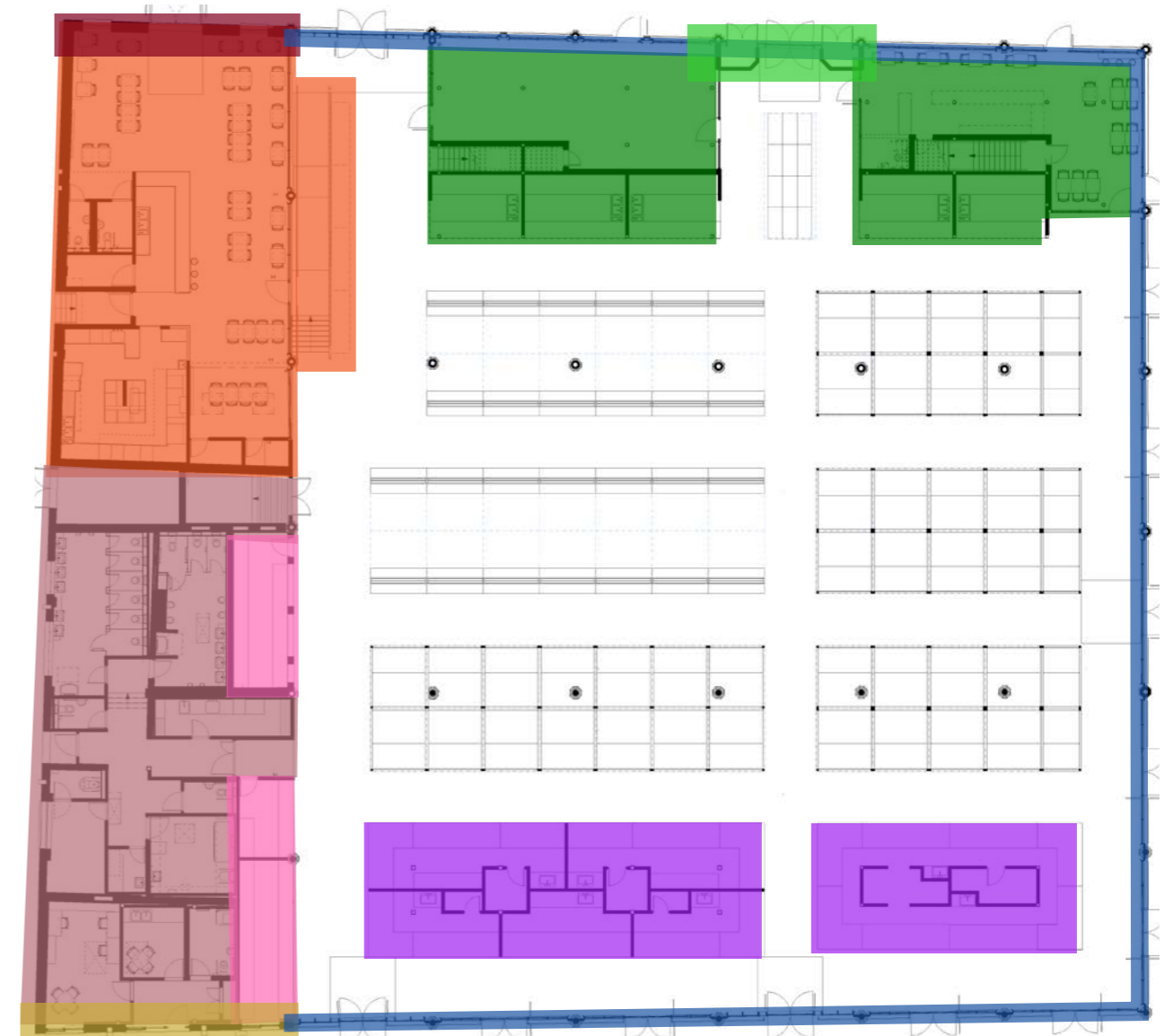
The proposed architectural interventions establish a clear framework for how the Market Hall and its annexes will be adapted, repaired, and reconfigured to secure the building's long-term future. The diagram identifies the principal volumes subject to intervention, including new self-contained units, replacement fixed stalls, and upgraded glazed envelopes, alongside

restoration of the historic annexe façades. These proposals balance sensitive conservation with contemporary requirements for trading, servicing, and public use. Each intervention has been carefully considered to enhance the market's function, respect its heritage setting, and create a more legible and resilient environment for traders and visitors alike.

- Glazed Envelope
- Self-Contained Units
- ASHP Units
- Annexe 01 Facade
- Annexe 01
- Annexe 02/03
- Annexe Fixed Stalls
- Annexe 03 Facade
- New Fixed Stalls



Demolitions plan



Proposed plan

3.3 Architectural Interventions

3.3.02 Glazed envelope



Description

The proposals include the replacement of existing security shutters with a new glazed envelope system, incorporating glazed screens and doors to improve transparency, accessibility, and environmental performance. The curtain wall will be supported from the existing PFC steel columns with a new composite beam and continuous concrete base for stability. Integrated louvred panels and perforated metal screens will provide discreet ventilation routes for hot food units and ASHP systems. Additional electrically operated louvres and timber-clad infill ensure the façade can support essential MEP strategies while maintaining a cohesive architectural character.

Justification

The glazing strategy enhances the market's energy efficiency and user experience while removing barriers to access and visibility. Mechanical ventilation has been carefully coordinated to minimise visual impact and preserve the historic façades, balancing heritage protection with modern servicing requirements.



Existing photograph along Brook Street



Architectural render of glazed envelope along Brook street



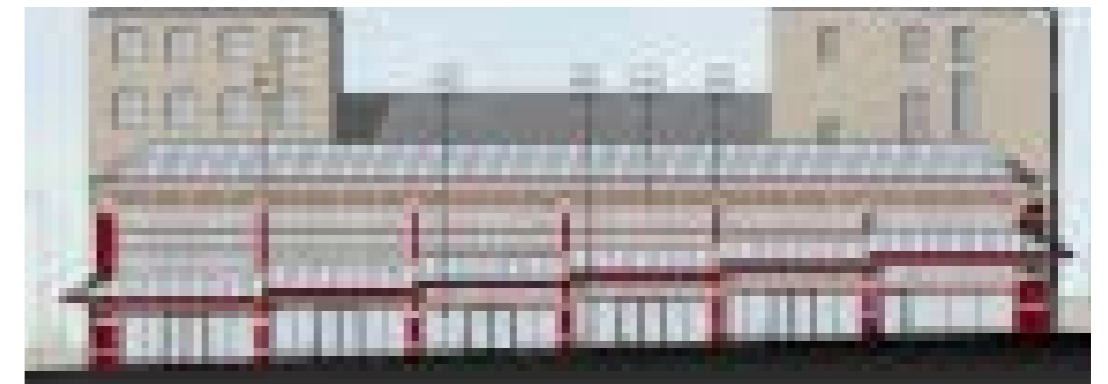
Demolitions Elevation - Lord Street



Proposed Elevation - Lord Street



Demolitions Elevation - Brook Street



Proposed Elevation - Brook Street

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3.3 Architectural Interventions

3.3.02 Glazed envelope



Byram Street Corner - Existing Photograph



Architectural render of glazed envelope along Brook street



Byram Street Corner - Architectural Render



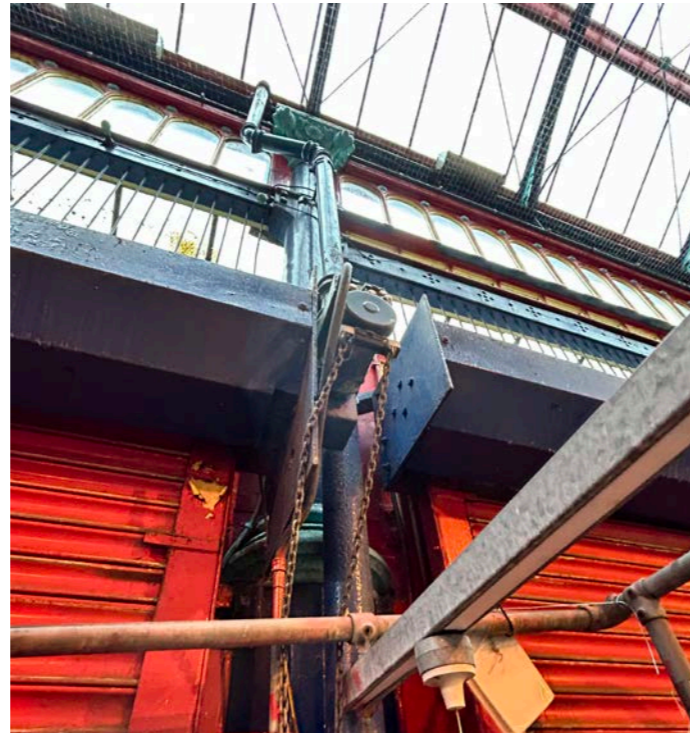
Architectural render of glazed envelope along Brook street

3.0 DESIGN PROPOSALS & DEVELOPMENT

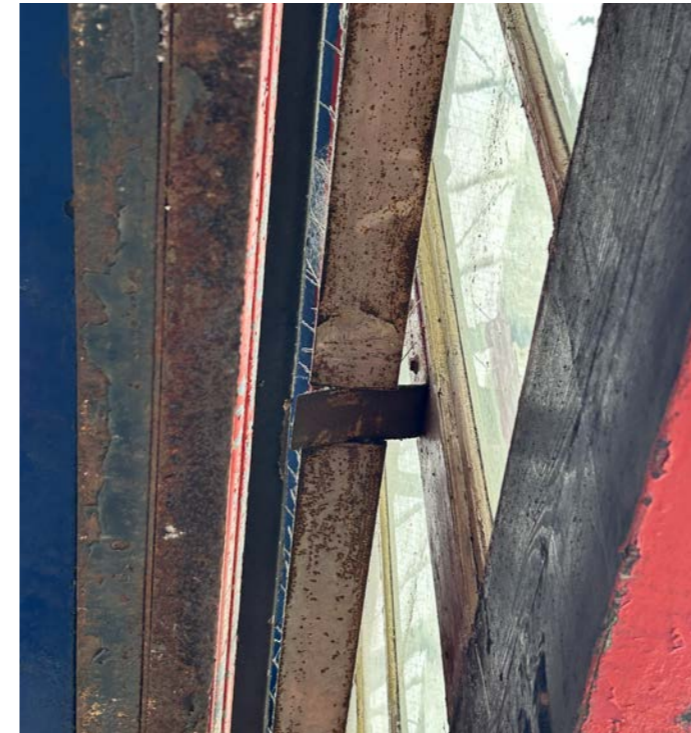
3.3 Architectural Interventions

3.3.02 Glazed envelope

Existing steel posts alongside glazed opening have been re-purposed. The existing metal security shutters have been removed and replacing them a curtain wall glazing system. A goal post will be installed around the top and sides of the openings attached to existing steel posts in order to reinforce them.



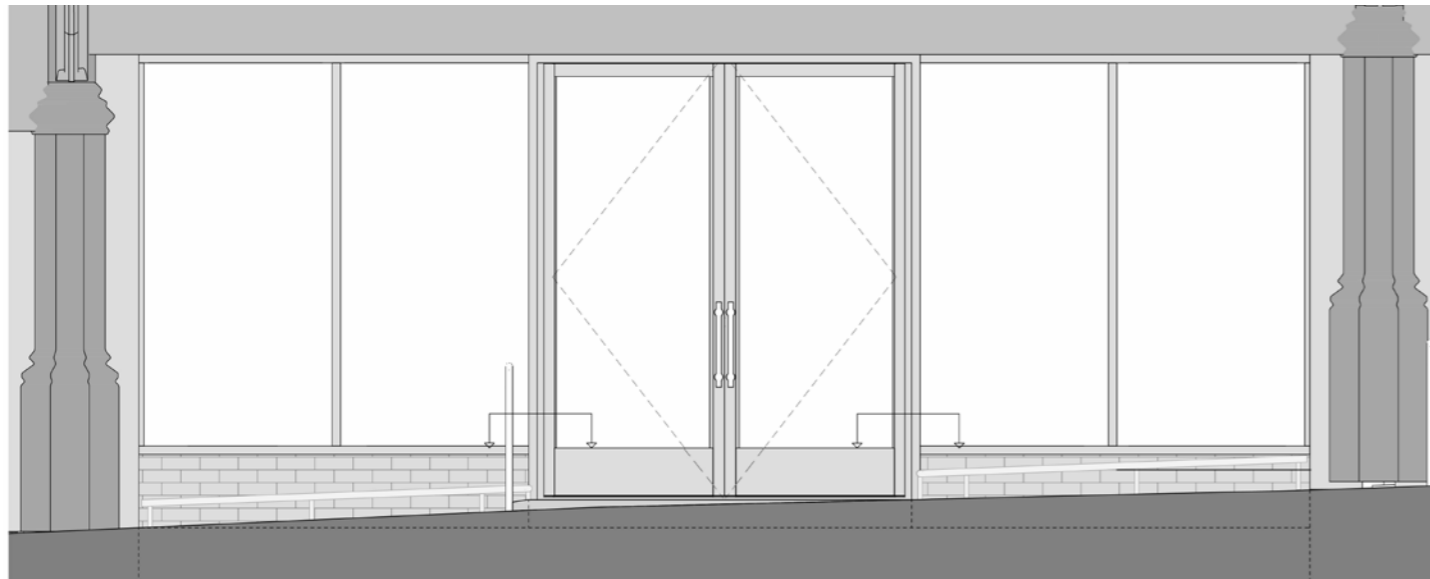
Photograph of existing opening details



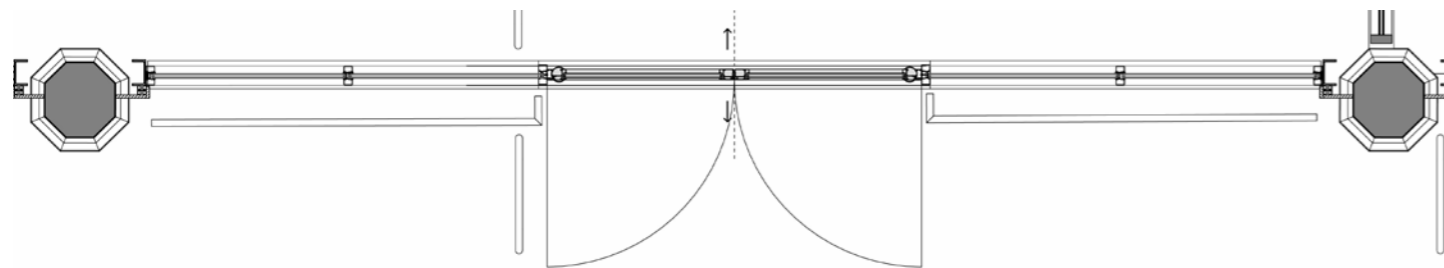
Photograph of existing opening details



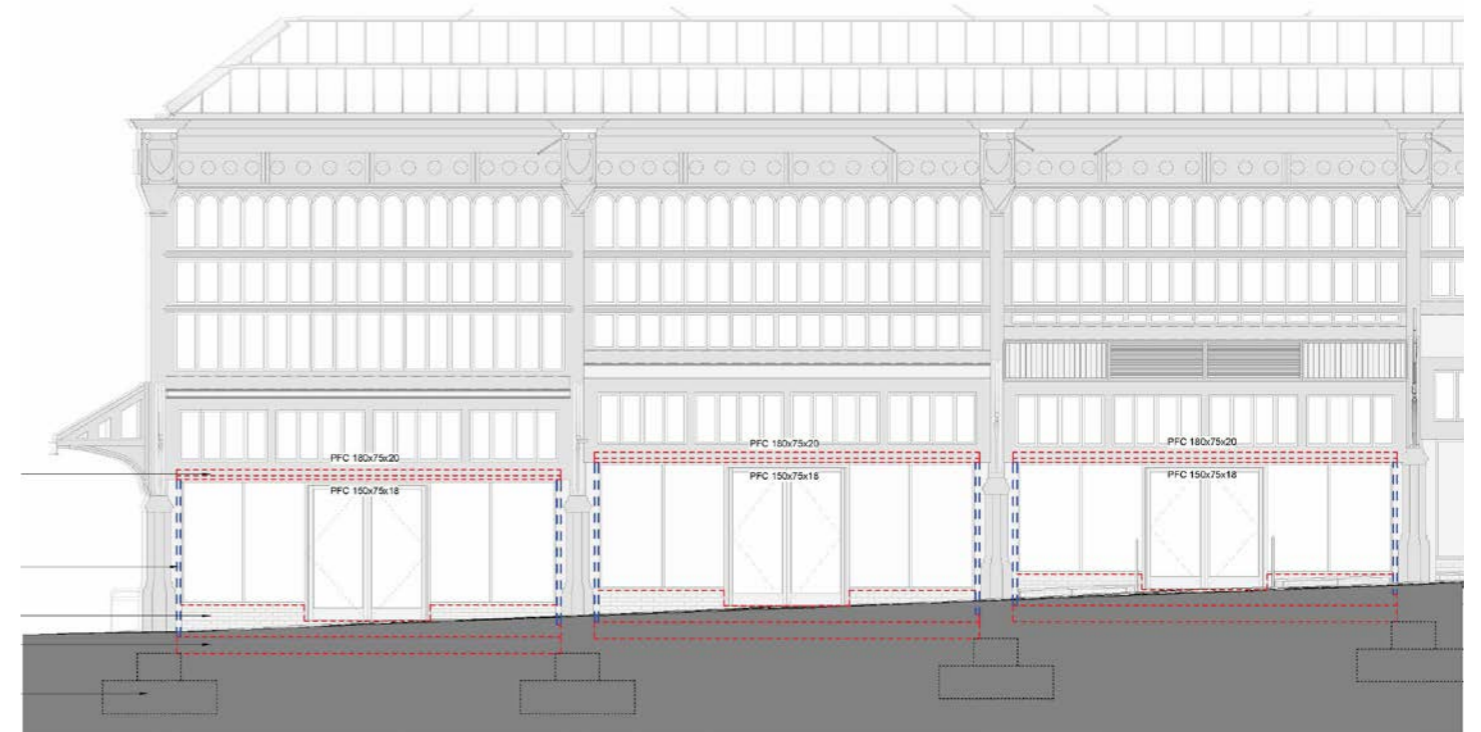
Photograph of existing opening details



Typical shopfront elevation



Typical shopfront plan



Brook street elevation showing foundation and glazing goal post intent

3.3 Architectural Interventions

3.3.03 Self-Contained Units

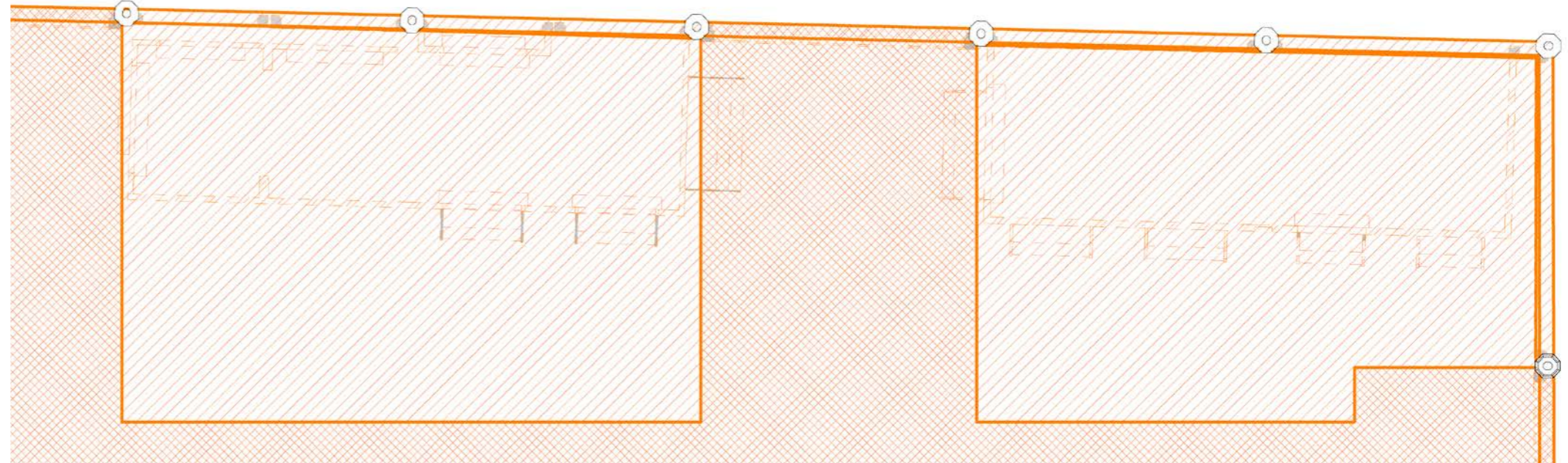


Description

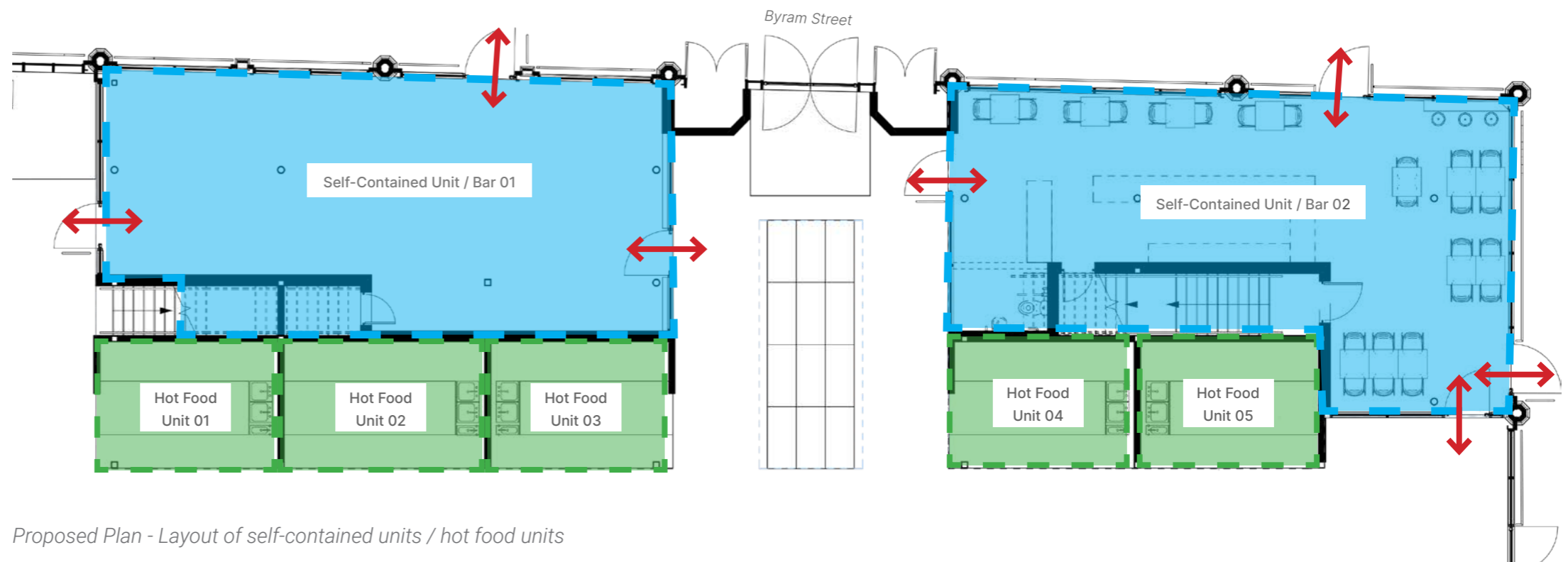
Two new self-contained bar/café units are proposed at ground floor, each incorporating serving areas, dedicated seating, and integrated hot food stalls to enhance the food and beverage offer within the market. Both units include mezzanine levels overlooking the Market Hall and event stage, providing additional seating with a maximum occupancy of 60 people each. Access is provided internally from the Market Hall and externally via Byram Street and Brook Street. M&E plant is discreetly accommodated on mezzanines, with external condensers positioned near entrances to minimise visual and spatial impact.

Justification

The self-contained units diversify the market’s offer, encouraging longer visitor dwell time and supporting evening use. Their positioning strengthens street activation along Byram and Brook Streets, while integrated servicing strategies ensure functionality without undermining the heritage character or openness of the Market Hall.



Demolitions Plan - Focused on self-contained unit zone



Proposed Plan - Layout of self-contained units / hot food units

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3.3 Architectural Interventions

3.3.03 Self-Contained Units



Existing unit in market hall



Existing unit in market hall



Proposed self-contained unit 02



Proposed self-contained unit 01

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3.3.03 Self-Contained Units

MEP and Structural Strategy

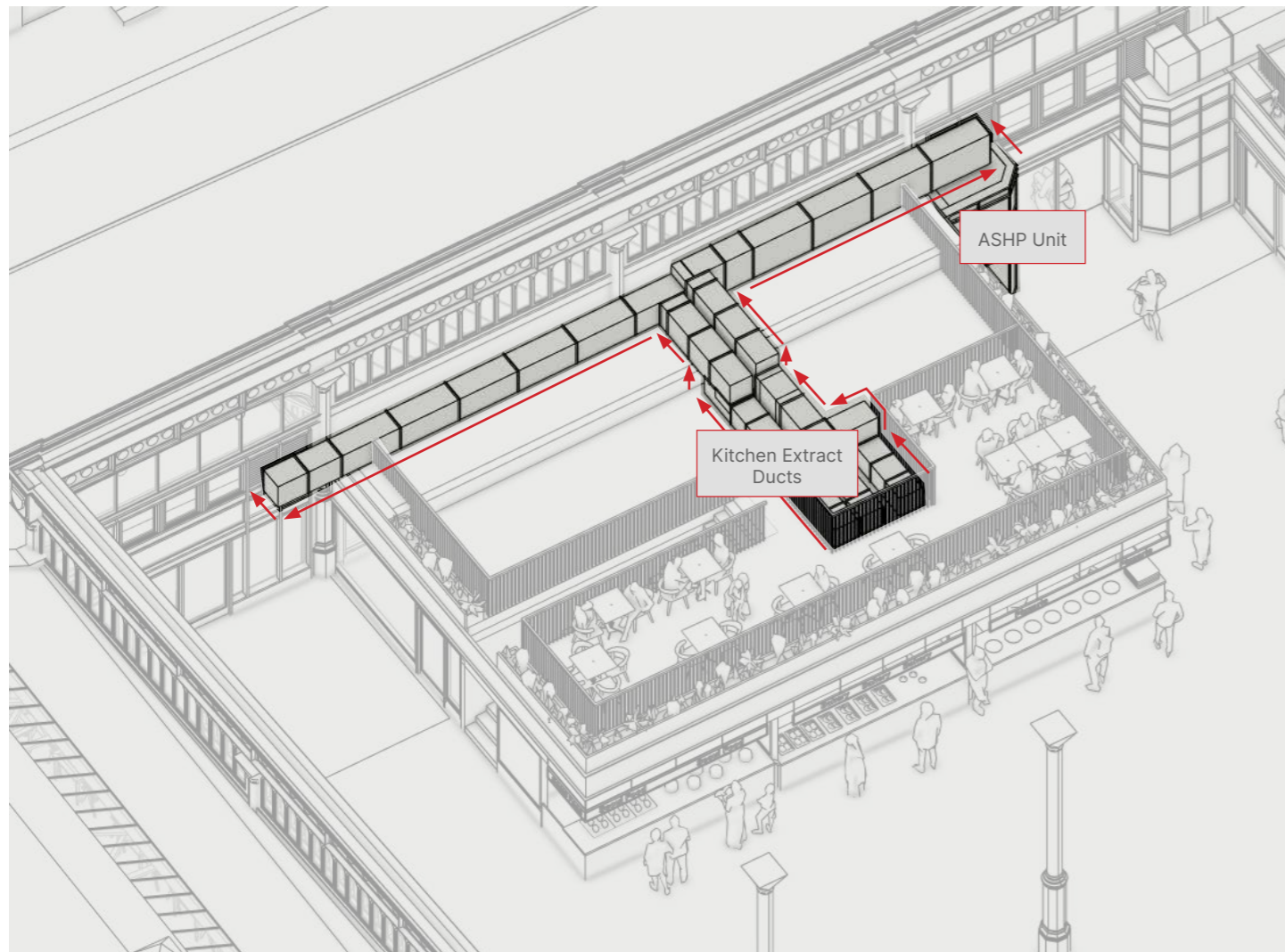
Heating and cooling for the self-contained units will be provided using refrigerant heat pump systems, with external condenser units located near the café/bar entrances. External louvres will allow air intake and heat rejection. Ventilation will be provided by

individual MVHR units, located on the mezzanine floor with high-level intake and exhaust louvres on the façade. Extract canopies will serve each hot food unit, with routes leading to external louvres. Above-ground waste pipes and drainage pop-ups will meet tenant fit-out needs, and metered MCWS connections,

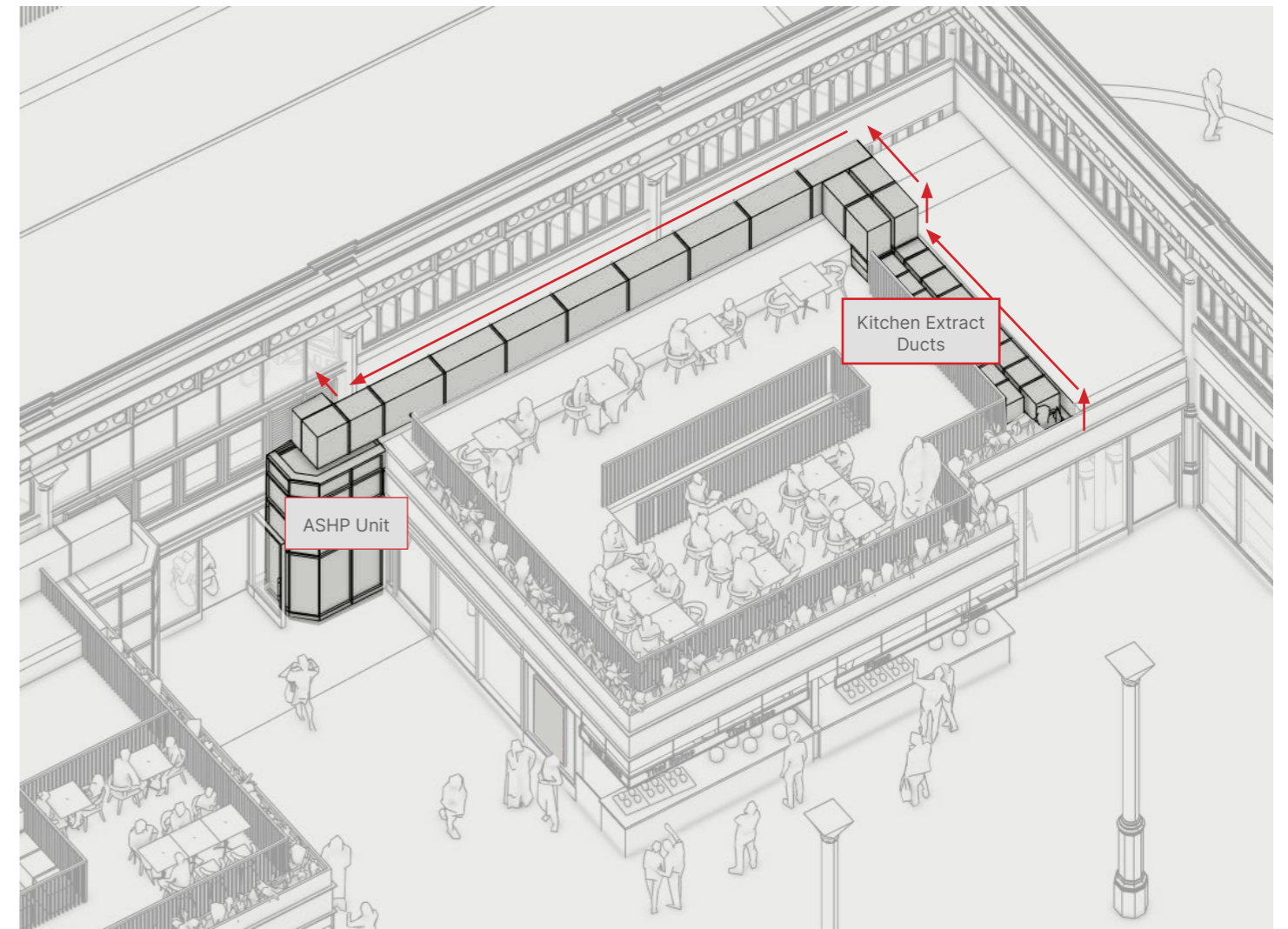
with capped supplies, will be provided. Tenants are responsible for domestic hot water installation, though hot food units will include electric water heaters.

Structurally, existing column foundations must

remain stable during construction. The floor will be replaced with a ground-bearing slab, with new steel columns on pad foundations. The lower mezzanine will use a composite metal and concrete deck, while the upper mezzanine will feature a timber deck with rafters.



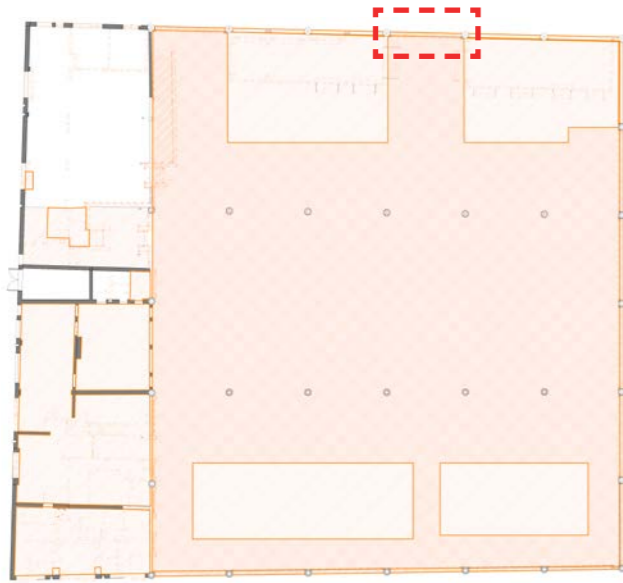
Self contained unit 01 proposed MEP strategy



Self contained unit 01 proposed MEP strategy

3.3 Architectural Interventions

3.3.04 ASHP Enclosure



Description

The ASHP units are enclosed within blockwork walls, supported on reinforced concrete footings to structural engineer specifications. Ventilation is provided through perforated metal doors and curtain wall panels. The enclosures integrate timber panelling, skirting, and glazed systems with aluminium base rails fixed to existing beams.

Justification

The enclosures ensure ASHP units are accommodated discreetly while maintaining ventilation and access through perforated metal panels and doors. Integration with existing ornate framing, structural beams, and glazing systems allows for both functionality and architectural continuity. Concealed ducting supports kitchen and hot food unit extracts, while automated glazed openings support environmental control. The design satisfies coordination, planning, and listed building consent requirements.



3.3 Architectural Interventions

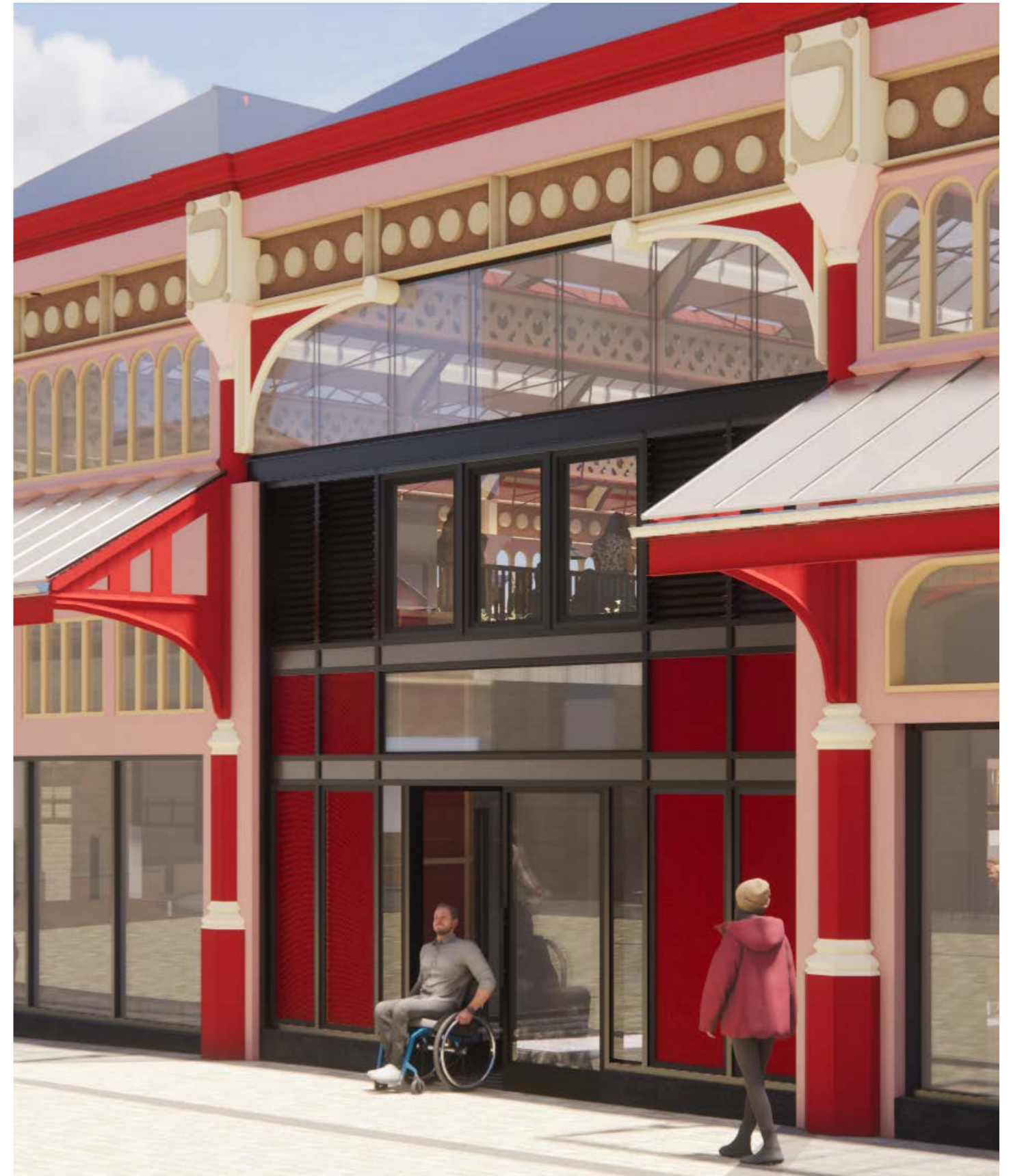
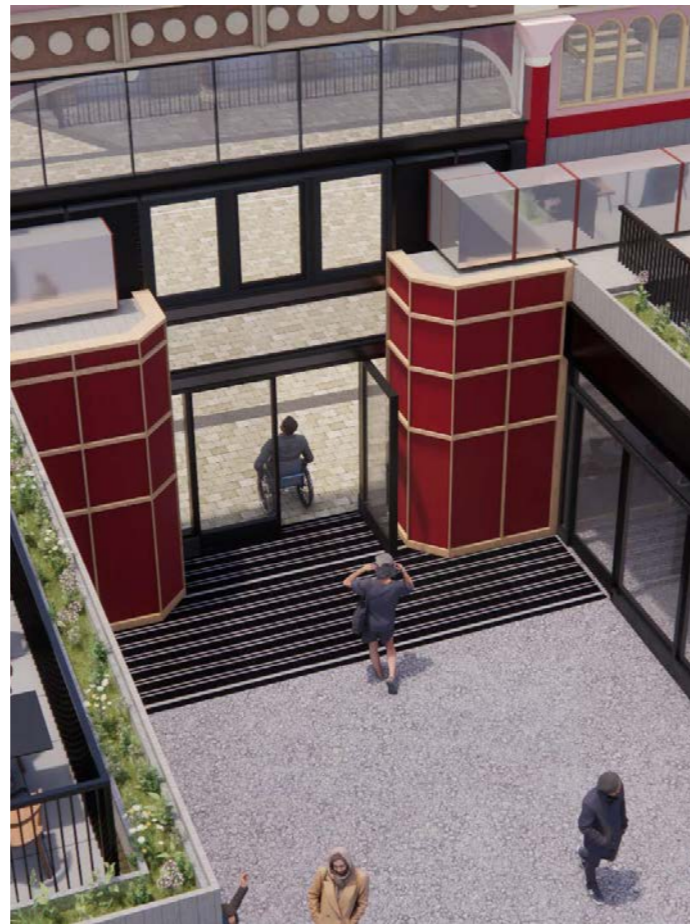
3.3.04 ASHP Enclosure



Decorative cladding for ASHP unit precedent



Decorative cladding for ASHP unit precedent



3.3 Architectural Interventions

3.3.04 ASHP Enclosure

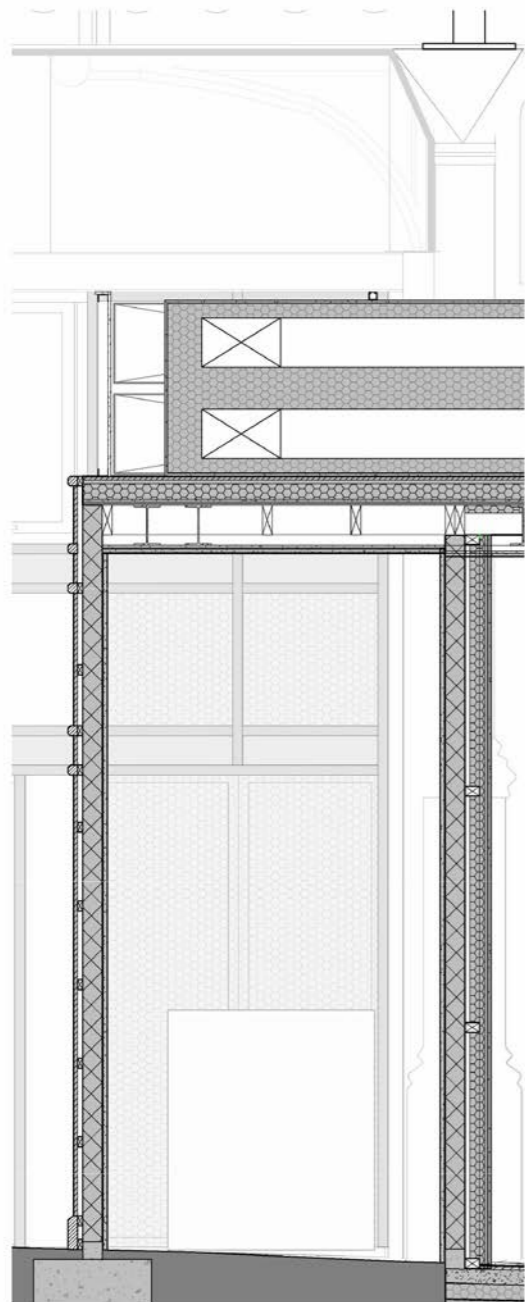
Referenced Drawings

Typical ASHP Rejection Unit Enclosure Design Intent

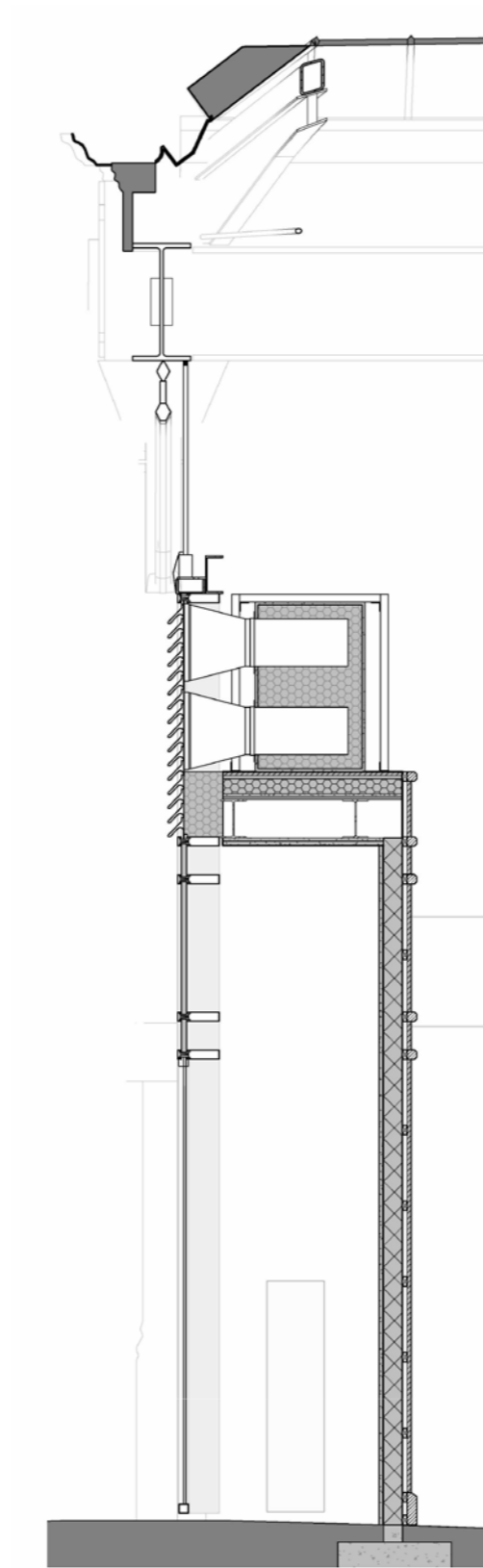
Sheet 01/02

HMH-GSA-MH-ZZ-D-A-7107

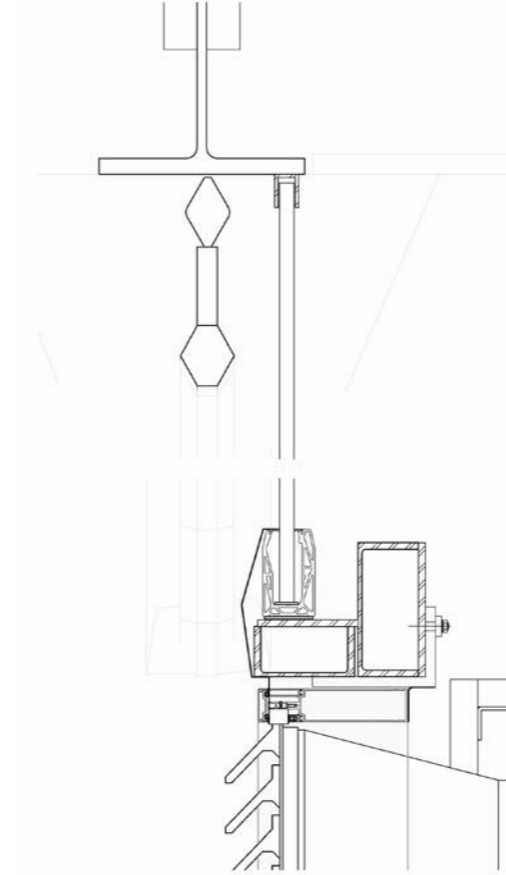
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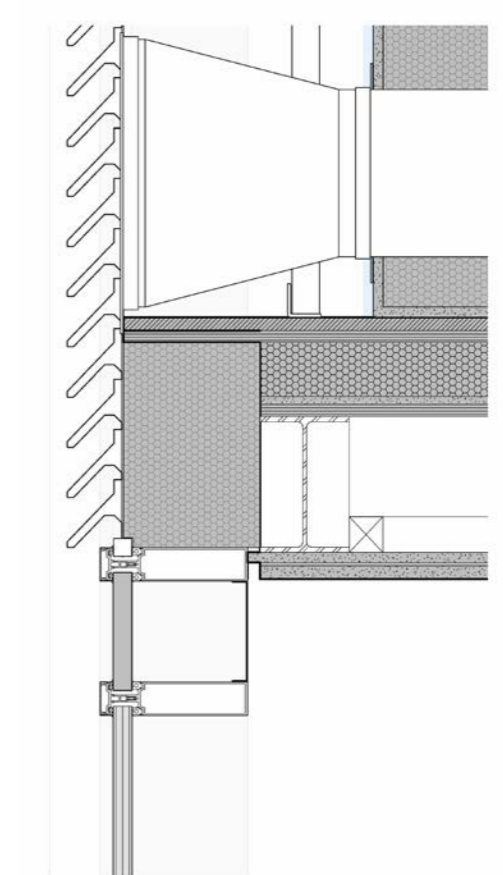
ASHP Unit 02 Section 02



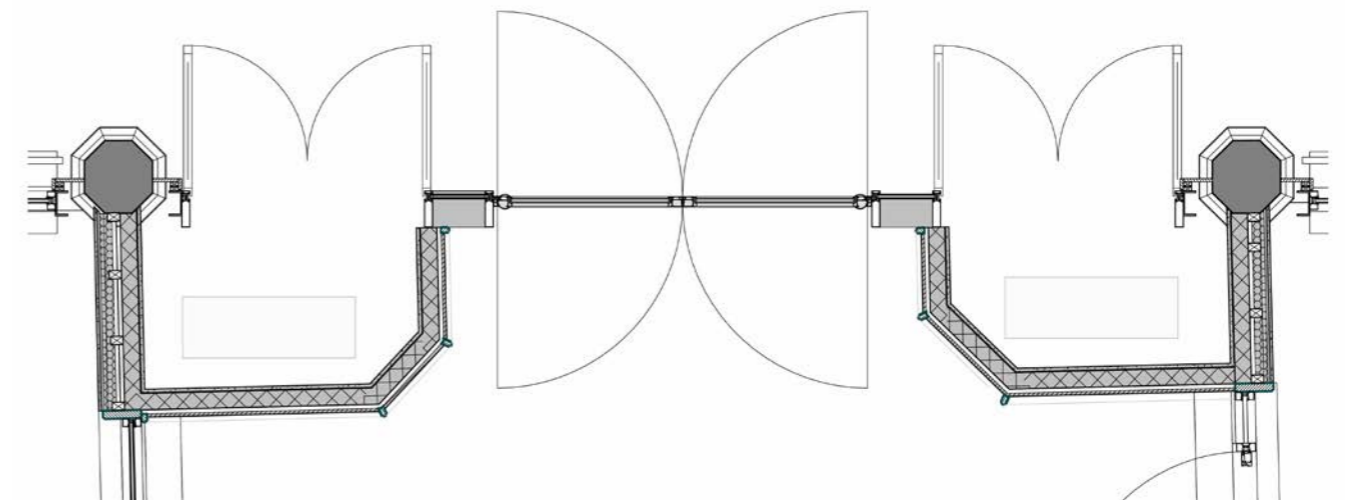
ASHP Unit 01 Section 01



ASHP enclosure detail



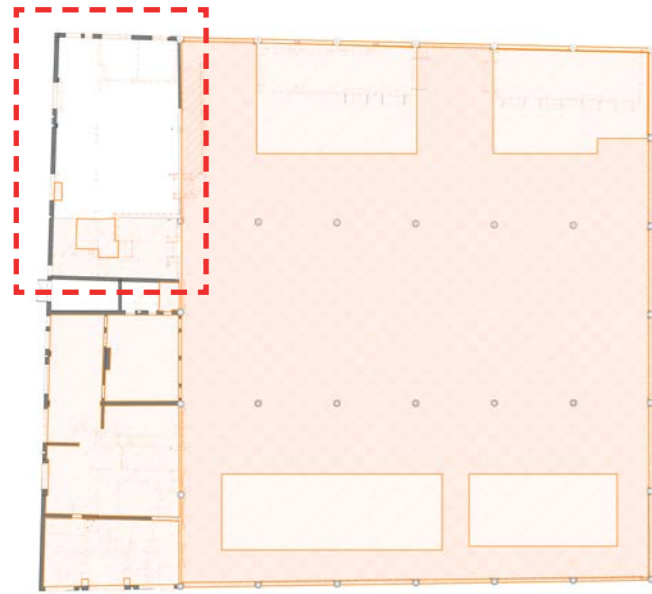
ASHP enclosure detail



ASHP enclosure plan

3.3 Architectural Interventions

3.3.05 Market Annexe 01



Annexe Elevation Option Study

A number of options were explored to test how different openings would impact the composition of the existing retained annexe.

The preferred option is for a subtle and traditional intervention that increases the permeability of the facade, while retaining the ancillary and 'heavy' character of the masonry facade.

Option 1 was chosen for the purposes of Stage 2 Concept design, further exploration is to be done at Stage 3 to determine the preferred arrangement.



Option 1



Option 2



Option 3



Option 4



Option 5



Option 6



Option 7



Option 8



Option 9



Option 10 - Open



Option 10 - Closed

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3.3.05 Market Annexe 01

Description

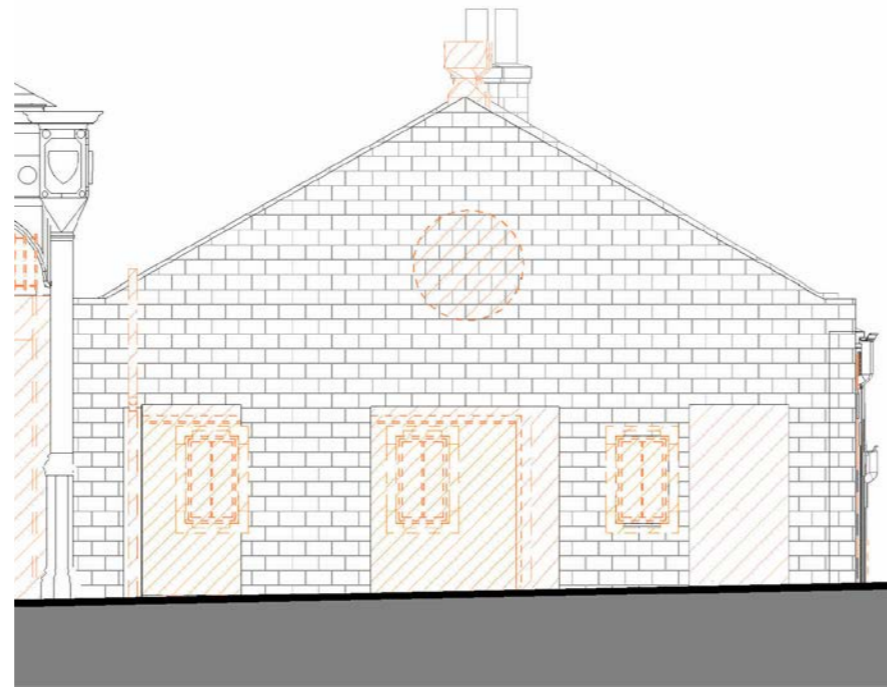
The annexe façades will undergo sensitive modifications to improve functionality and character. Redundant chimneys and rainwater pipes will be removed where unnecessary, with new openings formed for feature windows and a new entrance door. Certain existing windows will be enlarged or infilled to match surrounding masonry. Decorative sliding doors, metal framed glazing, and stained glass oculus windows will enhance articulation.

Justification

These interventions modernise the annexe façades while respecting heritage fabric. Removal of redundant elements simplifies the elevations, while new glazing and enlarged openings increase transparency and improve accessibility. Repurposing existing goods doors as decorative sliding screens acknowledges historic use, and the introduction of stained glass and crafted detailing provides a sensitive yet contemporary layer that strengthens the annexe's architectural identity.



Barn doors to be re-purposed



Demolitions Elevation - Byram Street



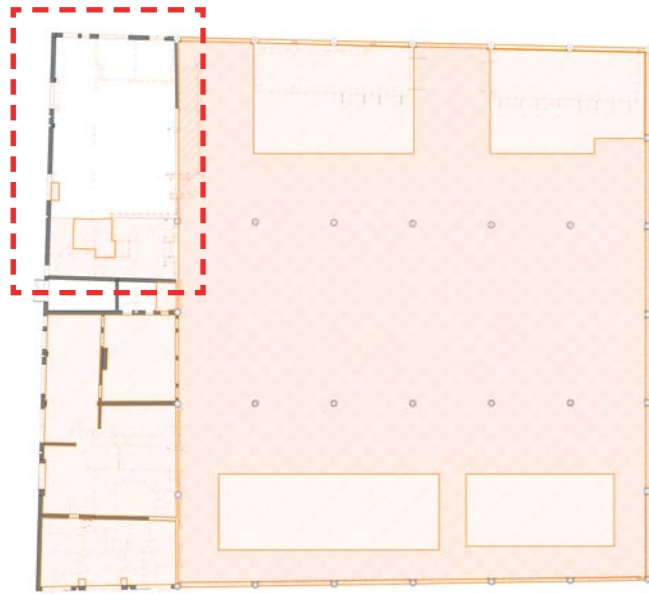
Proposed Elevation - Byram Street



3-D Render - Byram Street

3.3 Architectural Interventions

3.3.05 Market Annexe 01

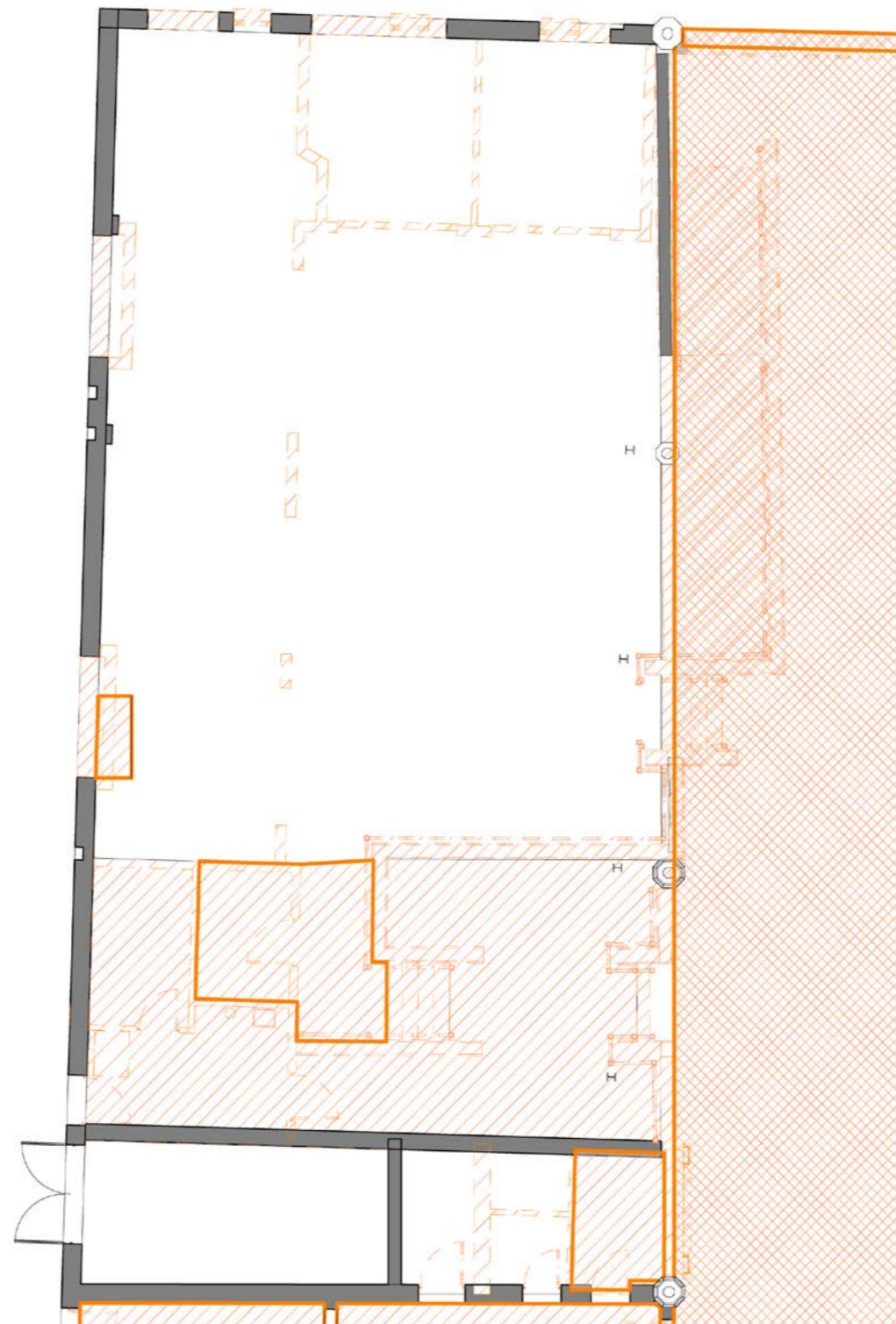


Description

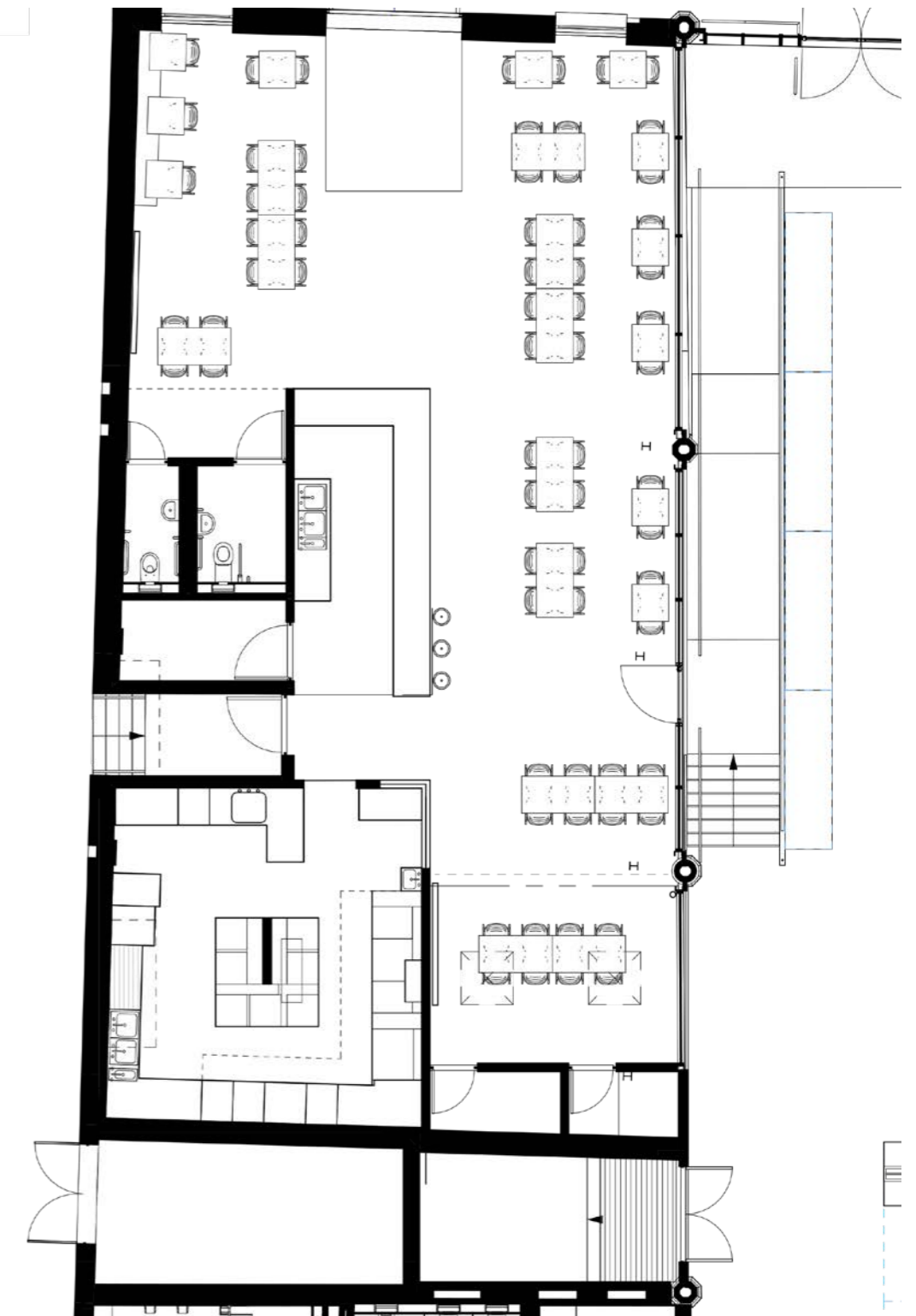
Annexe 01 is retained and repaired, with new thermal upgrades to floors, walls, and roof to improve energy performance. The space is reconfigured as a heated community facility, providing a bar, commercial kitchen, WCs, storage, and secure office. Access is gained from Byram Street via new glazed doors with decorative timber screens, a back-of-house side entrance, and a new ramp/staircase connection from the Market Hall. Additional glazed openings enhance outward views. Internally, suspended flooring ensures level consistency. A mezzanine plant deck houses MEP equipment, with louvres integrated into the façade for ventilation.

Justification

The intervention secures the long-term functionality of the Annexe by improving environmental performance and broadening its utility. New glazing and thermal upgrades enhance accessibility, transparency, and efficiency. Sensitive replacement of materials and discreet plant integration ensure heritage character is respected.



Demolition Plan - Annexe 01



Proposed Plan - Annexe 01

3.0 DESIGN PROPOSALS & DEVELOPMENT

3.3 Architectural Interventions

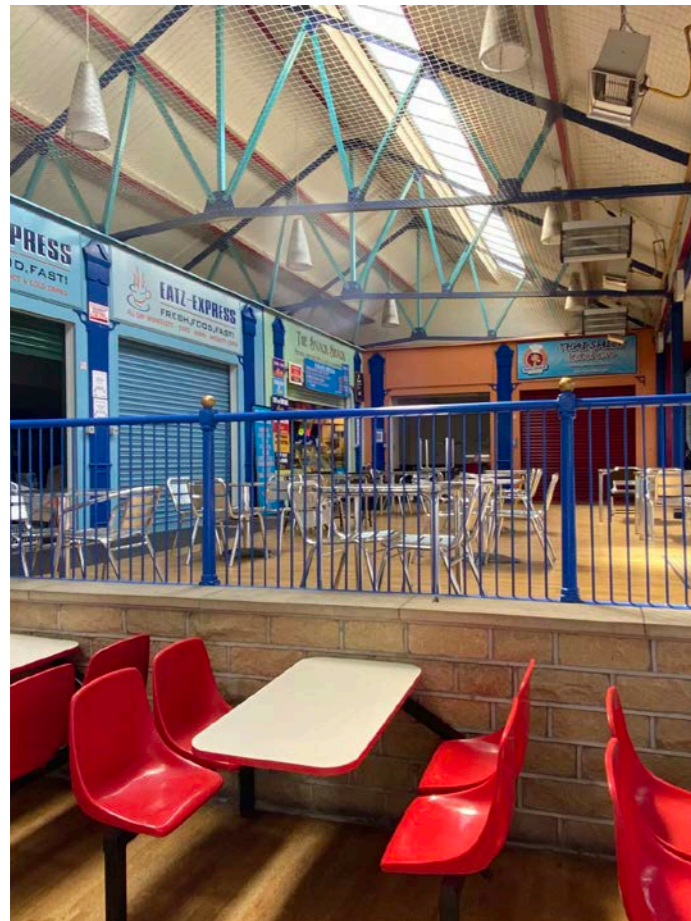
3.3.05 Market Annexe 01



Existing annex 01 photograph



Community cafe interior visualisation



Existing annex 01 photograph



Community cafe interior visualisation

3.0 DESIGN PROPOSALS & DEVELOPMENT

3.3 Architectural Interventions

3.3.05 Market Annexe 01

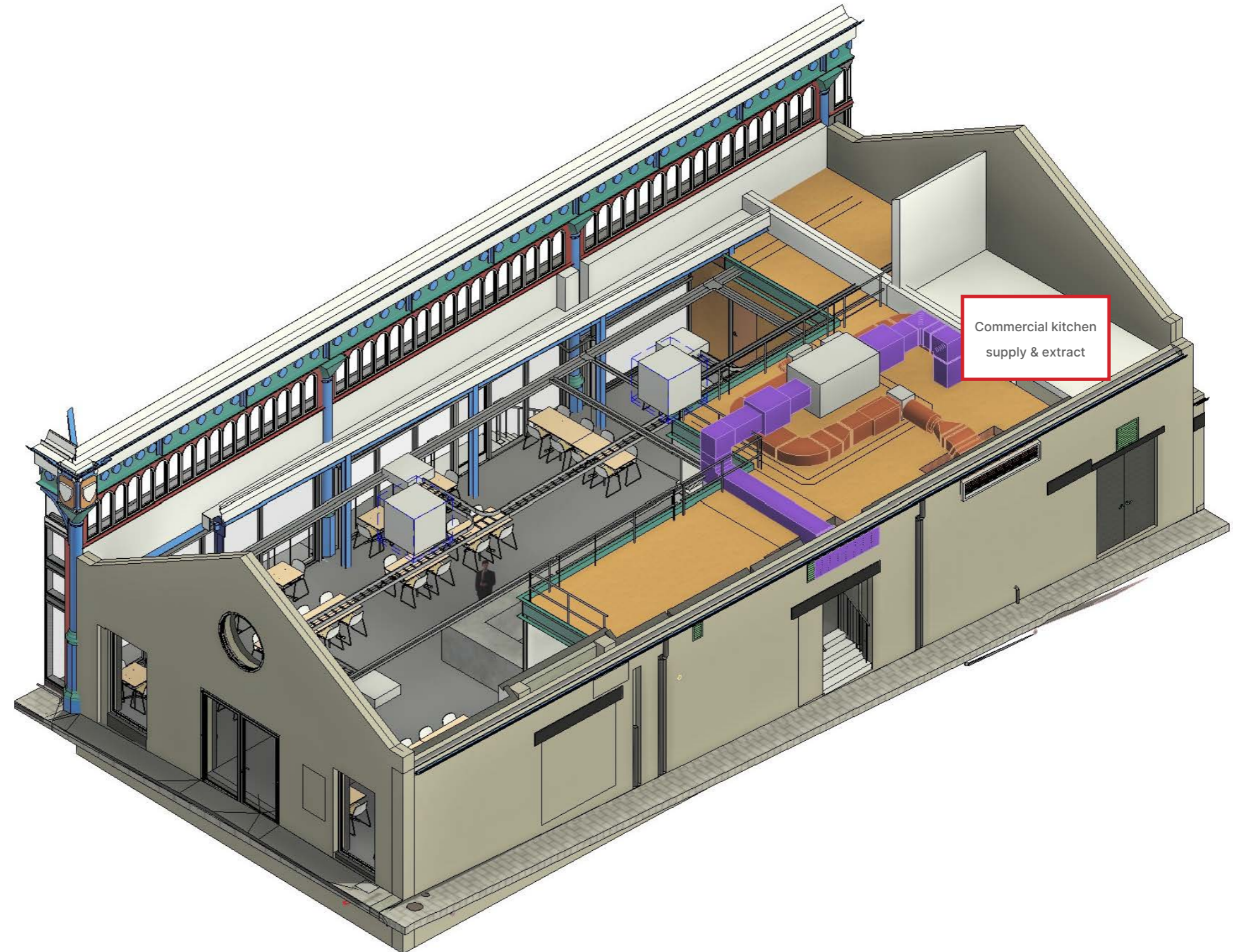
MEP Strategy

Supply air handling unit and kitchen extract system, with insulated ductwork for the commercial kitchen have been placed at first-floor level in a designated plant space with intake and exhaust louvres located at high level on the facade. Additionally local toilet extracts are supplied in each WC.

The Annex Bar will be naturally ventilated with roof-mounted 'wind catchers' to provide fresh air and extraction.

New drainage connections will be provided to serve the WCs and bar in the Warm Box area, and the commercial kitchen within the Main Market.

A metered MCWS connection will serve the commercial kitchen, supplying all relevant equipment, and a mains cold water supply will also serve the WCs and bar area. Domestic water supply in WCs is provided by instantaneous water heaters. Adequately sized water heater is provided within the commercial kitchen.



Annexe 01 MEP strategy - Design In progress

3.3 Architectural Interventions

3.3.05 Market Annexe 01

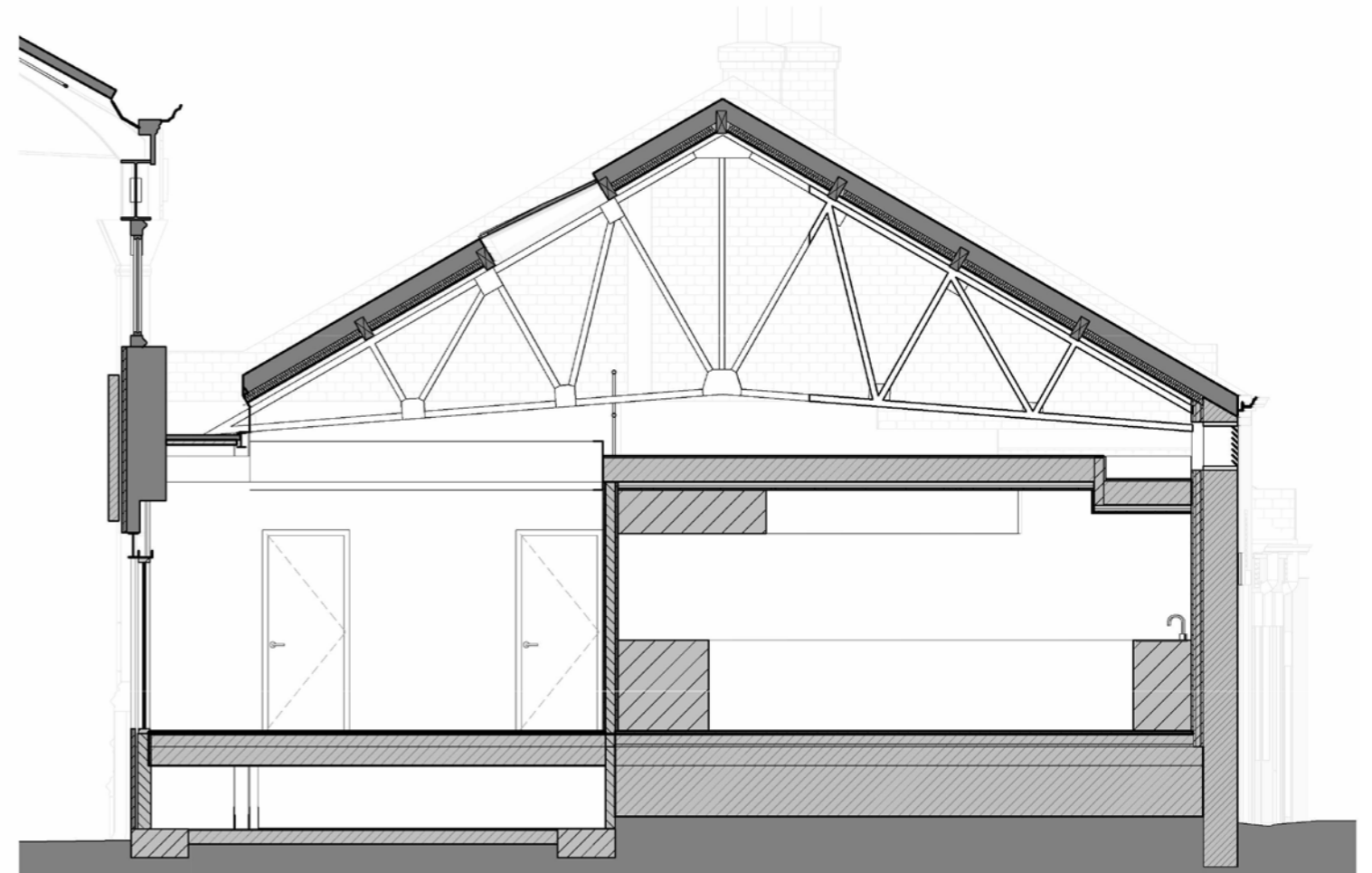
Structural Strategy

A new loft floor will be supported by timber roof joists and load-bearing walls. To reduce the span of the timber joists, a steel beam will be introduced to break the span into shorter lengths, ensuring structural integrity.

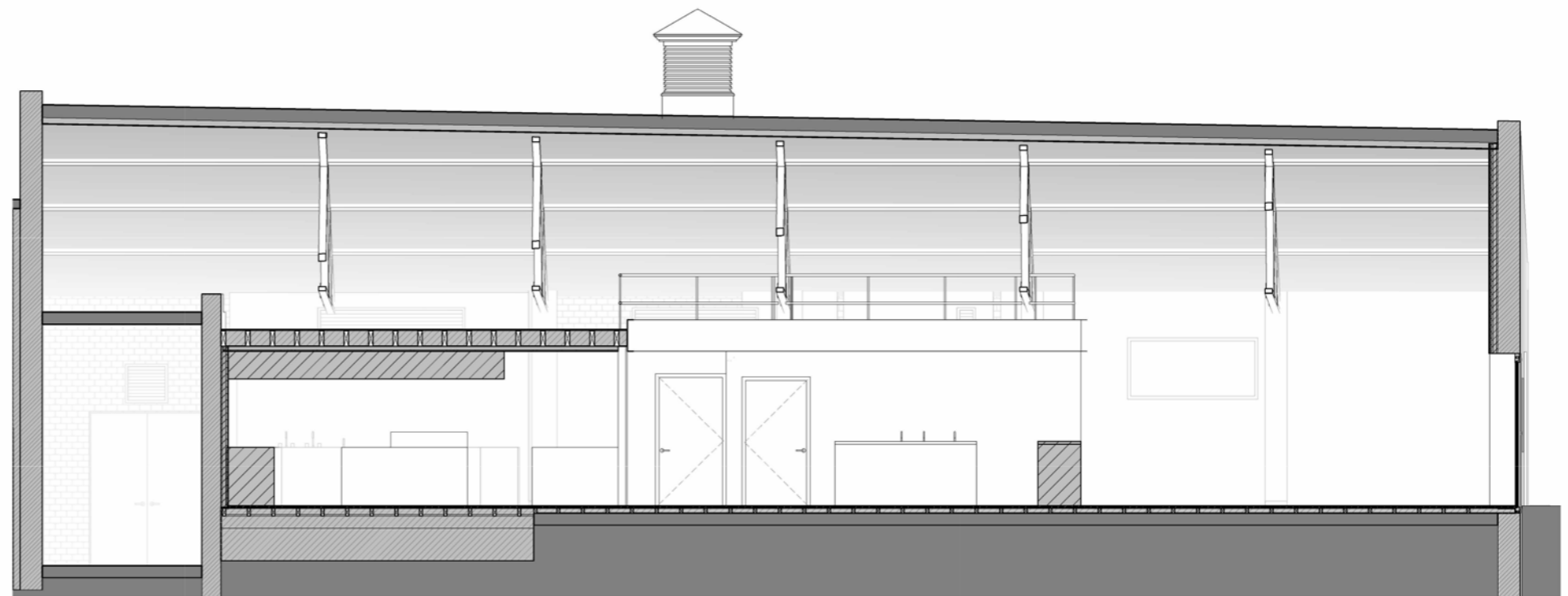
A strip footing will be provided for the new walls, and as structural support for the new glazing screen.

A new suspended beam and block floor to be installed, aligned with the surrounding slab level.

A new block-work wall to enclose the meter room, with an integrated retaining wall for added support.



Annexe 01 short section

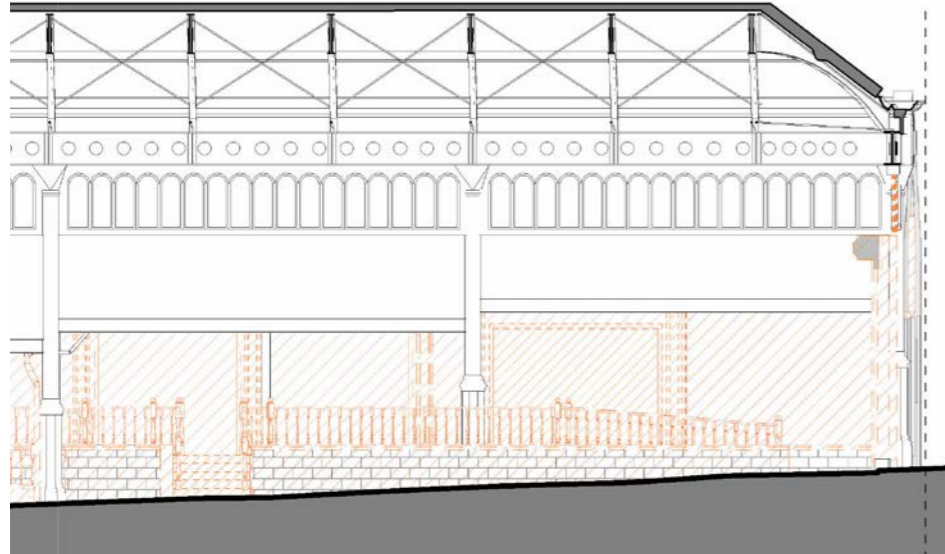


Annexe 01 long section

3.0 DESIGN PROPOSALS & DEVELOPMENT

3.3 Architectural Interventions

3.3.05 Market Annexe 01



Demolition Section



Annexe ramp elevation



Annexe ramp section



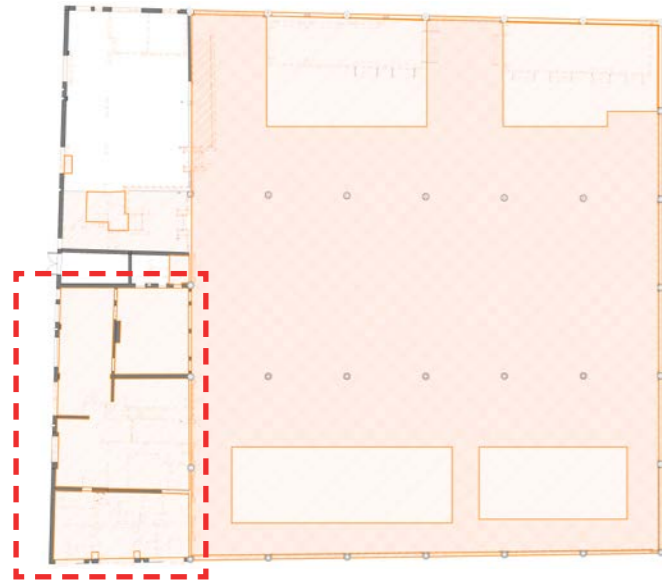
Existing space by annexe ramp



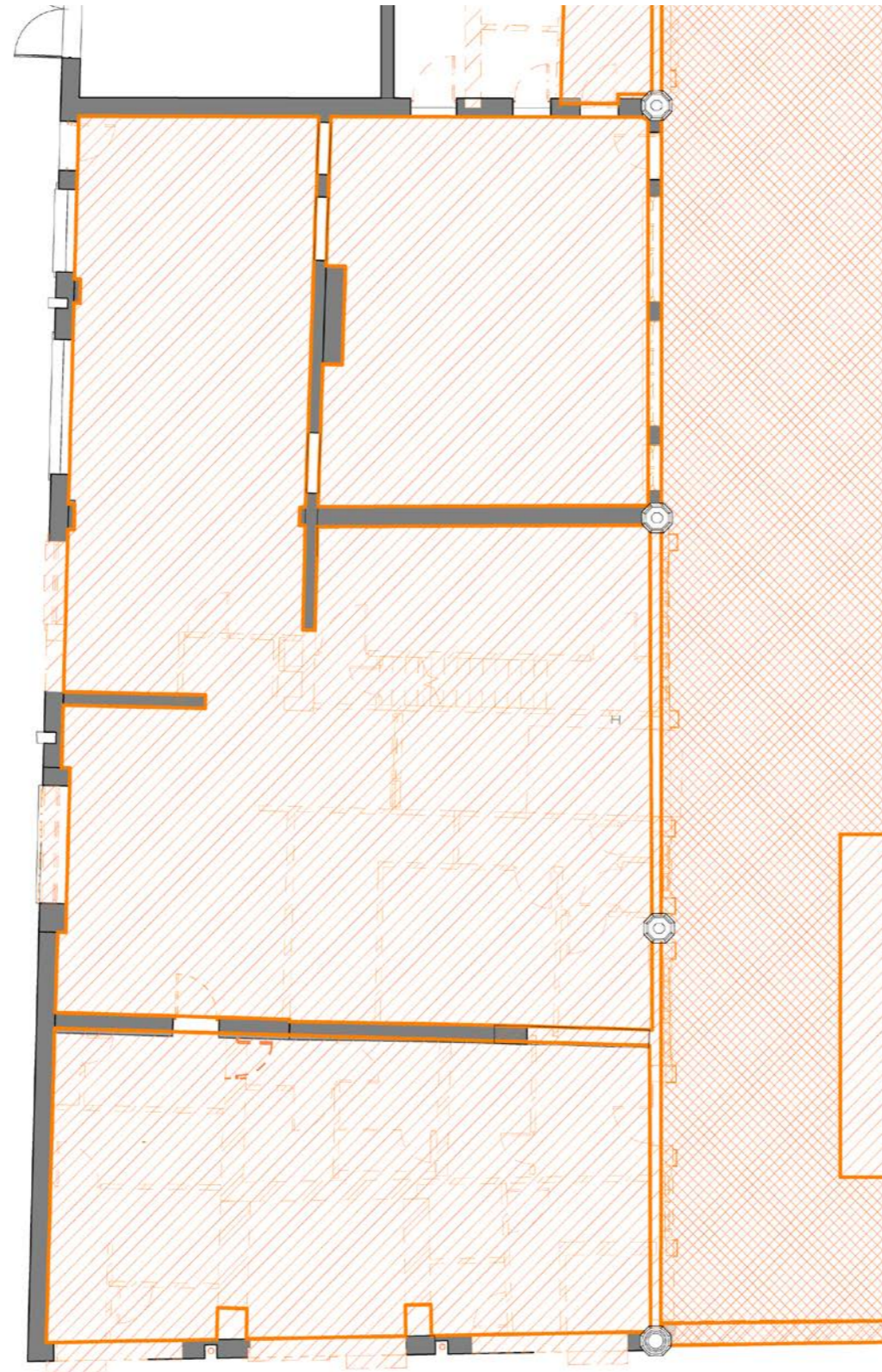
Proposed space by annexe ramp

3.3 Architectural Interventions

3.3.06 Market Annexe 02/03



Annexe 02 provides a mix of functional and trading spaces, including fixed stalls, hot food units, storage areas, and WCs, supporting both market operations and food offers along Byram and Brook Streets. Its layout allows access from the Market Hall while also enabling independent operation. Annexe 03 is more service-oriented, with a new floor slab, blockwork piers, and a suspended beam and block system supporting plant and servicing functions. It accommodates plant zones, drainage connections, and back-of-house facilities, providing essential infrastructure that underpins the Market Hall's wider operation, ensuring efficiency without compromising the building's heritage character.



Demolition Plan - Annexe 02/03



Proposed Plan - Annexe 02/03

3.0 DESIGN PROPOSALS & DEVELOPMENT

3.3 Architectural Interventions

3.3.06 Market Annexe 02/03

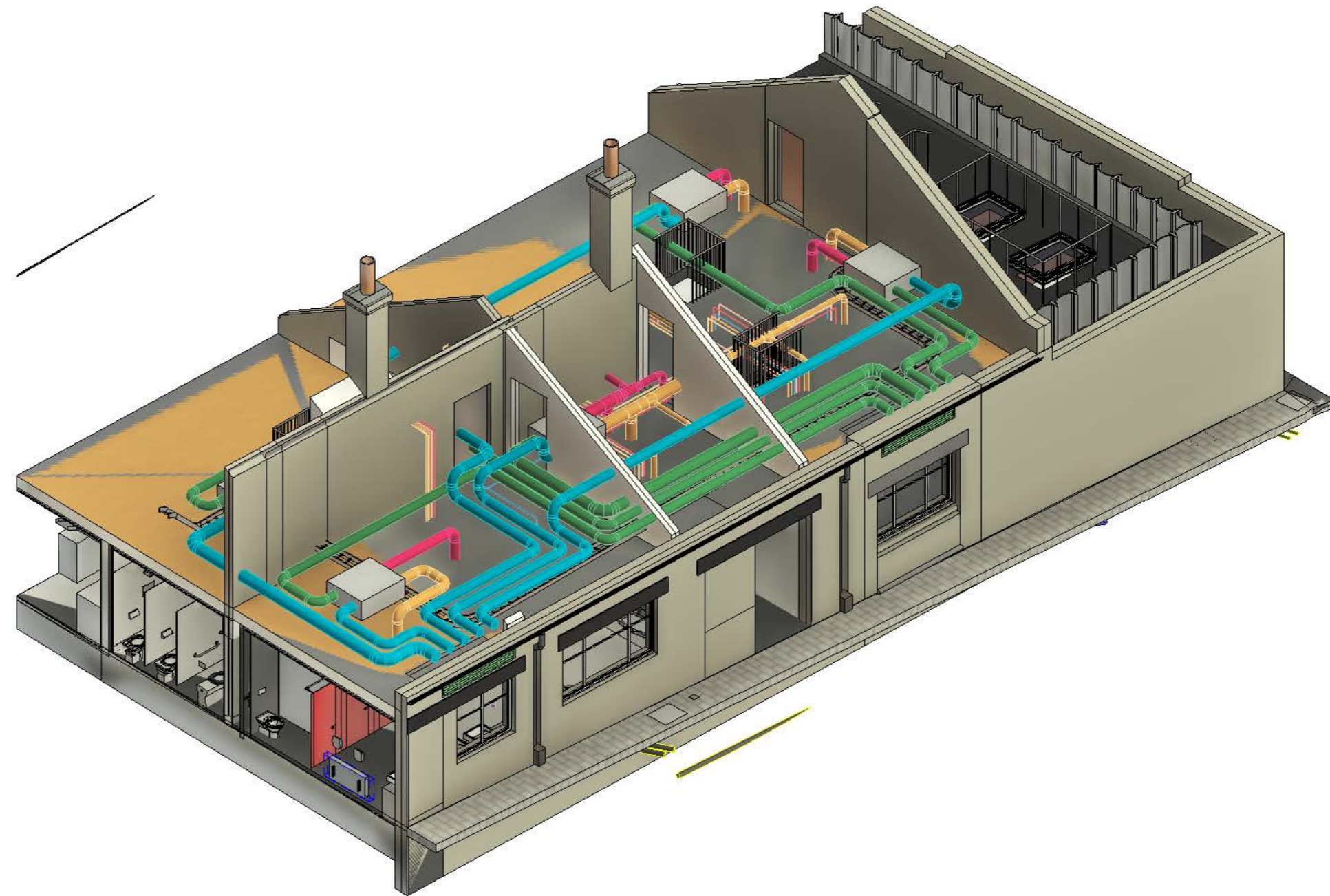
MEP Strategy

Heating and domestic water shall be provided by packaged thermal store units.

Single external condenser unit supplies heating to four ceiling suspended cassette units within the warm box via insulated refrigerant lines.

For ventilation, fresh air intake ducts will connect to a louvre on the façade at high level, while extract air ducts will connect to another louvre located at the same level. Ventilation will be provided to BOH WC facilities by the use of MVHR unit.

The toilet and ancillary public areas will be heated by low-temperature hot water (LTHW) radiators.



Annexe 02/03 MEP strategy - Design In progress

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3.3.06 Market Annexe 02/03

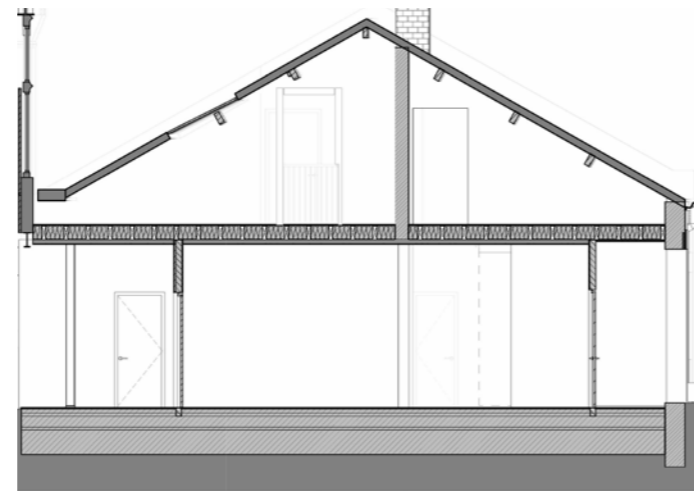
Structural Strategy

A new loft floor will be supported by timber roof joists, steel beams and load-bearing walls.

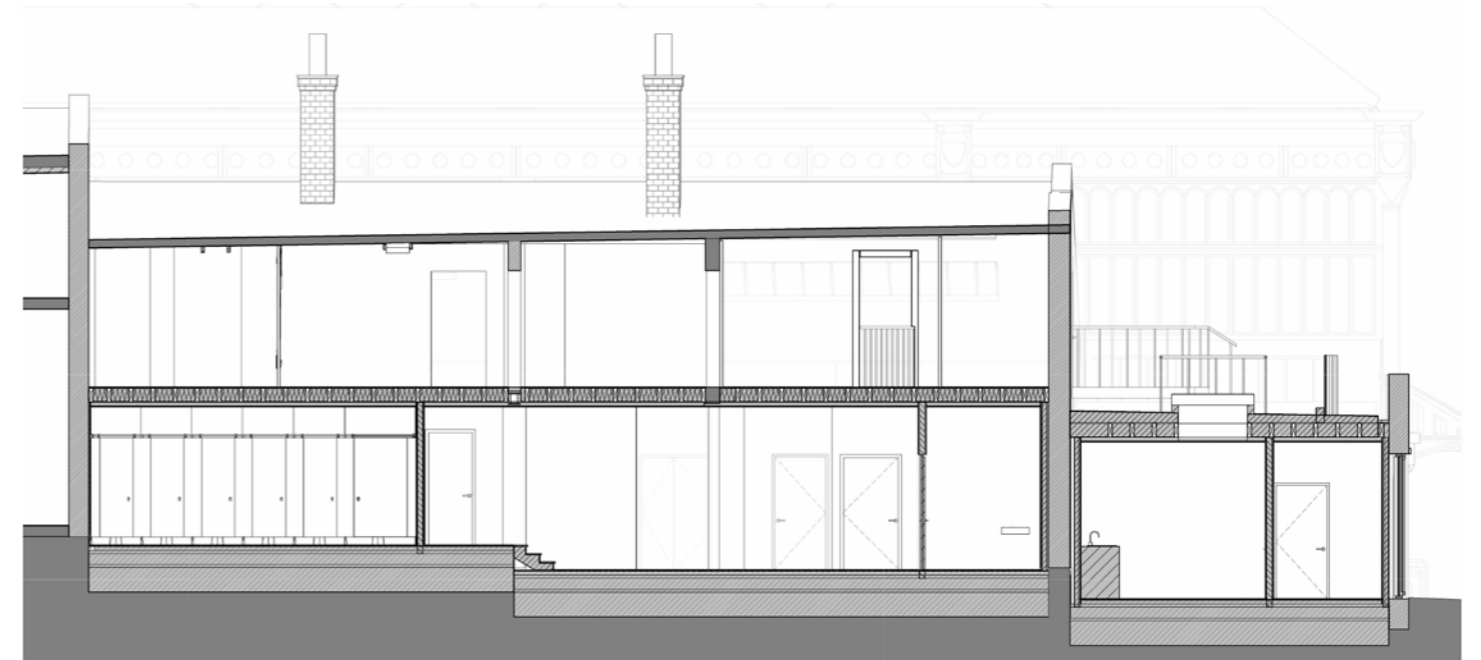
A strip footing will be provided for the new walls.

A new suspended beam and block floor to be installed, aligned with the surrounding slab level.

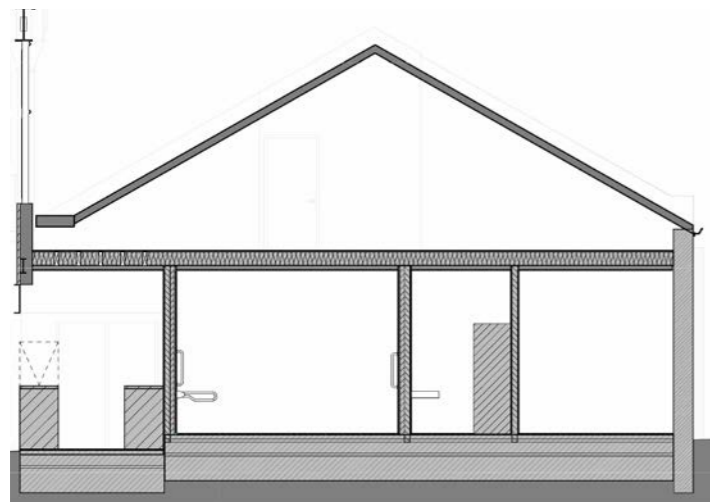
Lifting hoist support steelwork provided above access hatch.



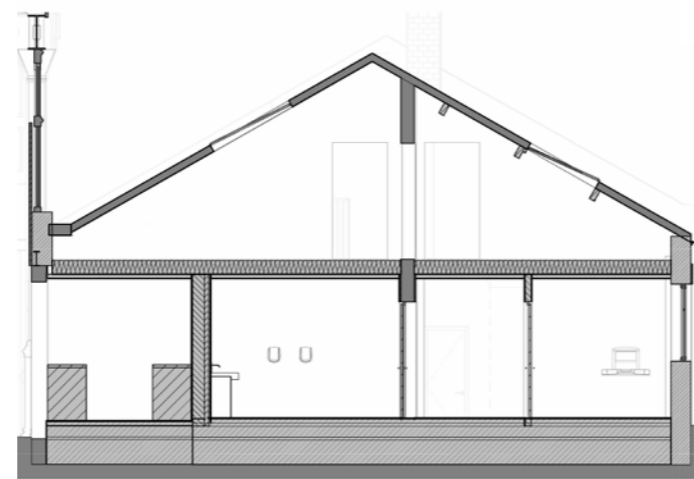
Proposed Annexe 02/03 section



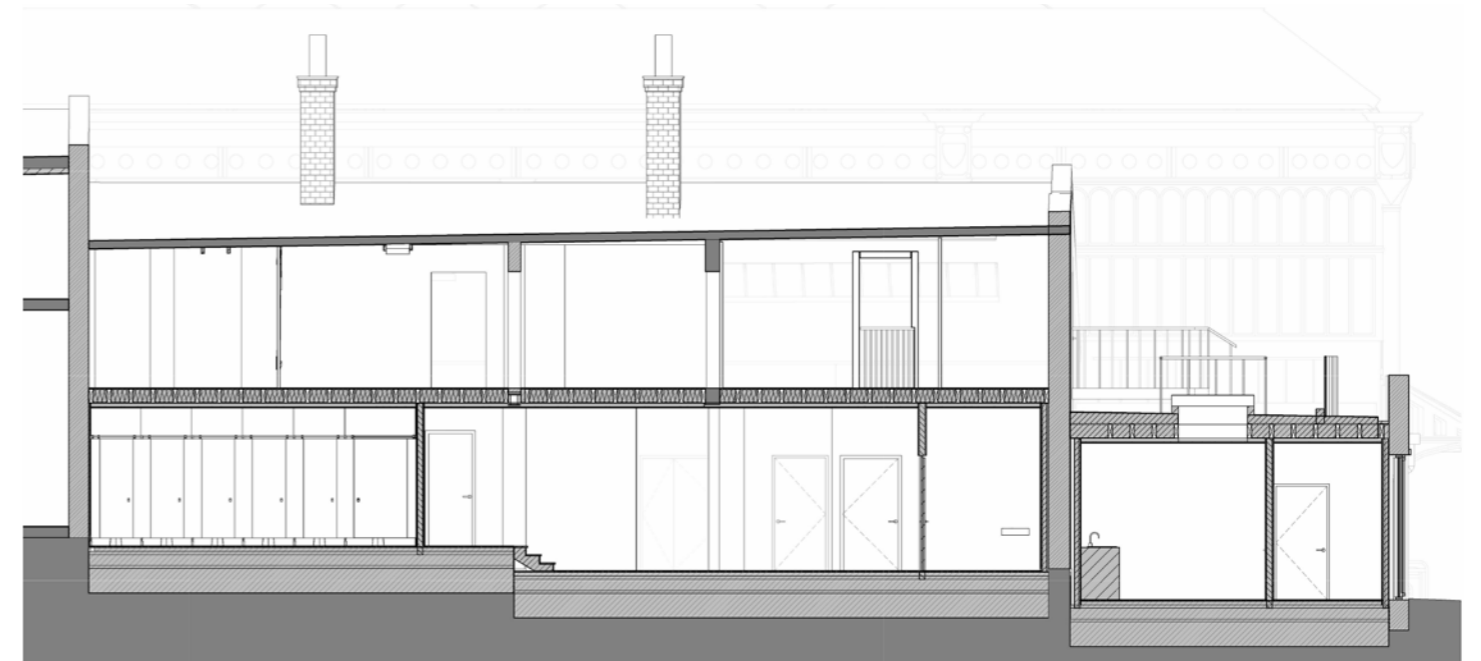
Proposed Annexe 02/03 section



Proposed Annexe 02/03 section



Proposed Annexe 02/03 section

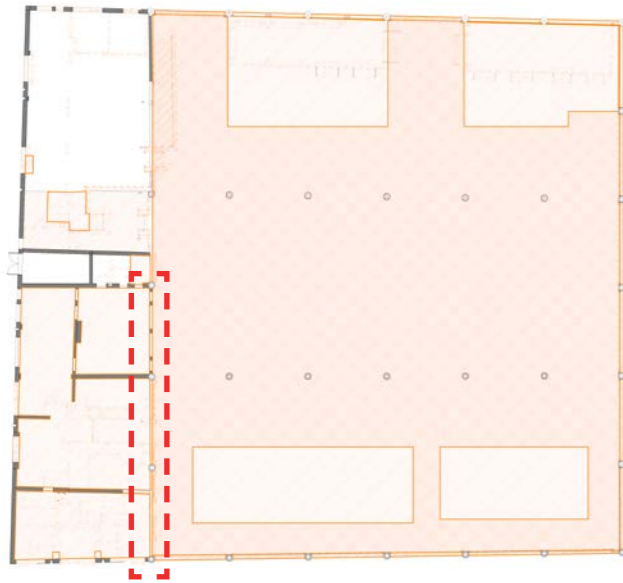


Proposed Annexe 02/03 section

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3.3 Architectural Interventions

3.3.07 Market Annexe Fixed Stalls

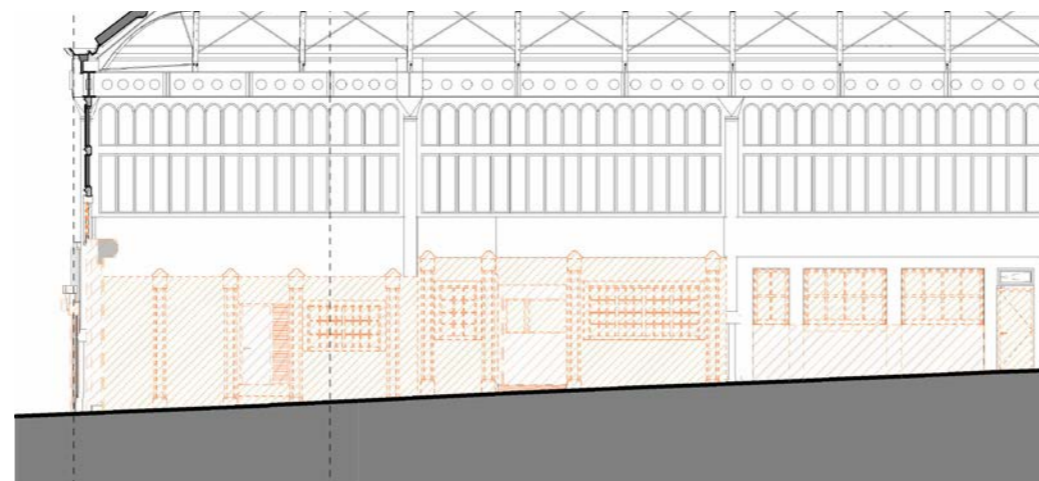


Existing photograph of Annexe 02/03



Proposed render of annexe 02/03

Annexes 02 and 03 incorporate fixed stalls facing into the Market Hall, extending trading frontage while integrating with the historic structure. In Annexe 02, dedicated fixed pitches ranging from 11–23 m² (e.g., Fixed Pitches 01–03) provide permanent trading spaces directly accessible from the hall. These stalls are designed with robust servicing and base-build provisions, enabling individual tenant branding and flexible fit-out. Annexe 03 similarly integrates smaller fixed stall units within its reconfigured layout, supported by new structural slabs and blockwork piers. Together, these annex stalls reinforce the hall's commercial activity, activating internal edges while maintaining consistency with the wider market language.



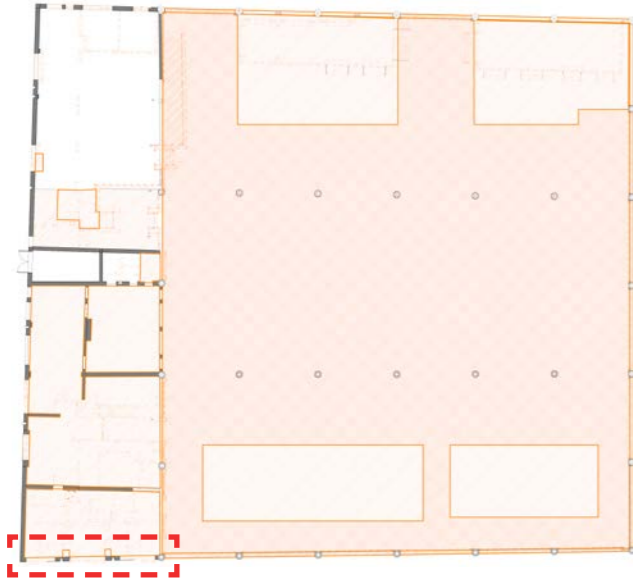
Demolition Elevation - Annexe 02/03



Proposed Elevation - Annexe 02/03

3.3 Architectural Interventions

3.3.08 Market Annexe 03



Description

The annexe façades will undergo sensitive modifications to improve functionality and character. Redundant chimneys and rainwater pipes will be removed where unnecessary, with new openings formed for feature windows and a new entrance door. Certain existing windows will be enlarged or infilled to match surrounding masonry. Decorative sliding doors, metal framed glazing, and stained glass oculus windows will enhance articulation.

Justification

These interventions modernise the annexe façades while respecting heritage fabric. Removal of redundant elements simplifies the elevations, while new glazing and enlarged openings increase transparency and improve accessibility. Repurposing existing goods doors as decorative sliding screens acknowledges historic use, and the introduction of stained glass and crafted detailing provides a sensitive yet contemporary layer that strengthens the annexe's architectural identity.



3.3 Architectural Interventions

3.3.08 Market Annexe 03

Structural Strategy

The proposed works introduce a new plant roof supported by a combination of timber roof joists, steel beams, and retained sections of the existing load-bearing walls. Within Annexe 03, a new floor slab will be constructed, with blockwork piers supported on pad foundations along the back wall. A suspended beam and block floor is to be installed, aligned with the surrounding slab level to ensure continuity across the space. In addition, lifting hoist support steelwork will be incorporated above the access hatch, providing essential servicing infrastructure while maintaining structural integration with the proposed scheme.



Proposed Annexe 03 section



Proposed Annexe 03 elevation

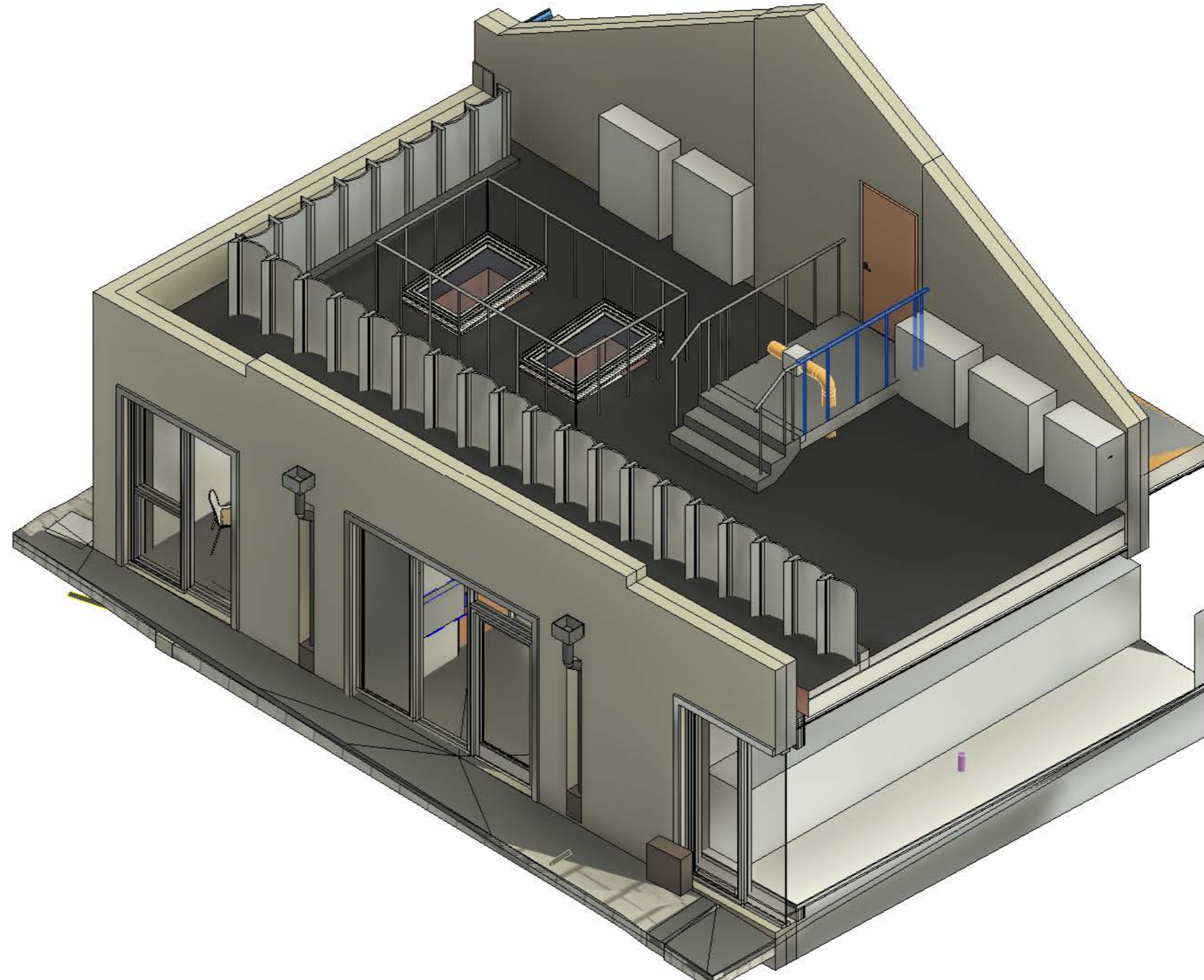


Proposed Annexe 03 elevation

3.3 Architectural Interventions

3.3.08 Market Annexe 03

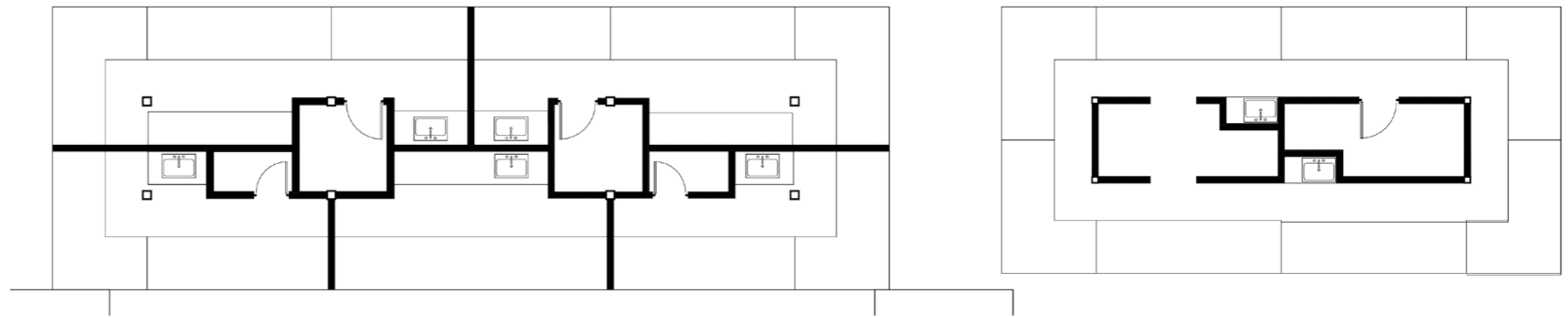
A new thermal barrier has been incorporated by adding insulation around the walls and at the roof level. Additionally, a decorative parapet screen is introduced to conceal MEP equipment on the roof. These design elements contribute to a construction scale that is domestic in nature. This approach is both subtle and conventional, ensuring the annexe complements and supports the Market Hall effectively.



Annexe 03 MEP strategy - Design In progress

3.3 Architectural Interventions

3.3.09 Fixed Stalls



Proposed plan of fixed units

Description

New fixed stall designs are proposed within the Market Hall to establish consistent architectural language across the trading infrastructure. The stalls are deliberately contemporary. Each stall will be free-standing, using a cantilevered steel frame to allow column-free servicing and avoid physical impact on the listed fabric. The design provides integrated surfaces for branding, signage, and lighting, with an extended light steel structure supporting privacy blinds. A new concrete slab with perimeter drainage will provide a stable platform for tenant fit-out.

Justification

The intervention introduces durable, flexible trading infrastructure that respects the historic market hall by being structurally independent and visually distinct. Providing clear zones for signage and branding enables tenant individuality within a coherent framework, while contemporary craft-led detailing ensures the stalls enhance the building's character without compromising its heritage integrity.



Existing space for fixed stalls in the market hall



Proposed 3-D visualisation of fixed stall

3.3 Architectural Interventions

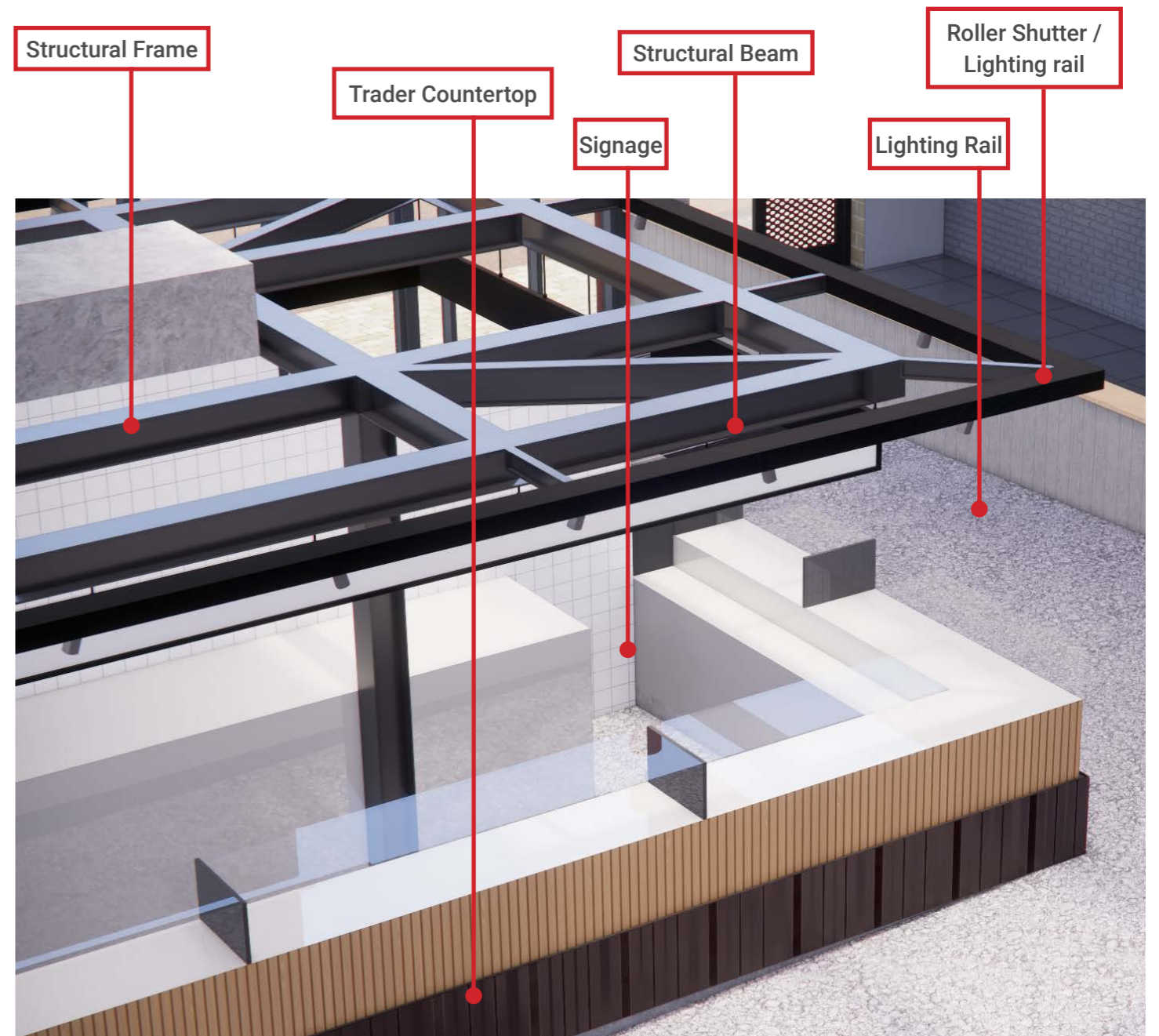
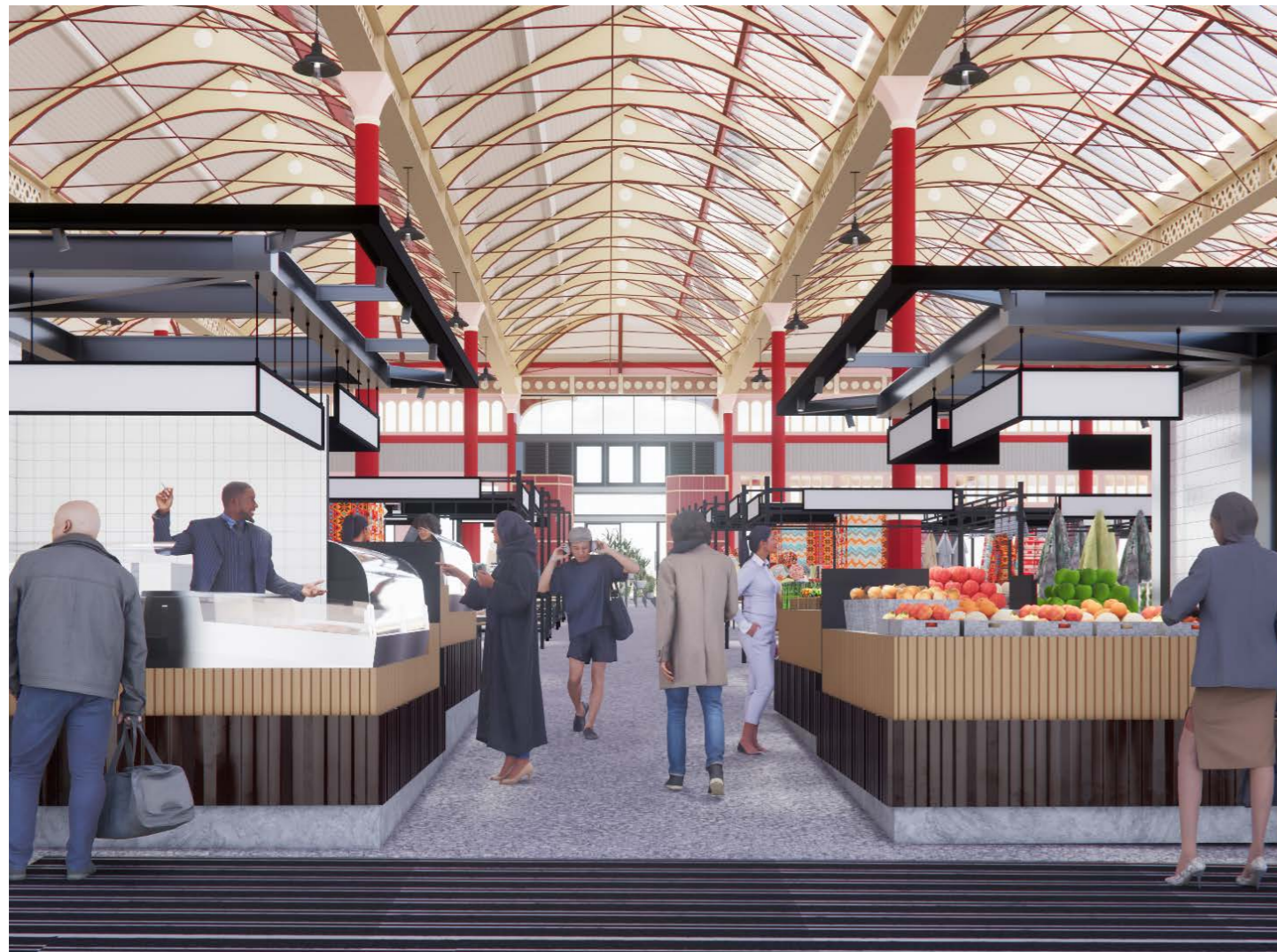
3.3.09 Fixed Stalls



Examples of similar stall design intent



Examples of similar stall design intent



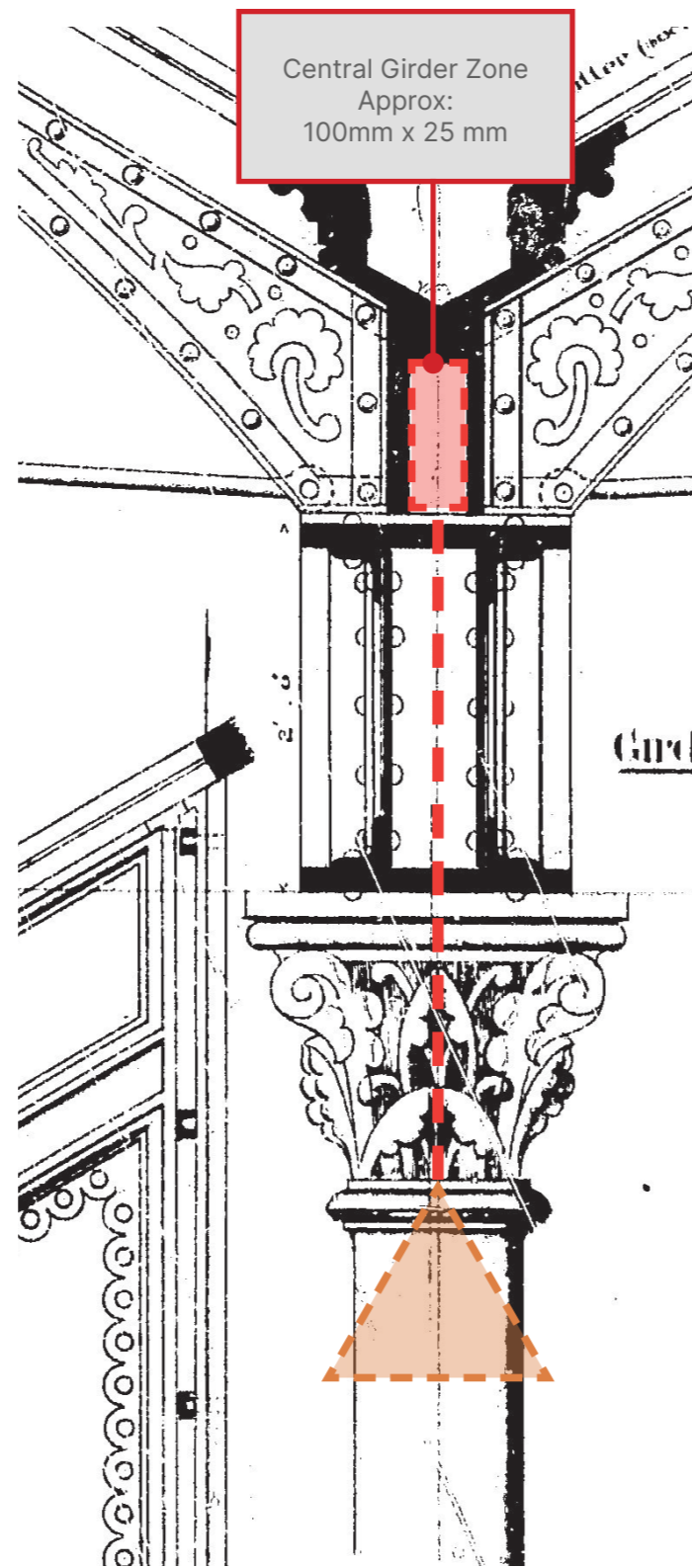
3.3 Architectural Interventions

3.3.10 Lighting Strategy

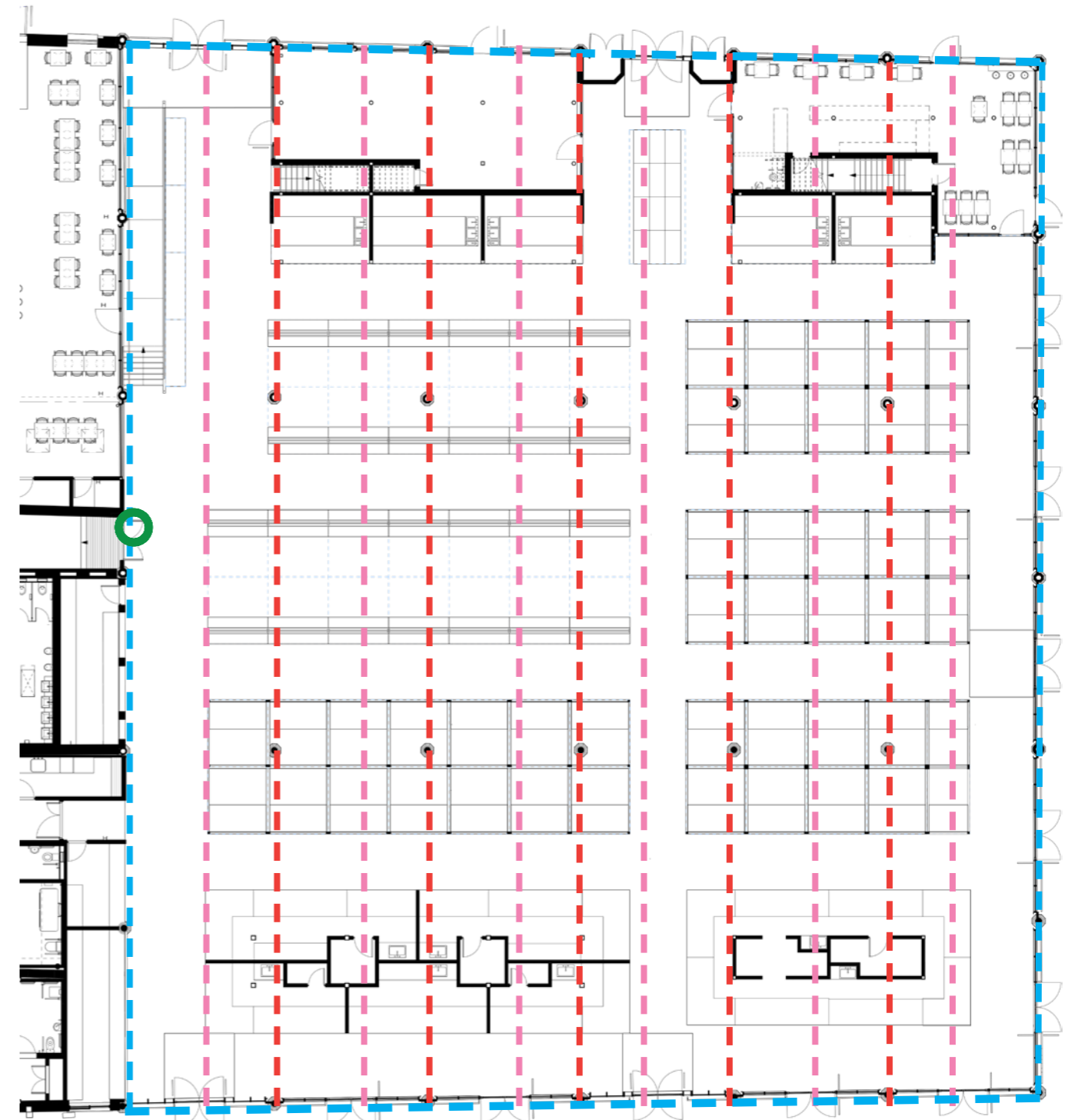
Small power, lighting and data services require distribution from the meter room around the perimeter of the Market Hall. The design team have explored options for this to be done below ground, however this proved to be overly disruptive and did not eliminate the need for vertical runs up the inside face of the building.

Instead it is proposed that a route at high-level is maintained in trunking around the perimeter of the building. This allows a concealed route up to the soffit level from which lighting, and fire detection equipment can be fed. This is planned to be done using a mixture of accessible trunking and rigid conduits. Generally the trunking is in place where long straight runs can be achieved and the rigid conduits are required to pass by existing features such as columns and decorative details.

The following pages illustrate the principles for this distribution.



Lighting distribution diagram



High Level distribution diagram

- Vertical trunking from the switch room
- Horizontal trunking distribution LV and Data (200mm x 75mm). Concealed behind the glazed screen goal post beams
- Individual rigid conduit for lighting (25mm)
- ASD type fire alarm system (highest points)

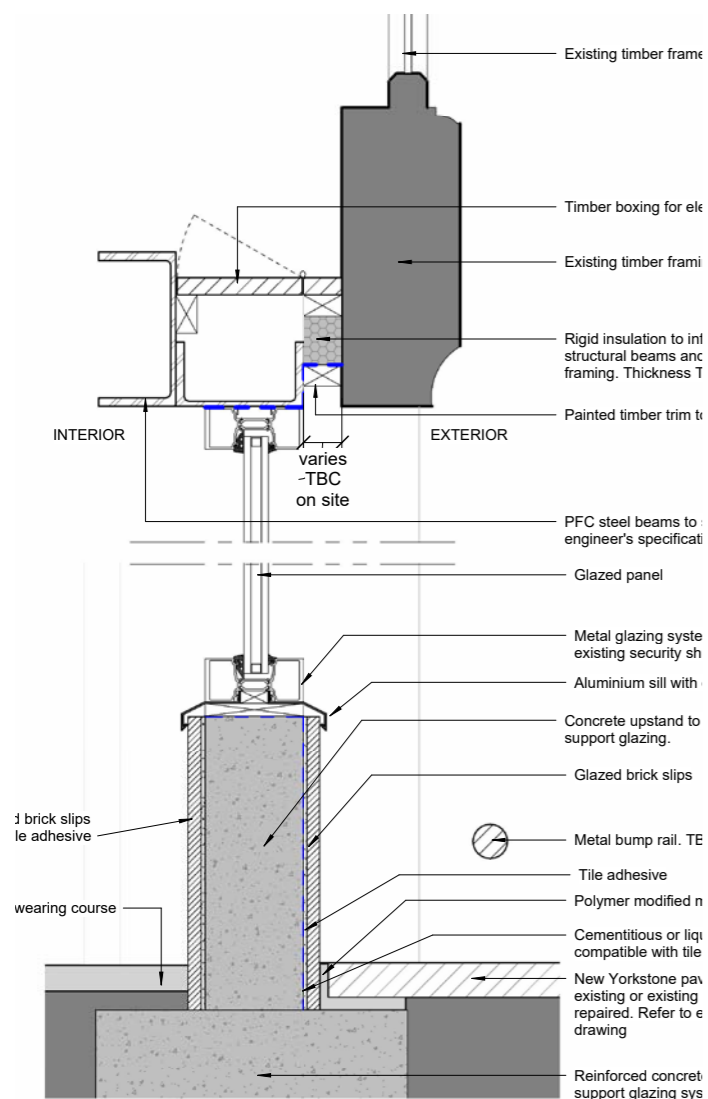
3.0 DESIGN PROPOSALS & DEVELOPMENT

3.3 Architectural Interventions

3.3.10 Lighting Strategy

The existing features of the glazed Market Hall structures require careful consideration of placement and installation of distribution runs as not to negatively impact the heritage significance.

The curtain wall setting out and arrangement has been designed as such to allow for zones for distribution and installation of practical items such as PIRs, emergency lighting and door openers.



Typical trunk detail



Distribution around inside of the glazed façades

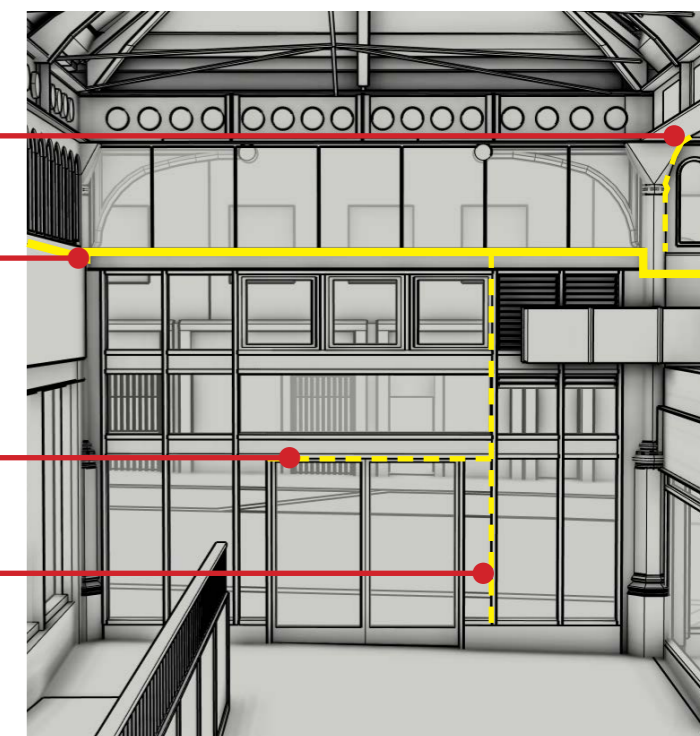
Main trunking concealed behind steel goal post

Local conduit at each girder for lighting

Trunking concealed within steel goal post glazed screen to main entrances

EMRG Light

Localised conduit on / within frame for features like emergency lighting, powered opening etc...



Typical strategy at the main entrances

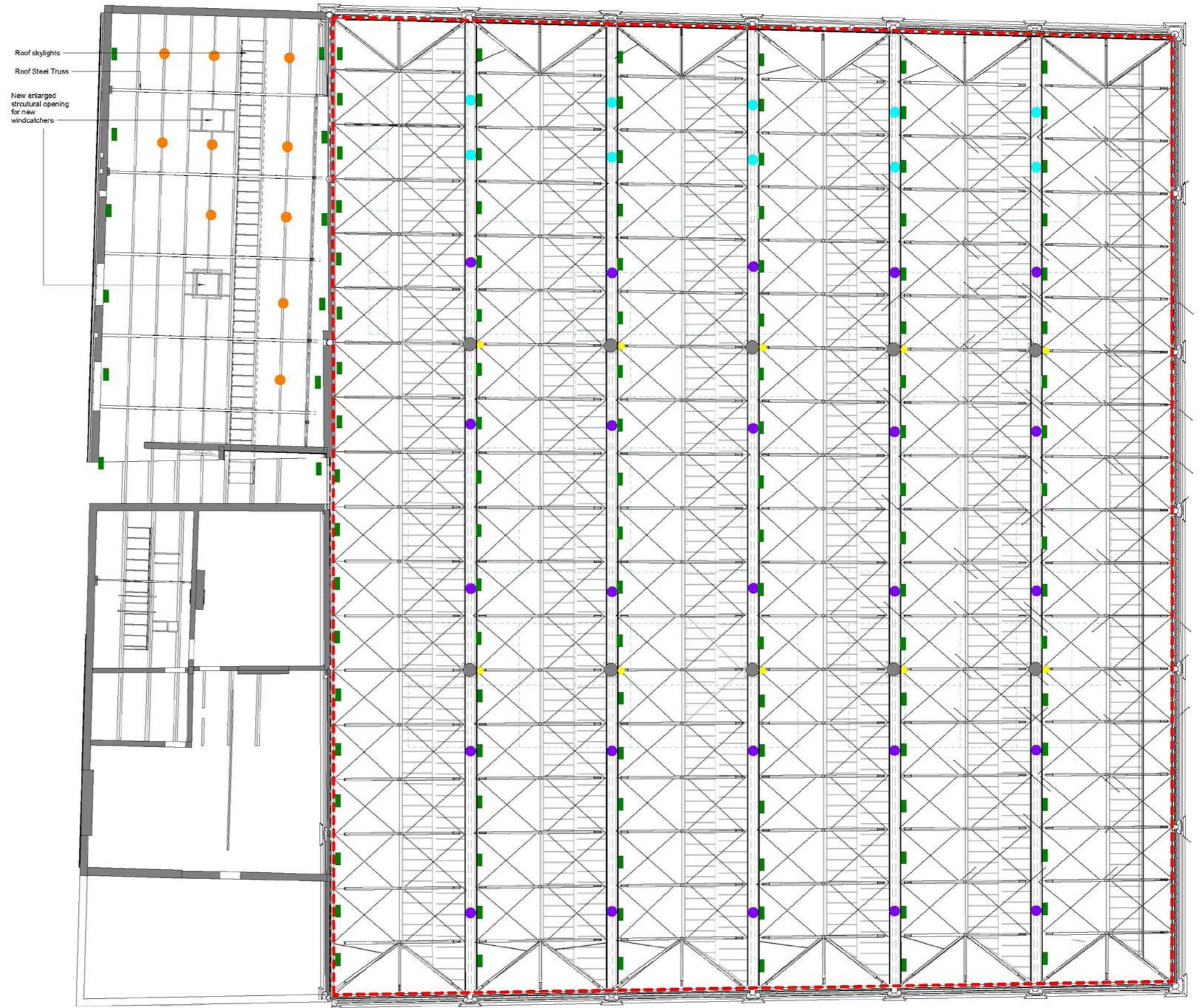








Distribution route along internal facade - super imposed onto existing photographs

3.3 Architectural Interventions

3.3.10 Lighting Strategy

The existing lighting within the main Market Hall will be removed and replaced with new low-energy fittings. A heritage-style replica of the existing pendant lights will be introduced, reinstated in their current positions, but fitted with modern LED technology to ensure minimum light coverage and lux levels are achieved. In addition, feature lighting will be provided to the high-level soffit to highlight key architectural elements, including the metalwork and column capitals.



-  Type 1 - Feature Pendant
-  Type 2 - Soffit uplighting
-  Type 3 - Directional Spot Light
-  Type 4 - Spot Light
-  Type 5 - Linear LED
-  Type 6 - Feature Pendant Annexe

Reflected ceiling plan of proposed market hall

3.3 Architectural Interventions

3.3.10 Lighting Strategy

New external architectural lighting will be installed to emphasise significant features of the building, such as the high-level frieze and column heads. These fittings will be fabricated in black metal and positioned discretely to minimise visual impact



Proposed Byram Street elevation lighting strategy

- Spot Lighting - Type A
- Surface mounted fitting
- Signage goose neck lights
- Spot Lighting - Type B
- Linear Frieze Lights
- Up Lighting





Proposed Lord Street elevation lighting strategy

3.3 Architectural Interventions

3.3.11 Signage Strategy

A signage strategy will be implemented within the market to support wayfinding, public information, advertising, and branding. Trader signage will be designed to ensure visual coherence within the market while allowing scope for individual businesses to express their own branding and identity. Digital signage will also be introduced, enabling the market team and council to promote seasonal events and provide up-to-date public information.

PRIMARY SIGNAGE

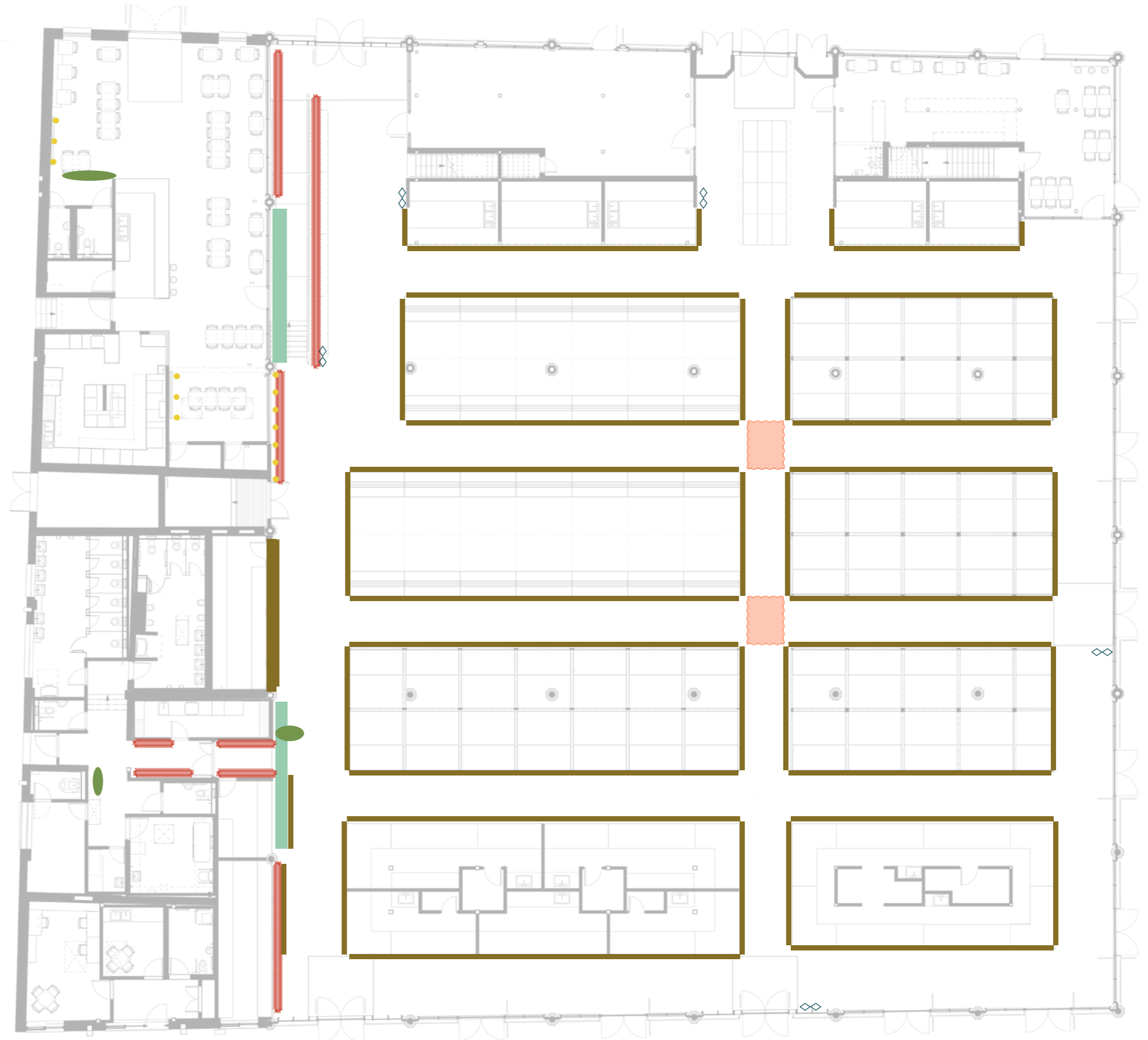
-  Large Letter Signage
-  Digital Screen Totem
-  Wall Mounted Screen
-  Projecting Signage / Wall mounted signage

SECONDARY SIGNAGE

-  Wayfinding - Floor Graphics
-  Community Based Artwork / Branding

TRADER SIGNAGE

-  Trader Signage



General arrangement plan showing signage strategy

3.0 DESIGN PROPOSALS & DEVELOPMENT

3.3 Architectural Interventions

3.3.11 Signage Strategy

Signage described here is to show the space allocated within the architecture for signage. All external signage to be subject to a separate signage application and LBC if required.

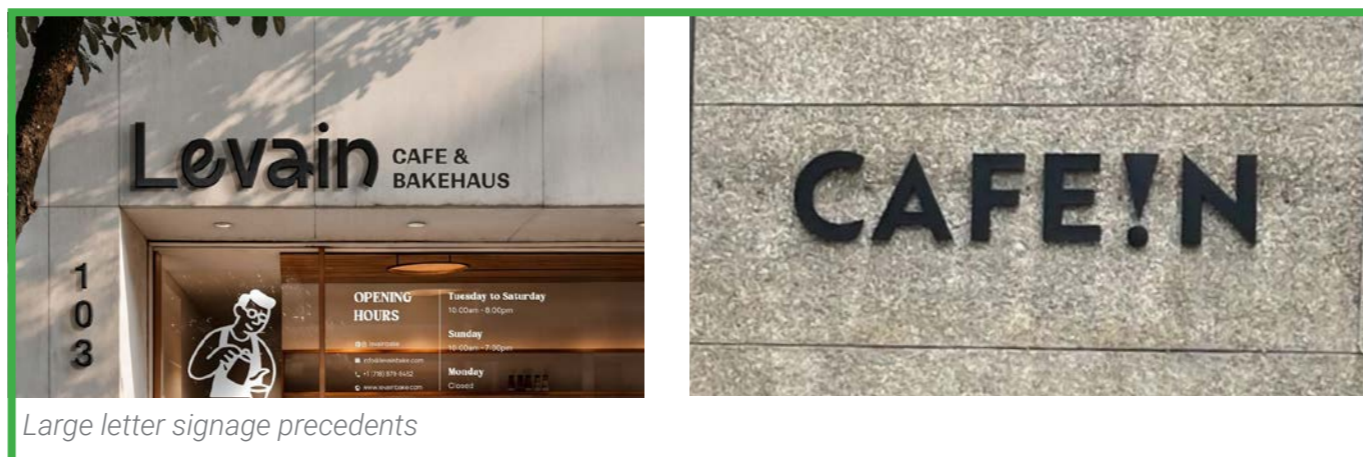
Signage located on the listed market building will be limited to wayfinding and information, including the identification of public WC facilities and additional seating areas. The building will also be named Huddersfield Market through discreet new signage incorporated into the glazed entrance screens. Care has been taken to ensure that the new signage does not detract from the architectural qualities of the building.

There are 3 main types of signage intergrated into the proposal:

- External signage
- Community artwork - Integration of local artists
- Large letter signage - To act as way-finding for the users of the market.



External Signage Precedents



Large letter signage precedents



Artistic Works by local Yorkshire artist Robert Walker