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## 6.0 Building Envelope

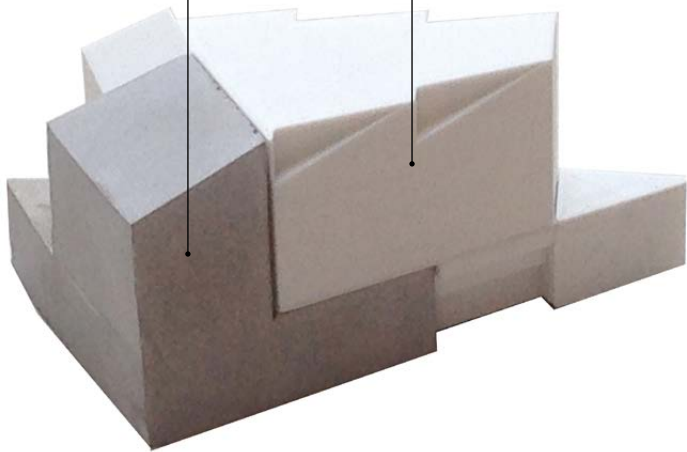
6.1 Quality&Character

The industrial nature of the site and its history lends itself to an architecture with a sense of craft but also robustness. This will help to embed the building into the context and character of the site.

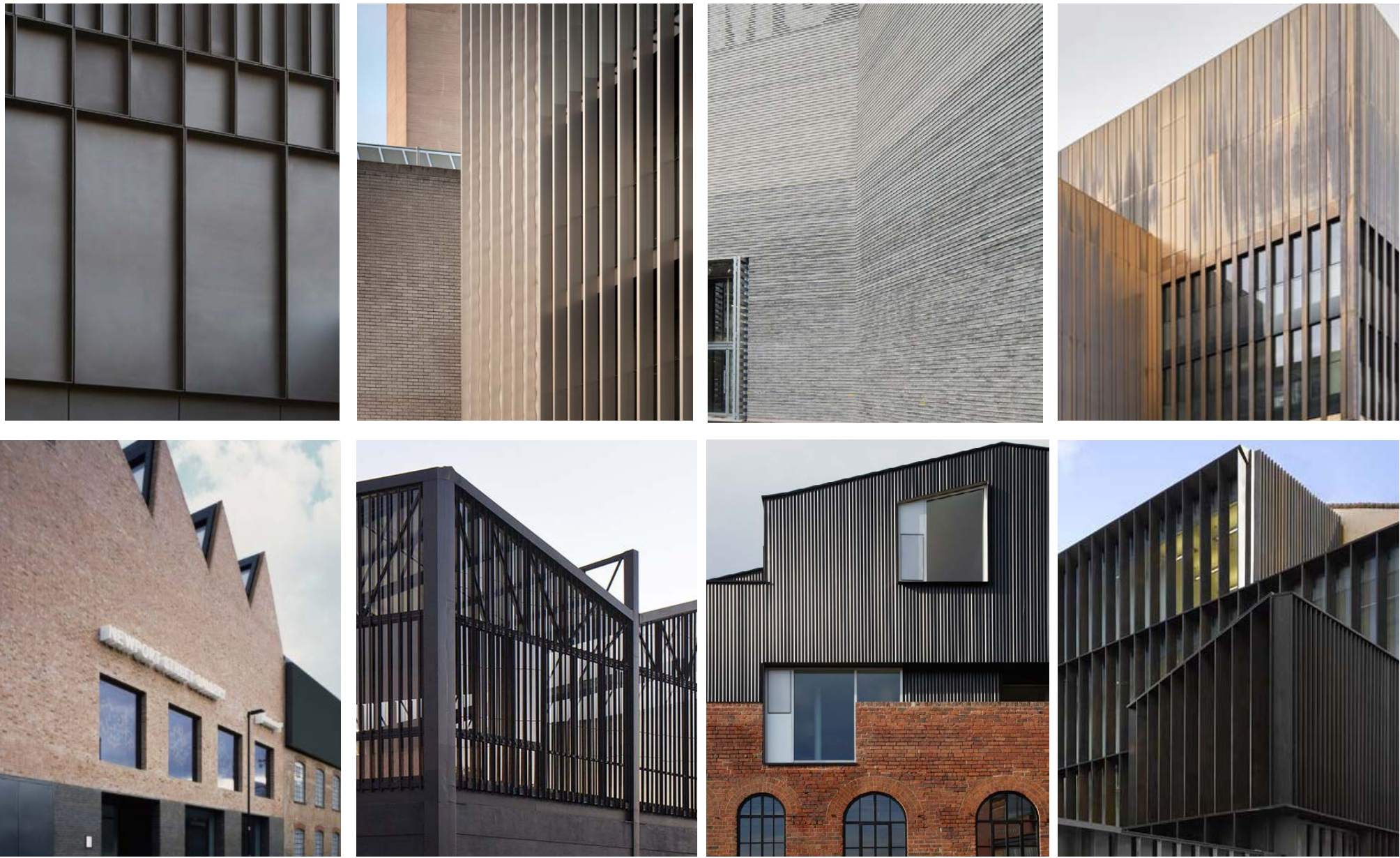
Divided into two key materials, the southern brick element relates to the residential area to the south while the crisper metal facade echoes railway architecture and has an appropriately contemporary feel.

Brick facade relates to the Victorian railway arches and the nearby Conservation Area

Metal facade reflecting the industrial character and heritage of the area



Materiality Diagram



Top:  
The Shepherd's Building by Duggan Morris, London / NT Future by Haworth Tompkins, London / Kunstumuseum Basel by Christ & Gantenbein, Basel / Archive for the Lutheran Church of Bavaria by GMP Architekten, Nuremberg

Bottom:  
Newport Street Gallery by Caruso St John, London / Levering Trade by Atelier ARS°, Mexico / Shoreham Street by Project Orange, Sheffield / Archeology Museum of Vitoria by Francisco Mangado, Spain



## 6.2 Materials



- 1 - Folded Metal Panels
- 2 - Dark colour Metal Panel with bronze coloured finish Extruded Ribs
- 3 - Weathering Copper Panels
- 4 - Dark bronze coloured Fins
- 5 - Dark bronze coloured Fins
- 6 - Ceramic Extruded Fins, Alex Monroe Studio, London
- 7 - Textured Brick, Kuntsmuseum, Basel
- 8 - Perforated Metallic Panel
- 9 - London Stock Brick



## 6.3 Street View South Spring Place





### 6.3 Street View North Spring Place





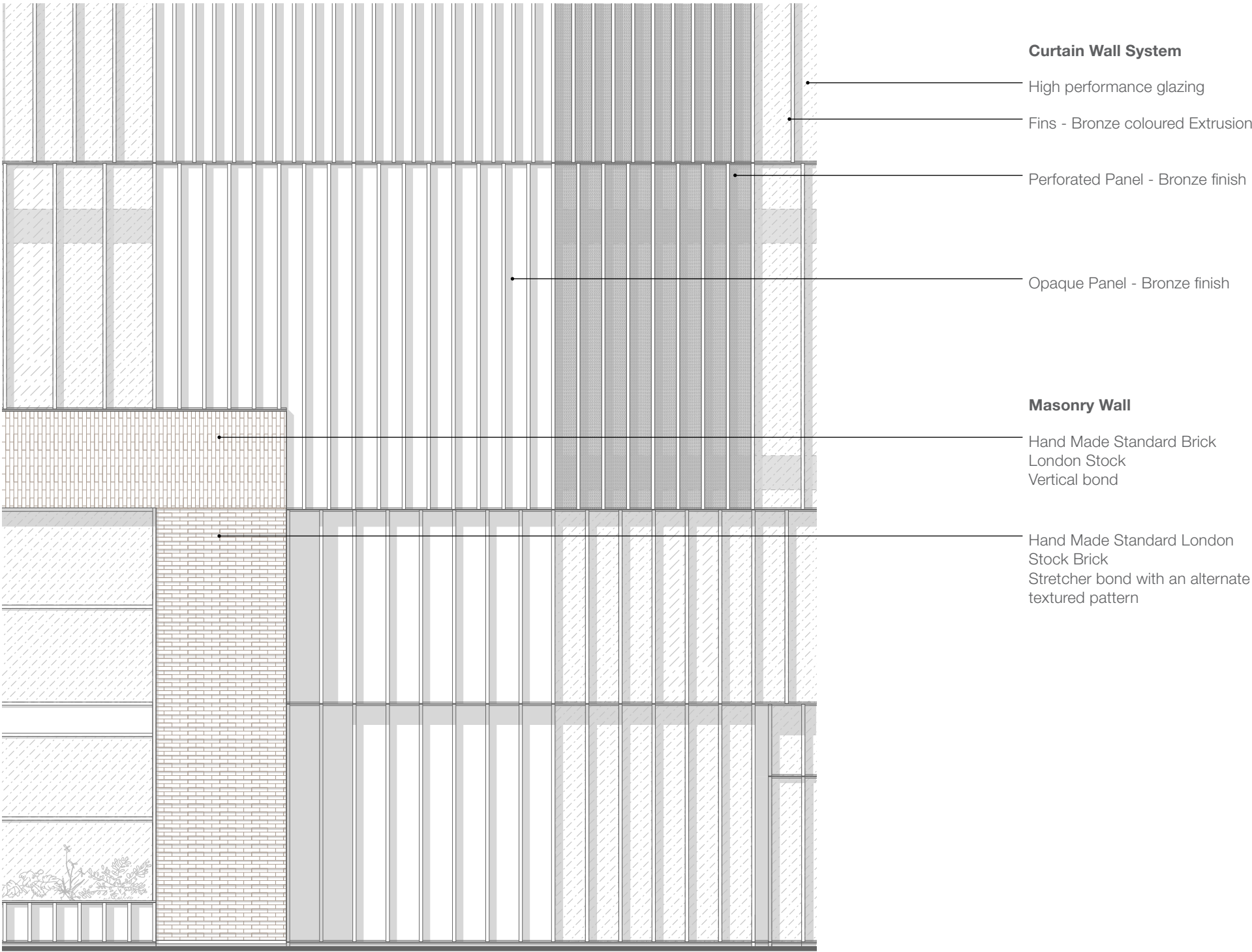
### 6.3 Street View Approach from Holmes Road





6.4 Facade Studies

The craft and detail of the facade is key to the success of the building. The following pages detail how the subtle variations in texture could be achieved in the metal work.

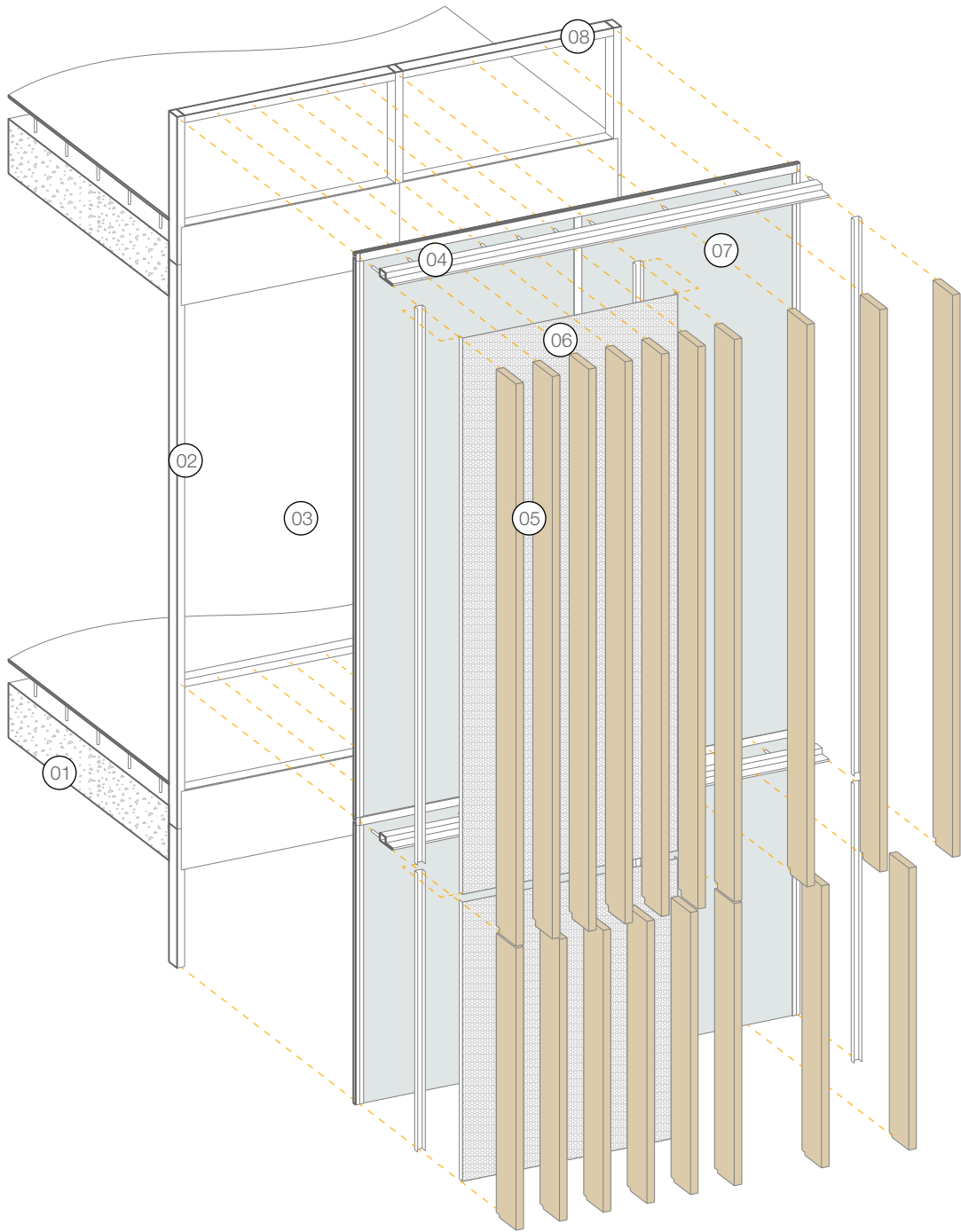
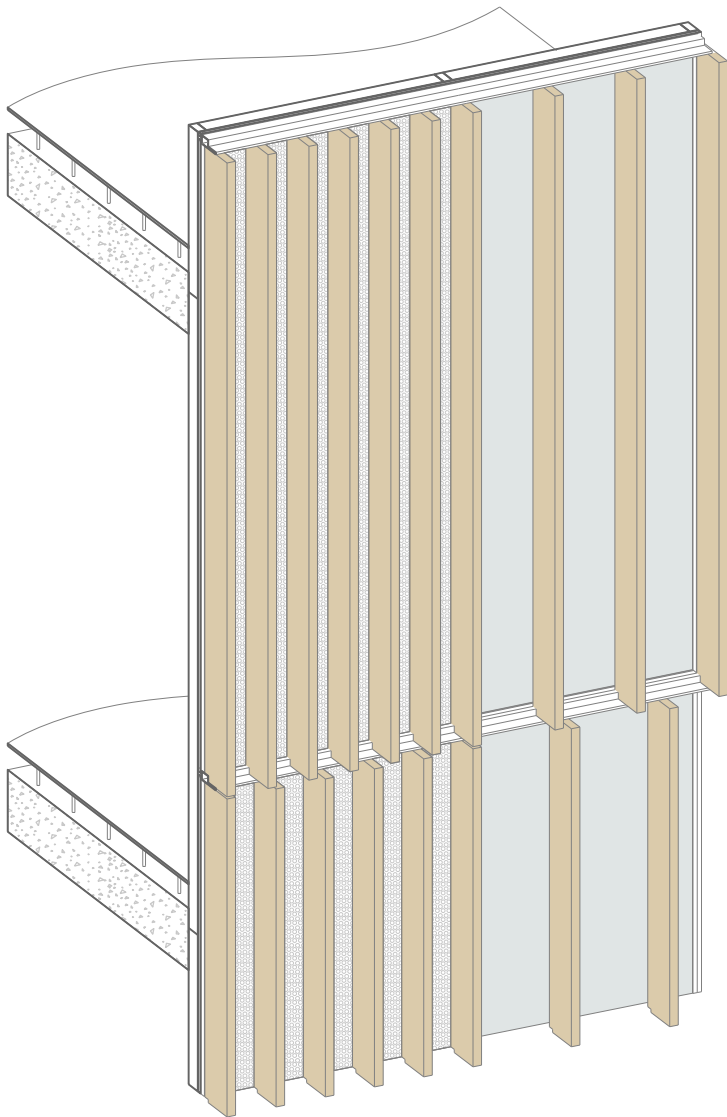


Facade Elevation



Facade Visualization

6.4.1 Curtain Wall Composition 01



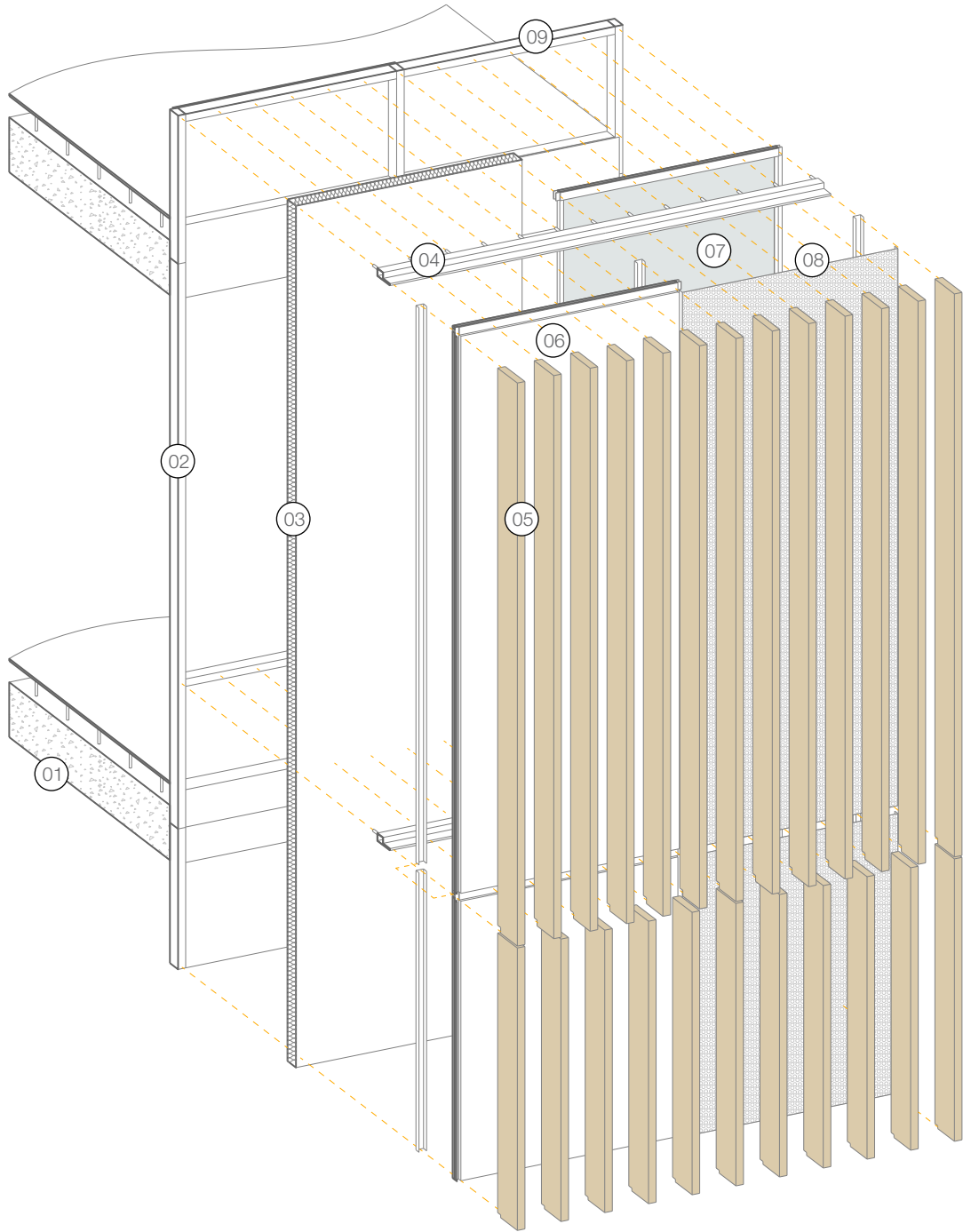
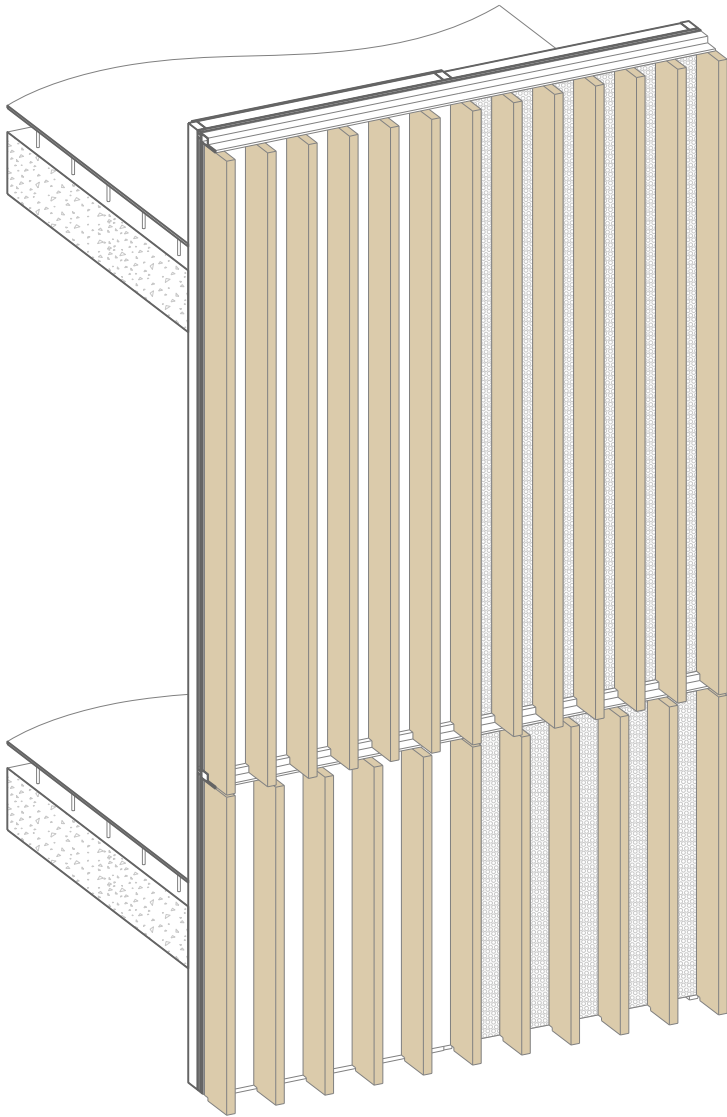
Glazing / Glazing + Perforated Mesh

- 01 Concrete slab with floating floor
- 02 Cladding structural frame
- 03 Insulation/Lining
- 04 Extruded fin fixing beam
- 05 Extruded metal fin
- 06 Perforated mesh panel
- 07 Glazing
- 08 Transom

Indicative Axonometric



6.4.2 Curtain Wall Composition 02

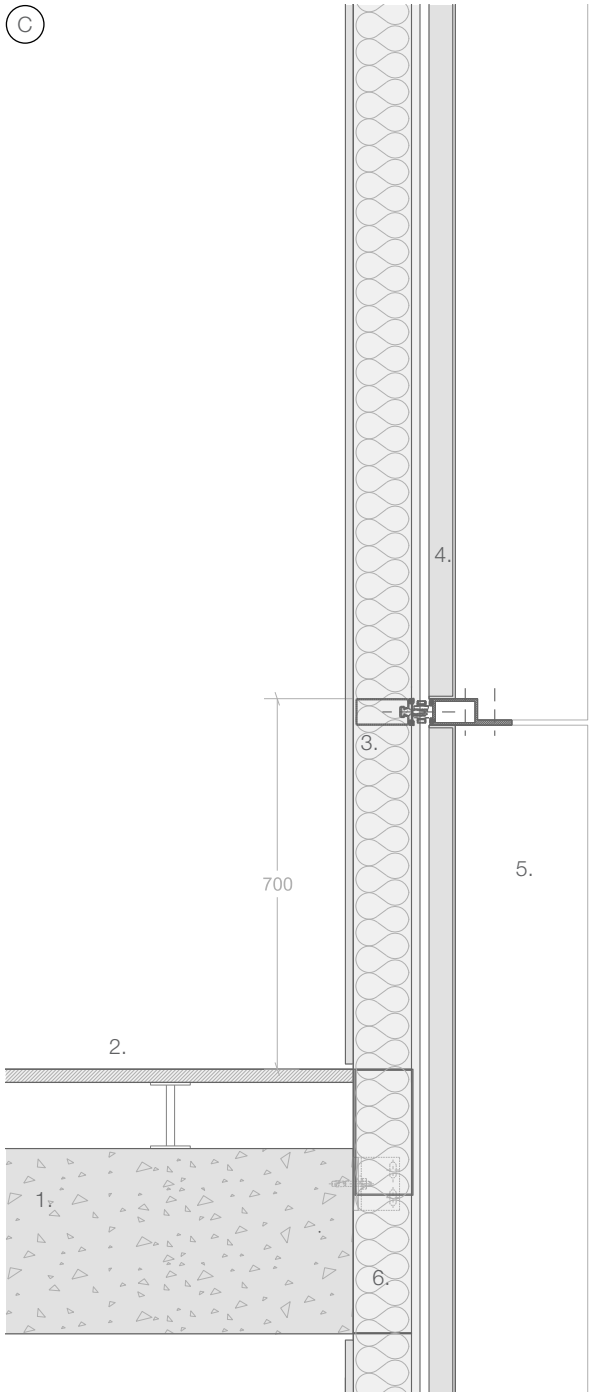
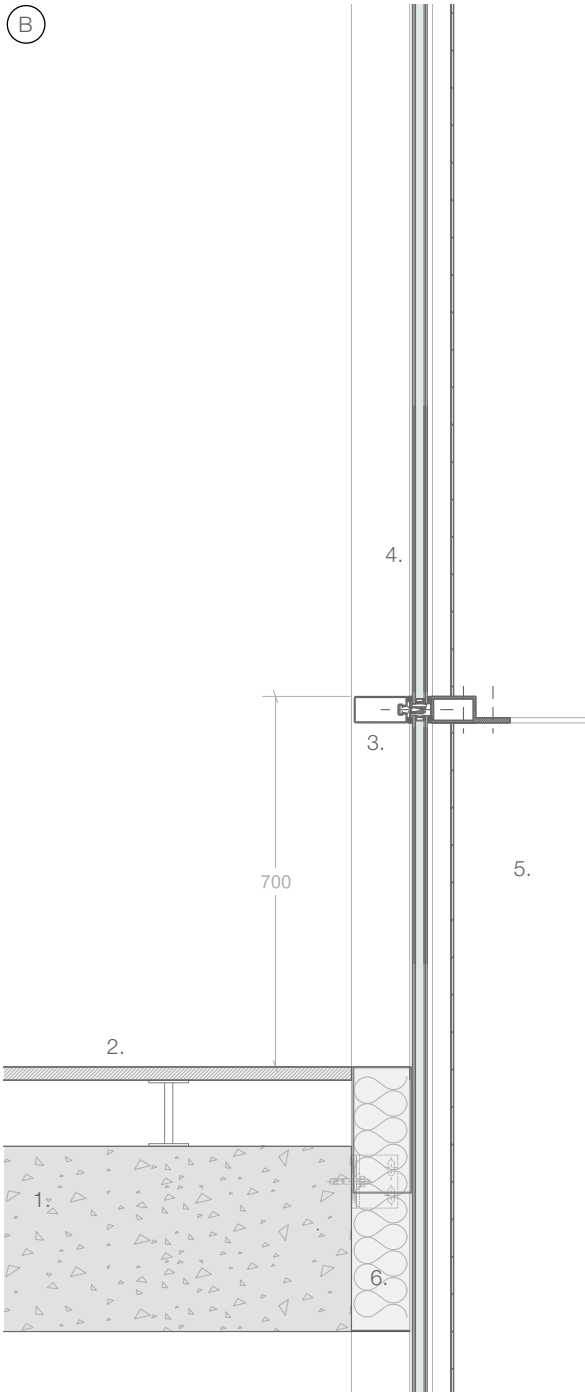
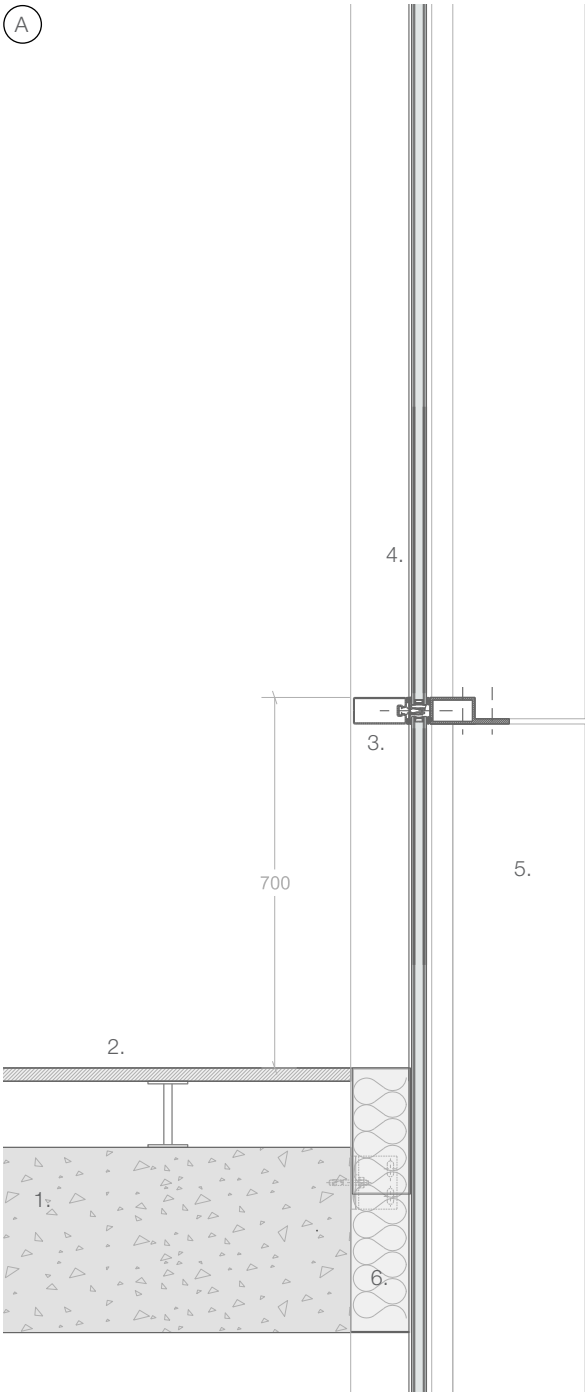


Glazing + Perforated Mesh / Solid Panel Curtain Wall

- 01 Concrete slab with floating floor
- 02 Cladding structural frame
- 03 Insulation/Lining
- 04 Extruded fin fixing beam
- 05 Extruded metal fin
- 06 Metal cladding panel
- 07 Glazing
- 08 Perforated mesh panel
- 09 Transom

Indicative Axonometric

6.4.3 Curtain Wall - Typical Details



Ⓐ Glazing curtain wall system

- 1. Concrete slab
- 2. Floating floor
- 3. Transom with extruded fin fixing beam
- 4. Glazing
- 5. Extruded metal fin
- 6. Insulated slab edge with panel to glazing

Ⓑ Glazing + perforated mesh curtain wall system

- 1. Concrete slab
- 2. Floating floor
- 3. Transom with extruded fin fixing beam
- 4. Glazing with exterior perforated metal panel
- 5. Extruded metal fin
- 6. Insulated slab edge with panel to glazing

Ⓒ Anodised aluminium panel curtain wall system

- 1. Concrete slab
- 2. Floating floor
- 3. Cladding frame with extruded fin fixing beam
- 4. Metal cladding panel + cavity wall lining build up
- 5. Extruded metal fin
- 6. Insulated slab edge