

6.4 Plot G Travel Hub

6.4.1 Plot G Travel Hub Ground Floor Plan

Ground Floor Plan

The Travel Hub will be accessed from Fairfax Road. The building will include a space for secure cycle storage and car parking over three levels.

The north and west elevations of the building will be clad in feature brick panels in keeping with the local Prestwich character. The south elevation will be clad in a feature perforated metal cladding with the opportunity for incorporating a local Prestwich motif. The car park will be naturally ventilated.

There will be an allocation of Accessible spaces, City Car Club and Electric Car Charging spaces.

Use

The Travel Hub is 2 storeys and will comprise a total of 275 spaces including:

- 20 accessible spaces
- 26 EV charging spaces
- 2 spaces for City Car Club
- 76 secure cycle spaces.
- Amazon / other delivery lockers
- Local transport live update information screen.



- Key**
- | | |
|---------------|------------------------|
| 1. Cycle Hub | 4. Plant Room |
| 2. Lift Lobby | 5. Pedestrian Entrance |
| 3. Stair | 6. Car Entrance |

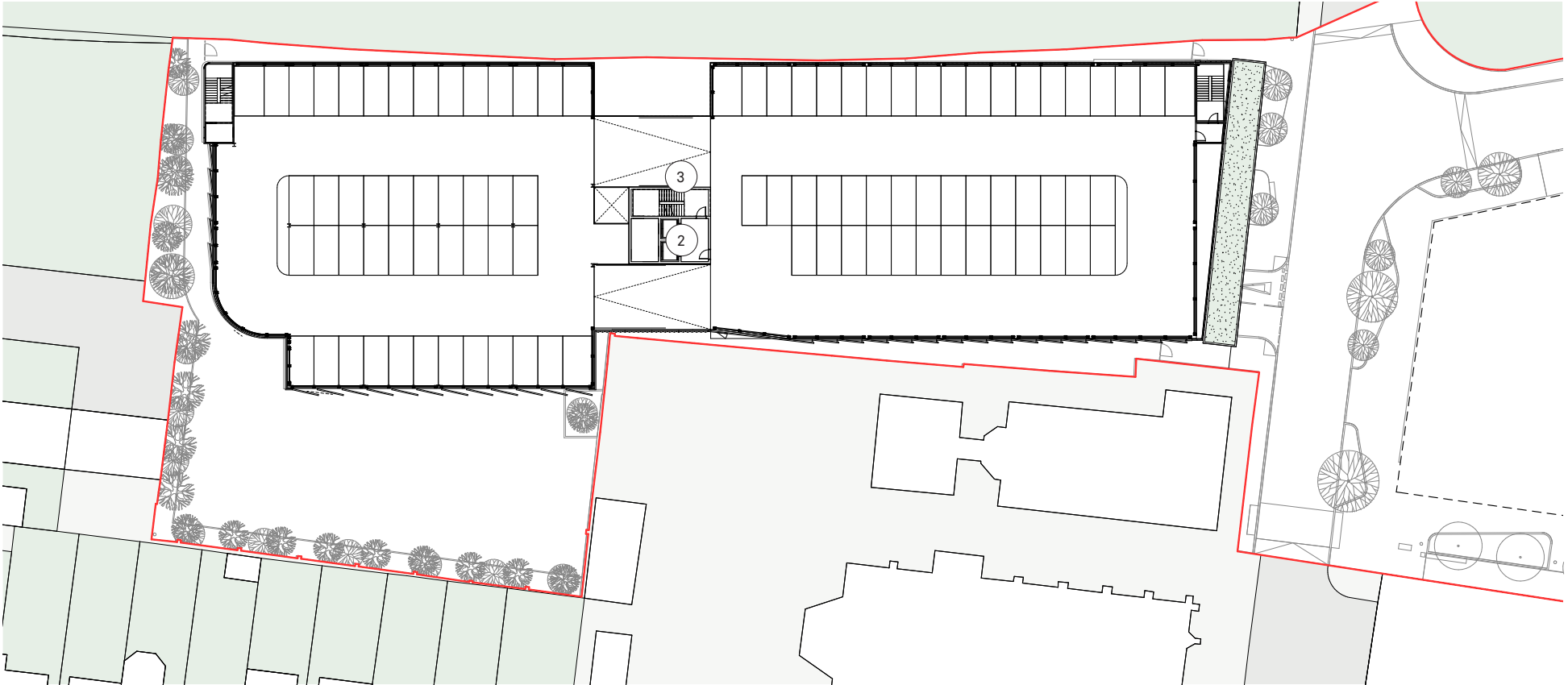


6.4.2 Plot G Travel Hub
Typical Floor and Roof Plan

Typical Floor Plan

Due to the existing levels of the site the building is split over two levels with the southern element being c.1500mm lower than the rear. The central area of the plan is utilised to accommodate the ramps and primary lift core. Additional stair cores are located on the South and North of the plan for escape purposes only.

All levels are linked via a core including 2X lifts and a circulation stair.



Roof Plan

The top level is split over two decks.

A more recent change has seen the 3rd floor be removed from both decks to reduce the mass of the building.

The 2nd floor parapet is raised to +1800mm above the deck level. This is to prevent direct overlooking from the car deck to surrounding properties. Equally the parapet will screen any direct headlight glare from the top deck into surrounding properties.

The parapet height to the Fairfax elevation is elevated to match the escape stair parapet in order to fully screen the mass of the stair enclosure from street level.



- Key**
- | | |
|---------------|------------------------|
| 1. Cycle Hub | 4. Plant Room |
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6.4.3 Plot G Travel Hub Elevations

South Elevation

The south elevation facing Fairfax Road will be clad at upper level in a perforated metal panel with the opportunity for incorporating texture and relief. The ground floor façade to the cycle hub will be clad in a perforated metal panel creating a visual connection to the cycle store, whilst maintaining security. The stair core will be in an English bond brick pattern with hit and miss brickwork.

North Elevation

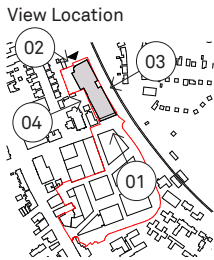
The north elevation will be clad in crimped brick panels with stack bond coursing. The stair cores will be rendered blockwork coloured to replicate the surrounding tones of Prestwich.

East Elevation

The east elevation of the Travel Hub will be open to the tram line, the stair cores will be the same as the North Elevation.

West Elevation

The west elevation will be a mixture of crimped brick panels the same as on the North Elevation, with an English bond brick wall on the ground floor. The link between the two levels that conceals the ramp will use angled of folded bricks to break down the mass of the brickwork creating shadows and texture.



Key

1. Horizontal English bonded red brickwork.

2. Horizontal English-bonded red brickwork. Protruding header coursing

3. Horizontal English-bonded red brickwork. Hit & miss header coursing

4. Projecting brickwork 'Fins' in stack bond horizontal/ vertical red brickwork

5. Stack bonded chamfered edged red brickwork

6. Rendered blockwork.
7. Flat roof timber canopy with exposed timber columns and beams.

8. PPC metal decorative perforated panel.

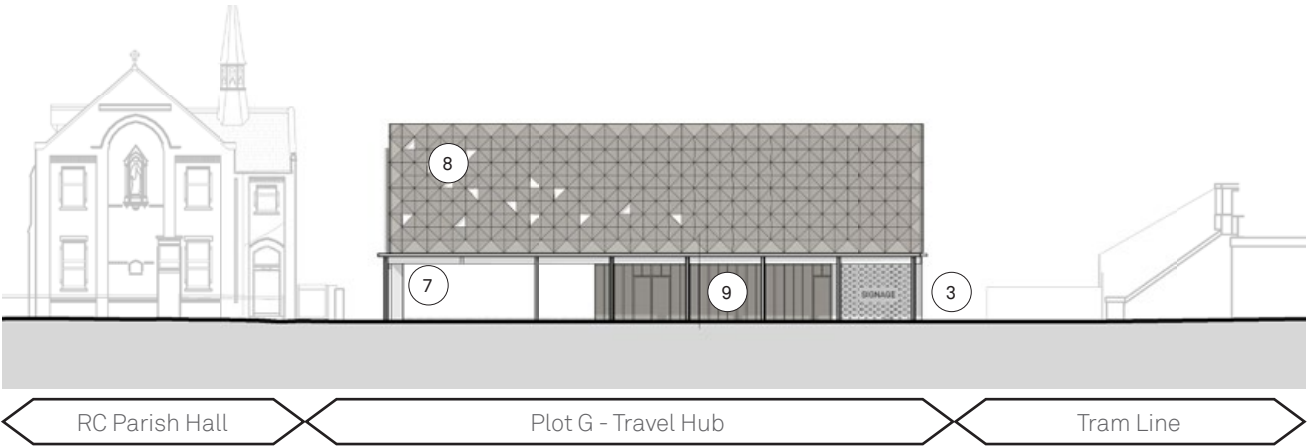
9. PPC metal bespoke perforated modular panel to cycle hub facade, with integrated doors to Cycle Hub & Stair Core

10. PPC metal coping

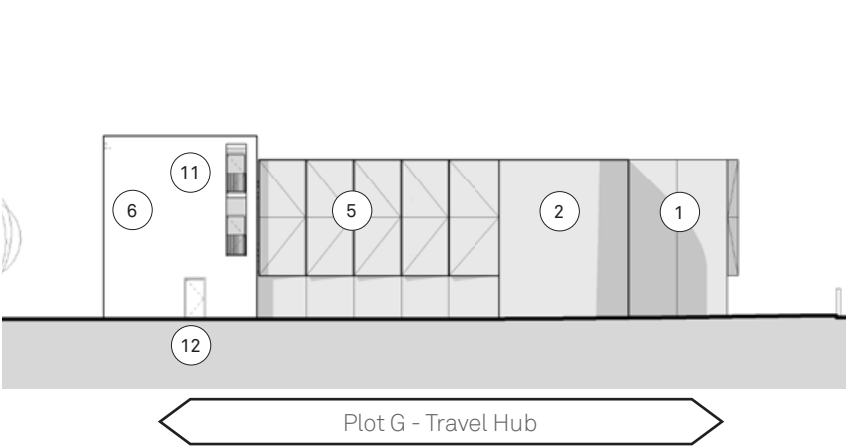
11. Metal handrail

12. Solid PPC metal BOH personnel doors

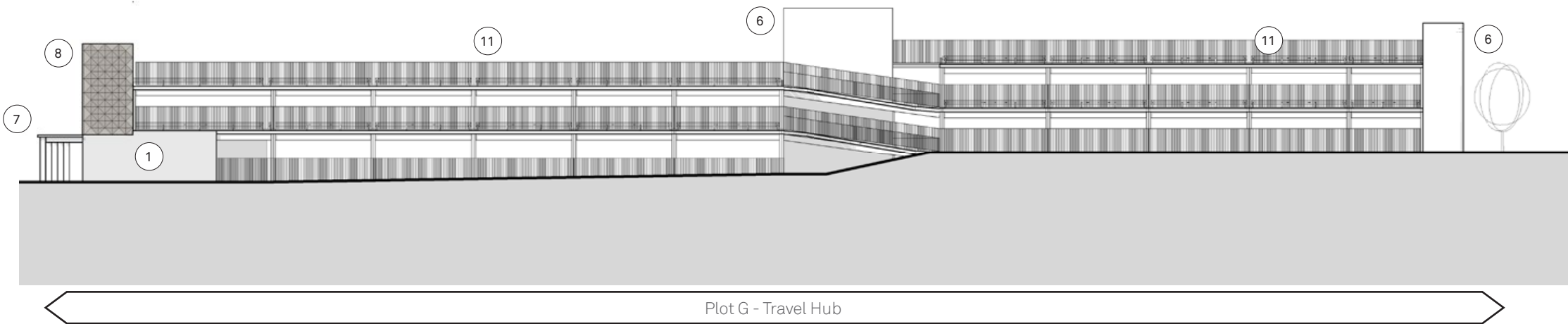
South Elevation



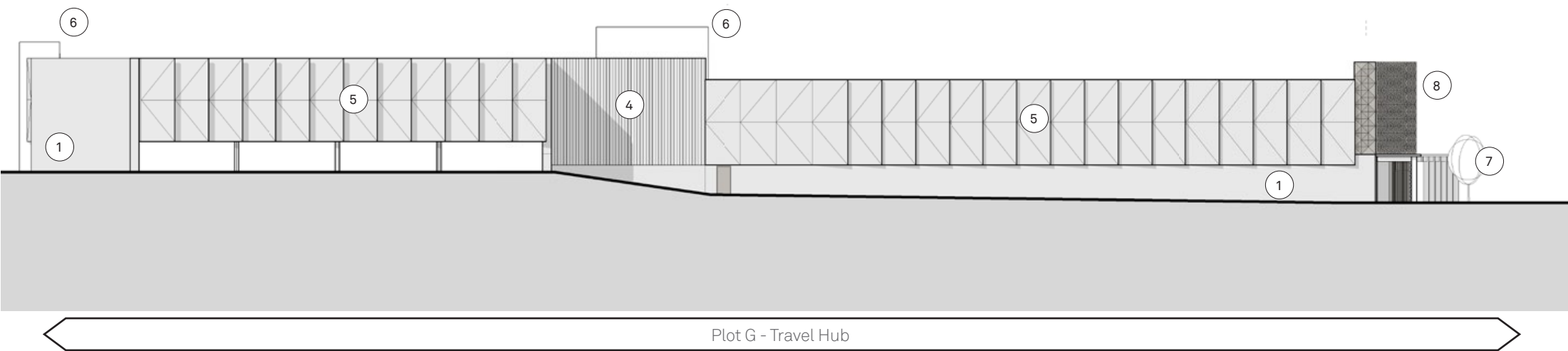
North Elevation



East Elevation



West Elevation



6.4.4 Plot G Travel Hub
Facade Order

Plot G - Travel Hub

The elevation has taken direct inspiration from the religious star motif within the church hall gable elevation.

The elevation is made up from a repeating series of scalloped triangles that will catch light and create shade across the facade - both a different times of day and seasons through the year.

The length of the facade becomes a series of repeating components as opposed to a single face surface.

The panels are perforate to provide natural ventilation into the car park whilst appearing lightweight and ethereal as a device to break up the mass of the facade.

The panels are powder coat finished in a warm red / brown tone that will complement the Fairfax Road brickwork context.

The building is set back from the back from the back of pavement to create breathing space in the street whilst also preserving an aspect of the gable elevation of our Lady of Grace RC Church Hall.

The set back also provides an opportunity for south facing landscape and the addition of tree planting.

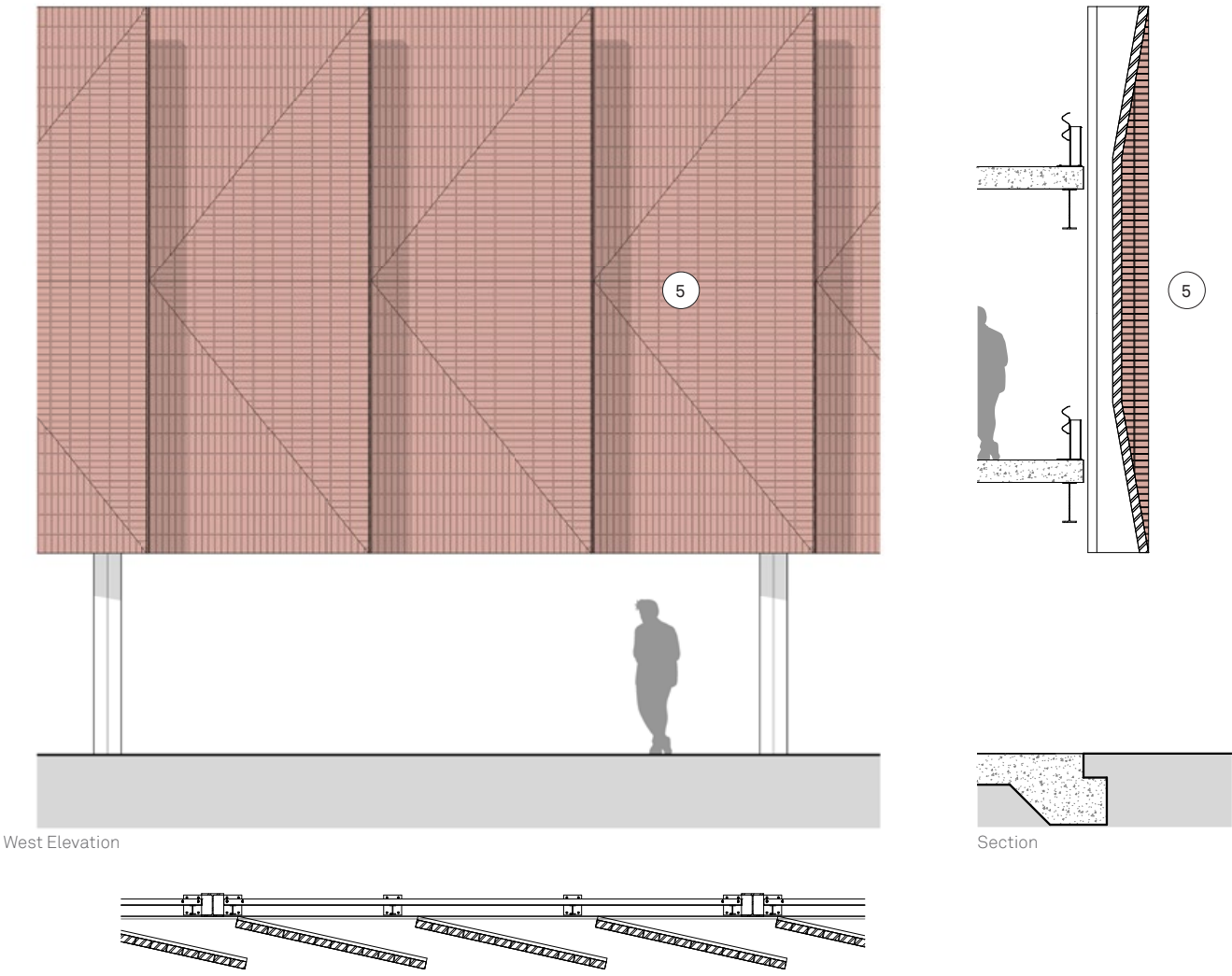


Fairfax Road Elevation



Architectural Detail

6.4.5 Plot G Travel Hub
Bay Study



West Elevation

Section

Plan Detail Showing Angled Panels To Allow natural Ventilation



South Elevation

- Key
- 1. PPC perforate metal panel. Colour to compliment red brick tones.
 - 2. Timber canopy with timber columns.
 - 3. Perforate screen with integrated doors to cycle store.
 - 4. Red brickwork with coursing to match local context with hit and miss header course to provide natural ventilation.
 - 5. Stack bond, red brick panels with crimped pattern, panels angled to allow natural ventilation but no direct view to Highfield residents



6.4.7 Plot G Travel Hub Facade Detail

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Jon Matthews Architects

Fairfax Elevation

The elevation has taken direct inspiration from the religious star motif within the church hall gable elevation.

The elevation is made up from a repeating series of scalloped triangles that will catch light and create shade across the facade - both at different times of day and seasons through the year.

The panels are perforate to provide natural ventilation into the car park whilst appearing lightweight and ethereal as a device to break up the mass of the facade.

The panels are powder coat finished in a warm red / brown tone that will compliment the Fairfax brickwork context.

