

5.1 Design Proposals

5.1.0 Overview

Proposed Architectural Features

Original Concrete Features

- 01** The design intent is to strip back the plaster covering to the grand columns to the atrium, (subject to further investigation). Existing signage and lighting to columns will be removed.
- 02** Concrete soffit to Level 3 will be exposed, with new acoustic rafts suspended below.
- 03** Original, high quality concrete walls to outer edge of atrium repainted light grey to reinstate the tone and colouring of the original atrium. Circular light fittings removed.

Finishes

- 04** Existing carpet finishes to Level 3 will be replaced with a high quality resin/composite flooring to create a durable, robust floor in tones in-keeping with the original carpet flooring and the tiled floor to Level 4.
- 05** Full height glazed screens to balustrades removed.
- 06** Balustrades to be retained and repainted
- 07** Original tiled flooring to level 4 remains in place

Fittings and Furniture

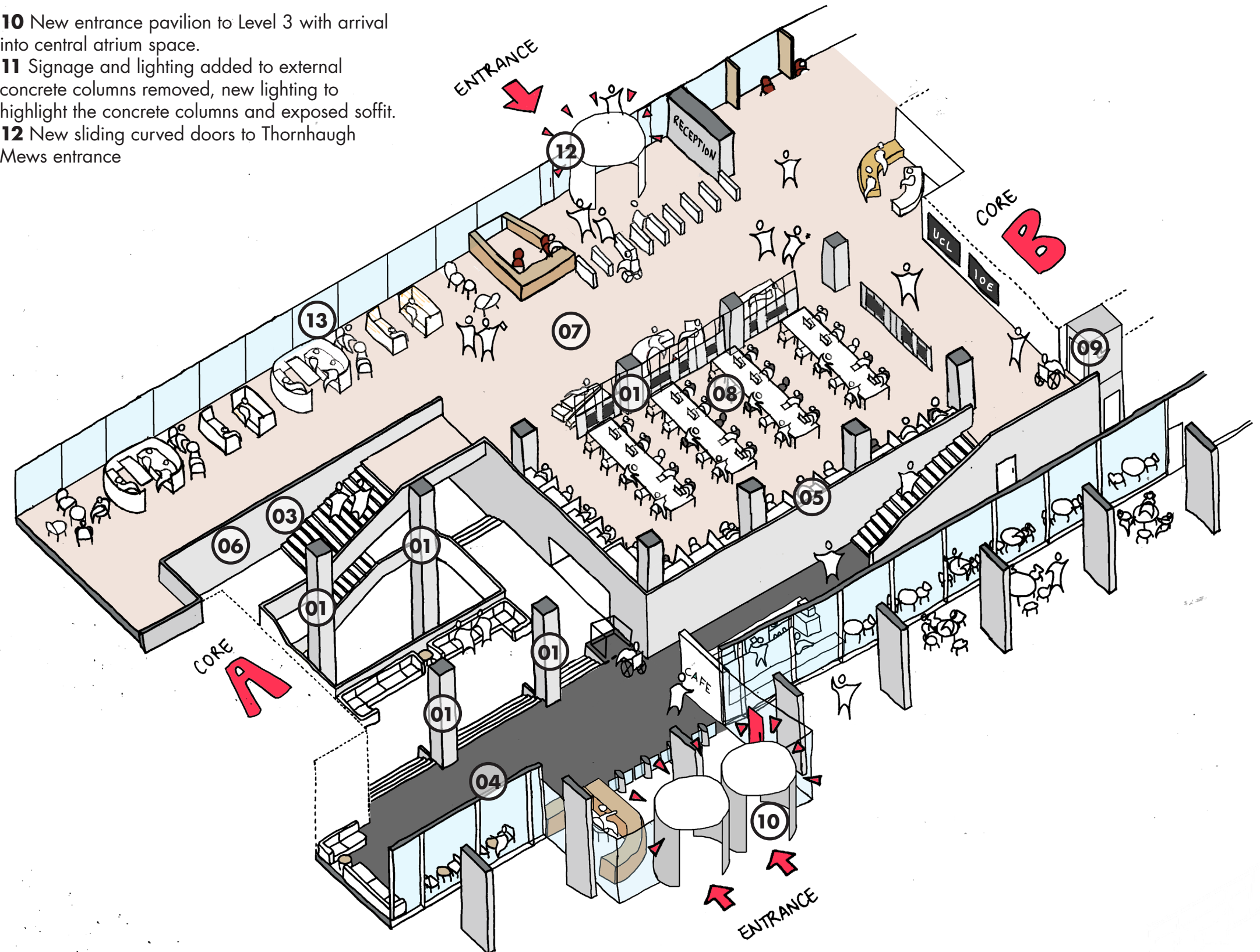
- 08** Full height storage units, display cases and cafe counter removed to create visual connections across level 3 and 4
- 13** New internal blinds to glazing to Thornhaugh Mews Terrace to provide solar shading.

Accessibility

- 09** New low-rise, fully glazed platform lift. Low level opening formed concrete, existing balustrades reused. Existing lift at the end of the café to be removed and a new lift with level access installed

External Alterations

- 10** New entrance pavilion to Level 3 with arrival into central atrium space.
- 11** Signage and lighting added to external concrete columns removed, new lighting to highlight the concrete columns and exposed soffit.
- 12** New sliding curved doors to Thornhaugh Mews entrance



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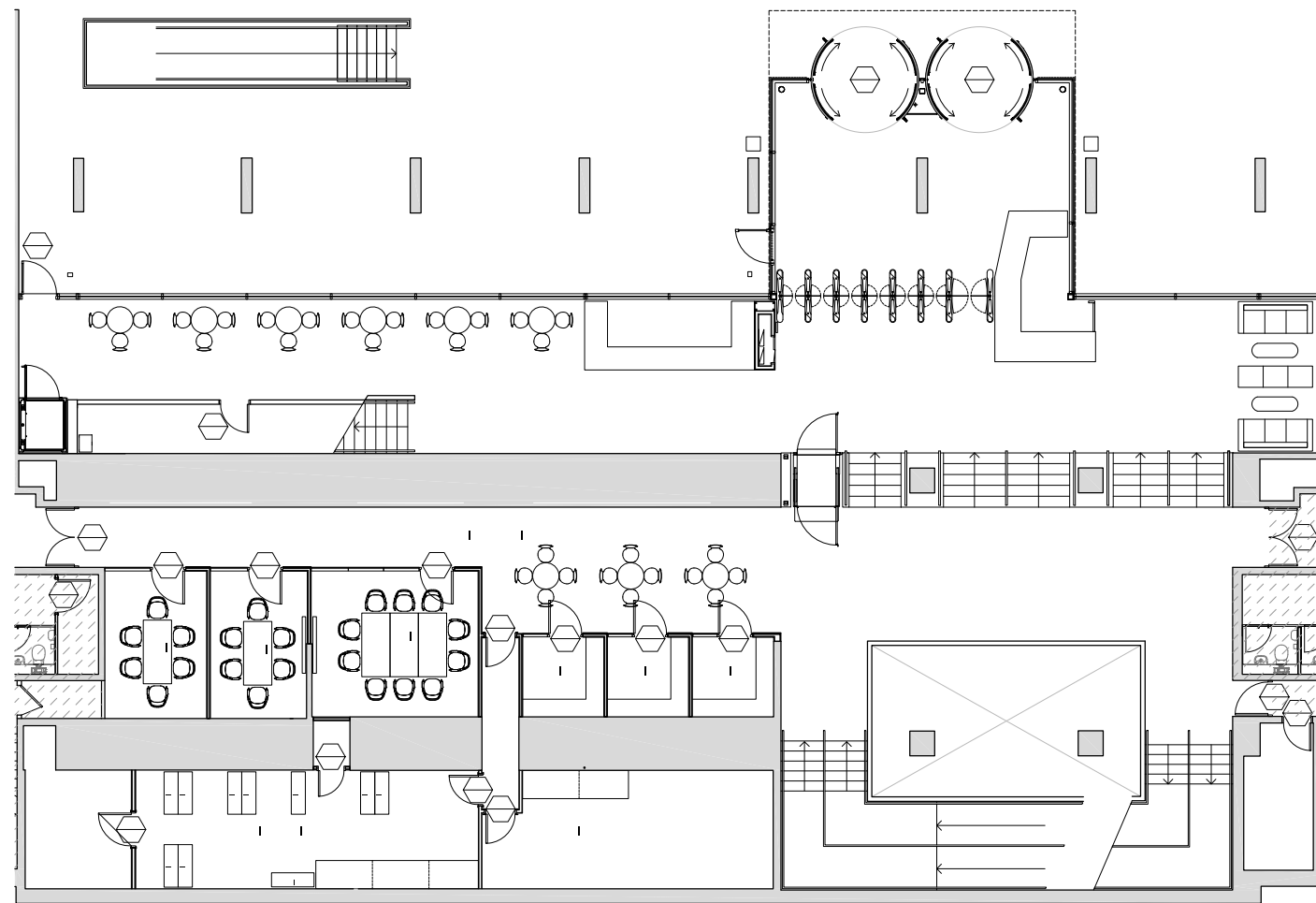
5.1.1 Bedford Way External Alterations

The development of the new entrance pavilion stems from our analysis of the original architecture and proposed massing options described in section 4.2.

The intention is to work within the architectural language and palate of materials of the original building. The proposed pavilion creates a strong visible entrance marker onto Bedford Way without competing architecturally with the grand order of the concrete colonnade. Rather, it picks up on the strong dark horizontals of the anodised aluminium cladding above and the highly transparent, recessed glazed curtain walling of the ground floor.

The pavilion extends forward of the line of concrete piers with the horizontal dark roof plane cantilevering further still, however, it is contained by the piers that flank it on either side.

Within the pavilion, a new reception desk and secure line provide a safe, secure and welcoming arrival into the IOE. Arrival through the pavilion leads directly in to the central atrium, the most important architectural space in the building, reinstating the grand arrival sequence of the original design.



Above: Proposed Plan
Right: Render perspective view

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5.1.1 Bedford Way External Alterations

As part of our design development, we researched and reviewed other architectural references that used a similar language to 20 Bedford Way. These references included the Brunswick Centre's Curzon Cinema, the refurbishment of Lasdun's Royal College of Physicians and the Arts Building at Manchester University.

The pavilion will be formed in Anadoic Bronze PPC finished aluminium curtain walling, finished in dark bronze to match the existing cladding and framing of the ground floor glazing. The cantilevering roof plane, wrapped in the same Anadoic Bronze cladding, projects over the new entrance doors, with building signage fixed to the leading edge. Two circle slide entrance doors, formed with with solid side panels, lead into the main reception area.

Where the new pavillion meets the existing building, sections of curtain walling will be carefully removed.

Note, the signage and lettering shown in the render (right) is indicative and a separate application will be made to cover building wide signage and wayfinding.



Render view of Proposed entrance pavilion



Precedent - Curzon Cinema Brunswick Center

Precedent - Royal College of Physicians



Precedent - Arts Building, Manchester University

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5.1.1 Bedford Way External Alterations



Render elevation view, proposed Bedford Way elevation.
Note, the signage and lettering shown in the render (right)
is indicative and a separate application will be made to
cover building wide signage and wayfinding.

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5.1.1 Bedford Way External Alteration

The proposed materials for the new entrance will be in keeping with the quality and finish of Lasdun’s original facade.

The pavilion will be formed in anodic bronze PPC finished aluminium curtain walling, finished in dark bronze to match the existing cladding and framing of the ground floor glazing. The cantilevering roof plane, wrapped in the same anodic bronze cladding, projects over the new entrance doors, with building signage fixed to the leading edge.

Two circle slide entrance doors, formed with with solid side panels, lead into the main reception area, providing inclusive access.

New, openable windows over provide ventilation and prevent overheating within the new pavilion and the L3 and L4 atrium.

Proposed Finishes

Existing concrete

01

Anodic Bronze PPC aluminium cladding to match existing cladding

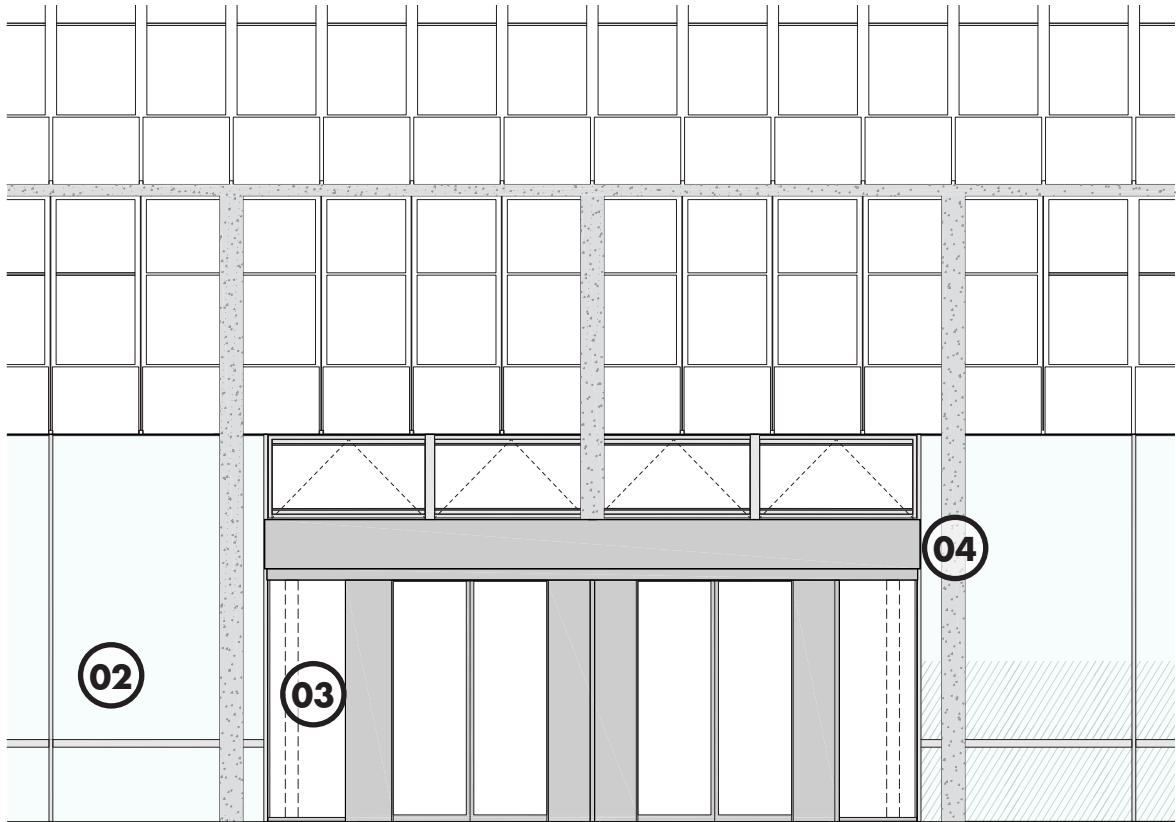
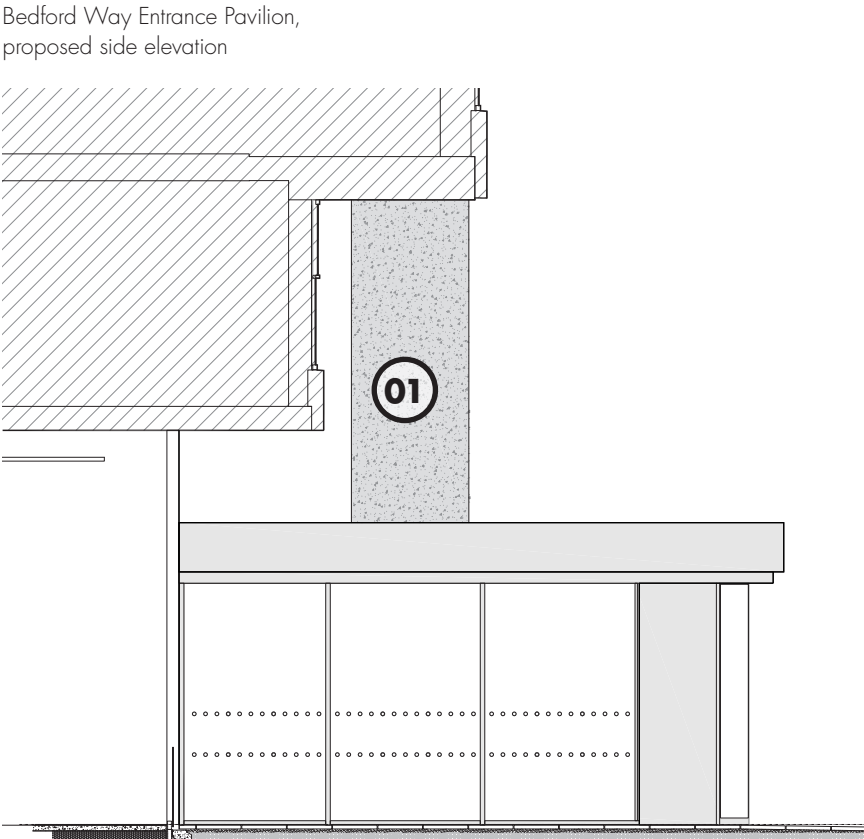
02

Bronze anodised aluminium curtain walling

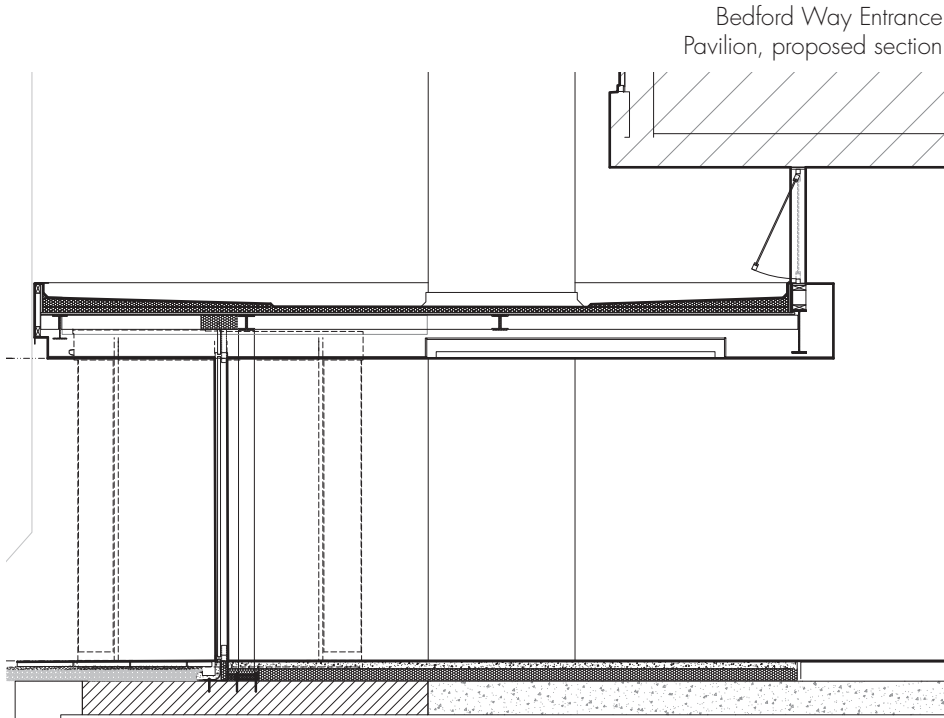
03

Anodised signage

04



Bedford Way Entrance Pavilion, proposed front elevation



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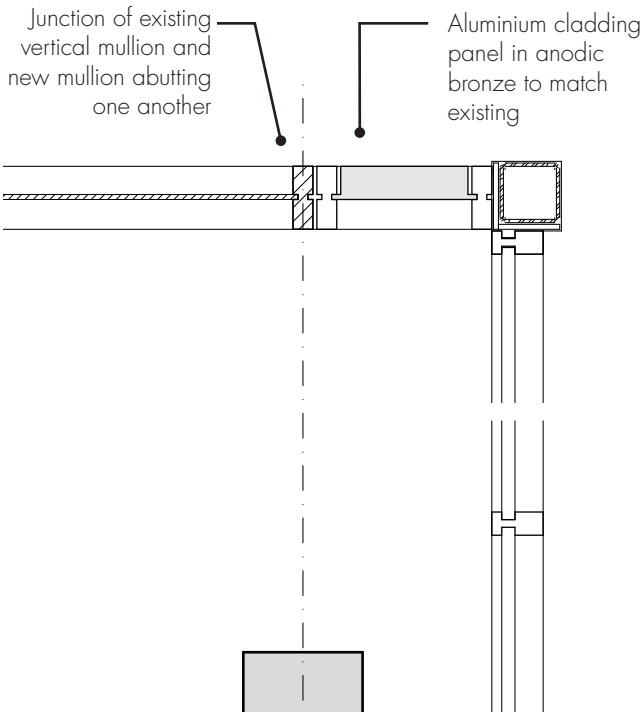
During the detailed development of the new entrance pavilion, we explored two options for the interface with the existing curtain walling.

Study 1

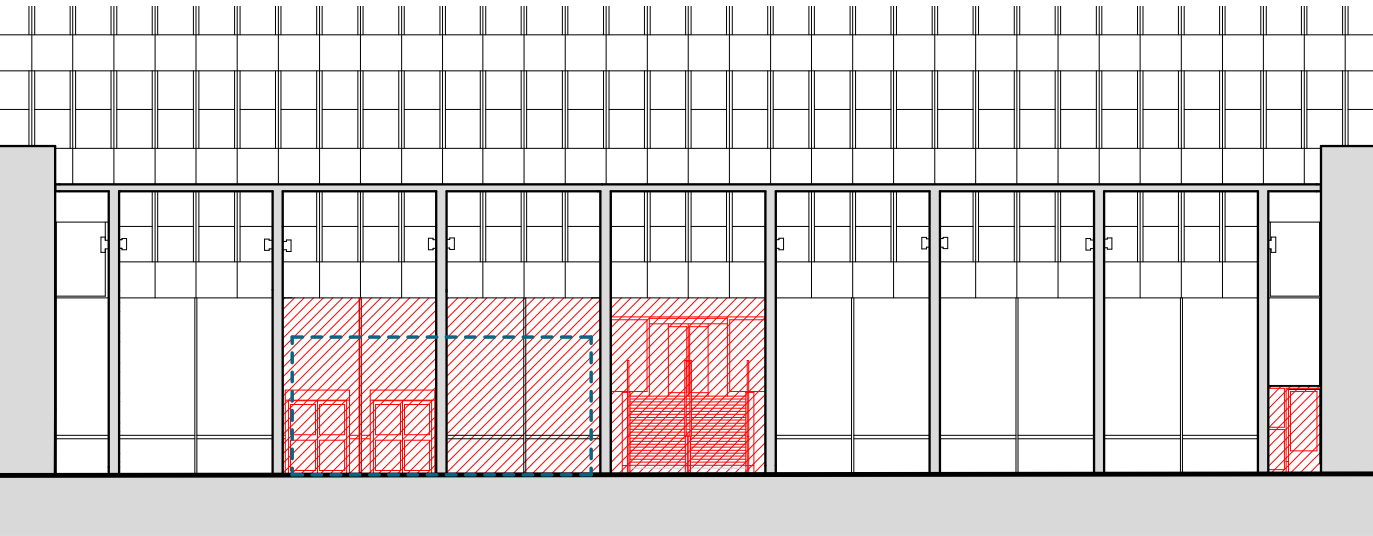
By retaining as much of the existing curtain wall as possible, the result is the requirement to abut the existing vertical mullion with a new one. This creates a vertical section between the vertical mullion and the new pavilion curtain walling that is circa 350mm wide and 3200mm high, which is not technically feasible in glazing. This panel would therefore be required to be constructed as an aluminium panel to match the existing frame colour.



Study 1, render of junction with existing



Study 1, detail to junction with existing glazing.



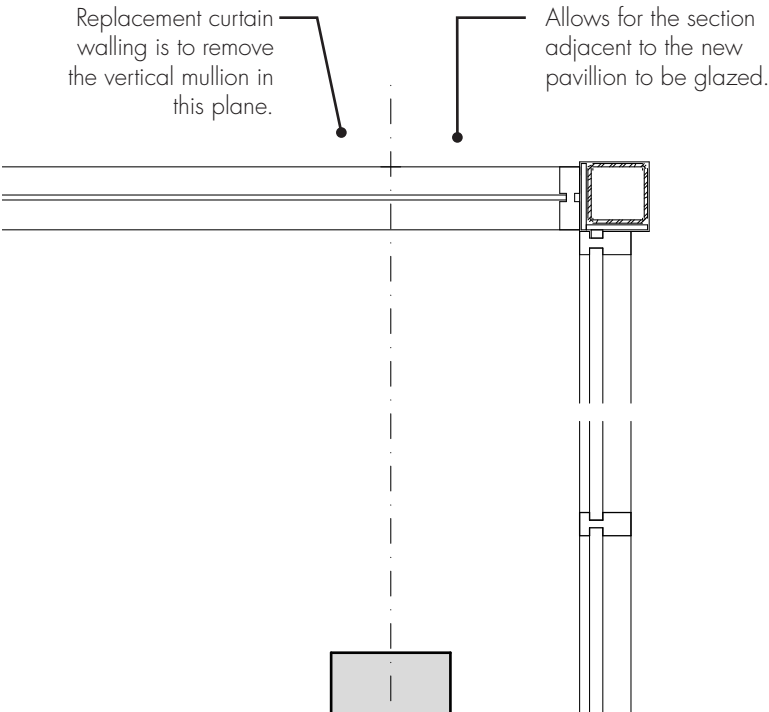
Study 1, extents of existing glass removed

Study 2

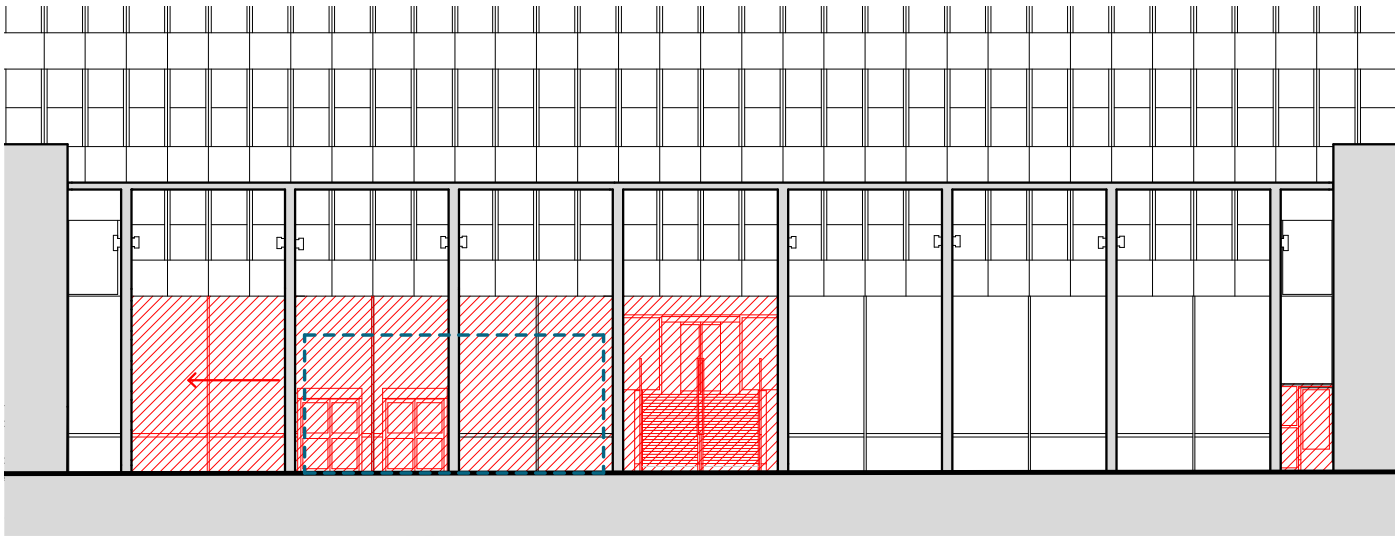
By taking the extent of works an additional structural bay to the left, this provides an opportunity to remove the vertical mullion on the gridline shown below. This removes the requirement for a slim, tall section of aluminium panel and allows for a larger single panel of glazing, creating a cleaner and lighter junction with the new pavilion.



Study 2, render of junction with existing



Study 2, detail to junction with existing glazing.



Study 2, extents of existing glass removed