



ARCHITECTURE
PORTFOLIO

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Meridian Water Project: External Visual



Project Summary: With the main aim of this proposal being to bridge the gap between 2 communities, this courtyard was created along with the roof top terrace to create a safe space for residents to hangout, collaborate with each other and forge new connections.
The Drawing: This visual was made using **Autodesk Revit** to highlight the atmosphere of the courtyard at 5pm in the evening and how the different materials and surfaces interact. The large floor to ceiling glazed curtain wall was implemented to invite the public into the community centre.

Drawing: Visual
Sheet Size: A3
Scale: N/A
Page: 2



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Meridian Water Project: Internal Visual



Project Summary: With the main aim of this proposal being to bridge the gap between 2 communities, this Atrium breakout space was created for residents to hangout, collaborate with each other and forge new connections.

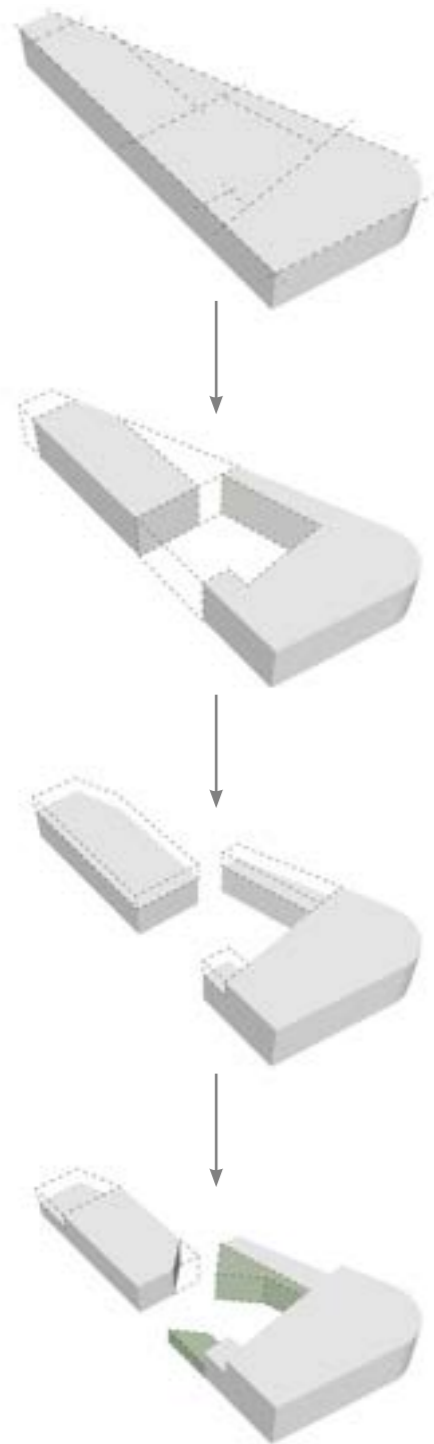
The Drawing: This visual was made using **Autodesk Revit** to highlight how the atrium breakout space looks at night. Meeting rooms on the first floor are exposed, promoting a productive environment and was designed to be a step in the right direction to boosting the economy.

Drawing: Visual
Sheet Size: A3
Scale: N/A
Page: 3



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Meridian Water Project: Massing Development + Final Site Plan

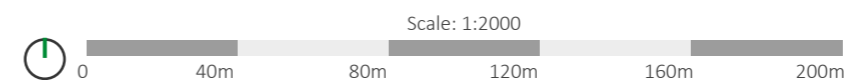
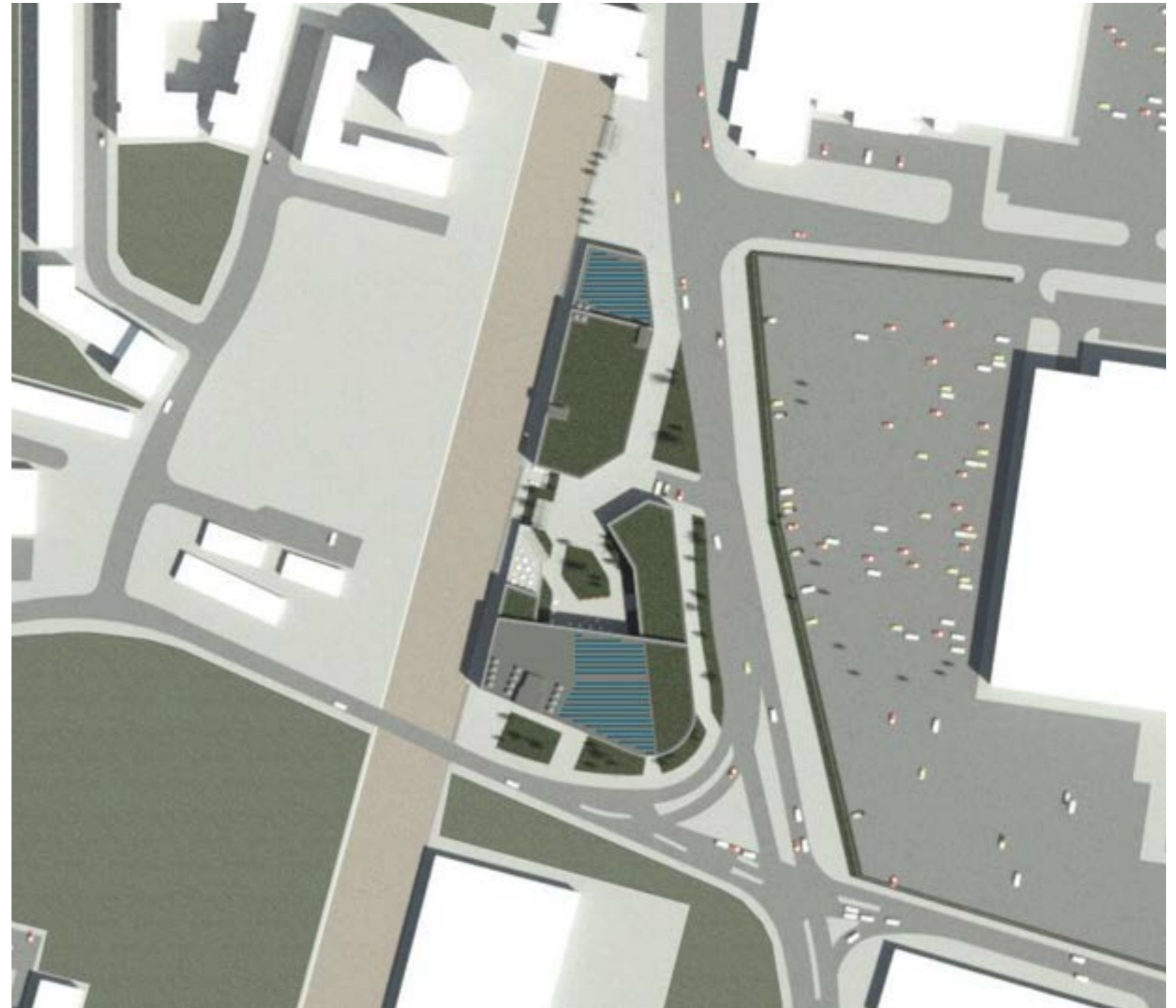


Lines from surrounding building edges informing the massing of this proposal

Creating an enclosed courtyard for collaboration between Upper Edmonton and Meridian Water

The process of reducing the massing area whilst adding various height levels to the massing

Amending the massing to improve the practicality and layout of functions and to invite the public into the site



Project Summary: With the main aim of this proposal being to bridge the gap between 2 communities, the project's massing connects with its surrounding area due to its volume and site-build ratio whilst also funnelling the public into the courtyard to promote further connection.

Massing Diagram: This diagram was made using **Sketchup and Illustrator** to highlight where the massing shape came from and its development.

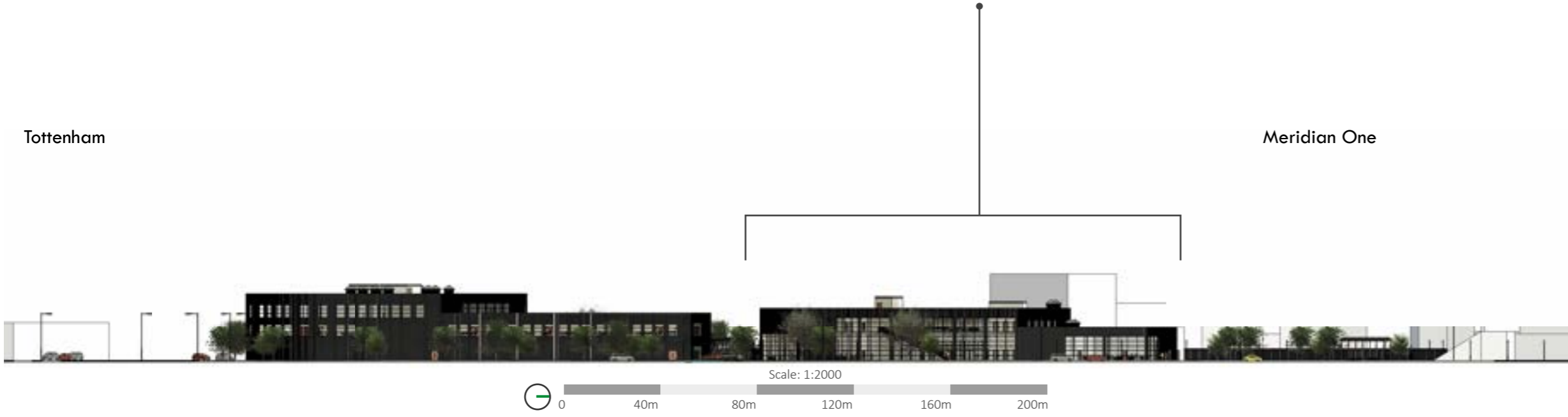
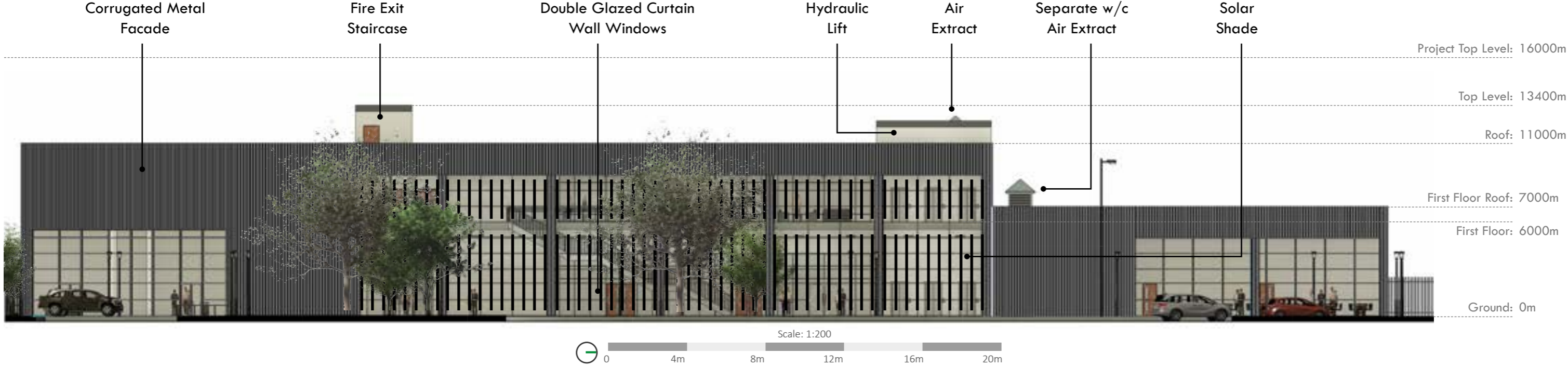
Site Plan: This drawing was made using **Autodesk Revit and Photoshop** to showcase how the proposal sits within its surrounding site

Drawing: Site Plan
Sheet Size: A3
Scale: 1:2000
Page: 4



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Meridian Water Project: East Elevation (Angel Edmonton Road)



Project Summary: With the main aim of this proposal being to bridge the gap between 2 communities, the project's external cladding connects with the surrounding area's typology (Industrial warehouses) with corrugated metal sheet panels.

Elevation: This drawing was made using **Autodesk Revit** and **Photoshop** to highlight the buildings cladding, size and height in relation to its surrounding area. Additionally, how users would interact with the proposal internally and externally.

Drawing:	Elevation
Sheet Size:	A3
Scale:	1:200
Page:	5

Meridian Water Project: Cross Section Through the Sports Building



Project Summary: With the main aim of this proposal being to bridge the gap between 2 communities, the sports building is part of phase 3 of the proposal which aims to further promote connections between both neighbourhoods, through sport and recreation.

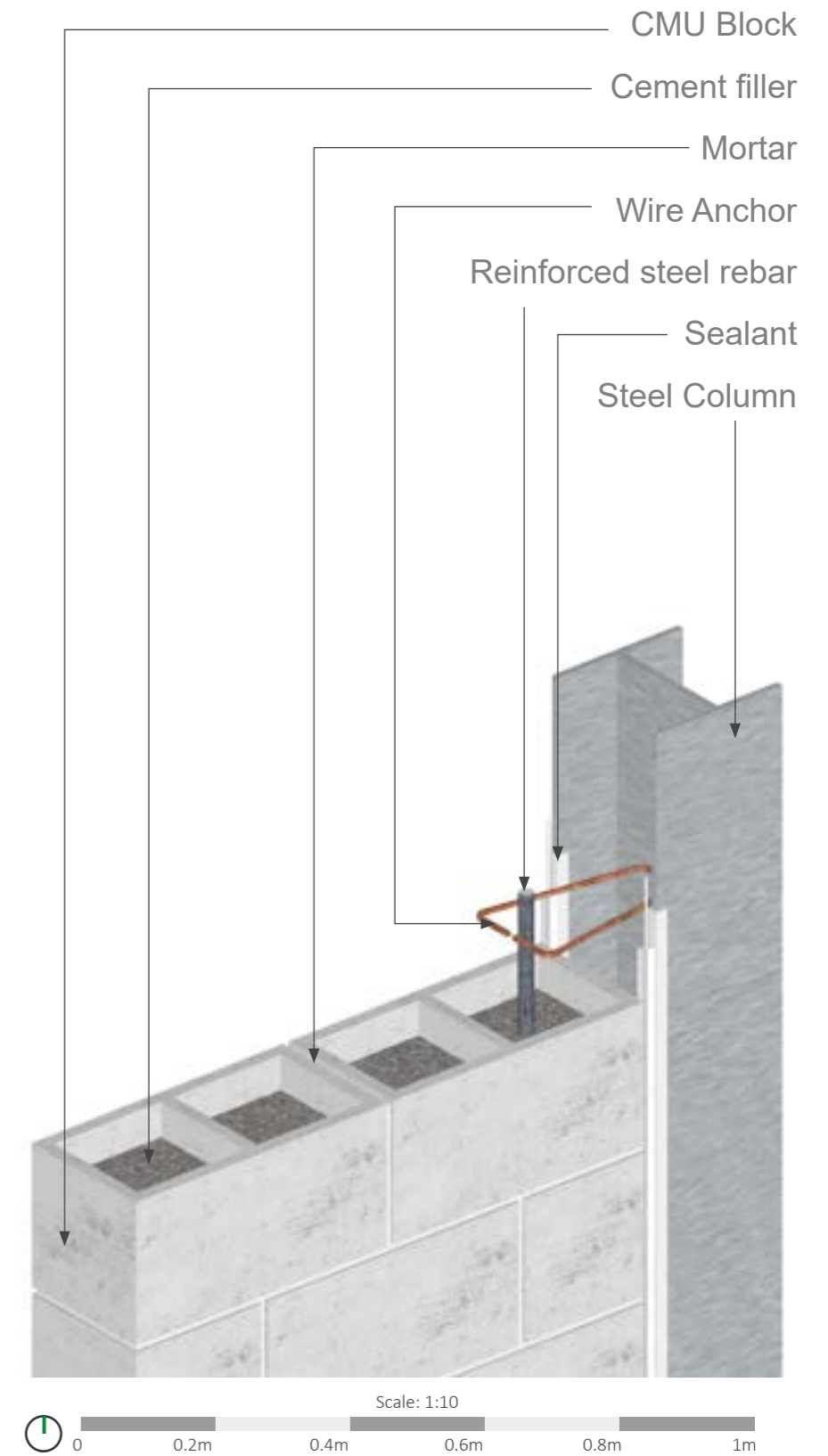
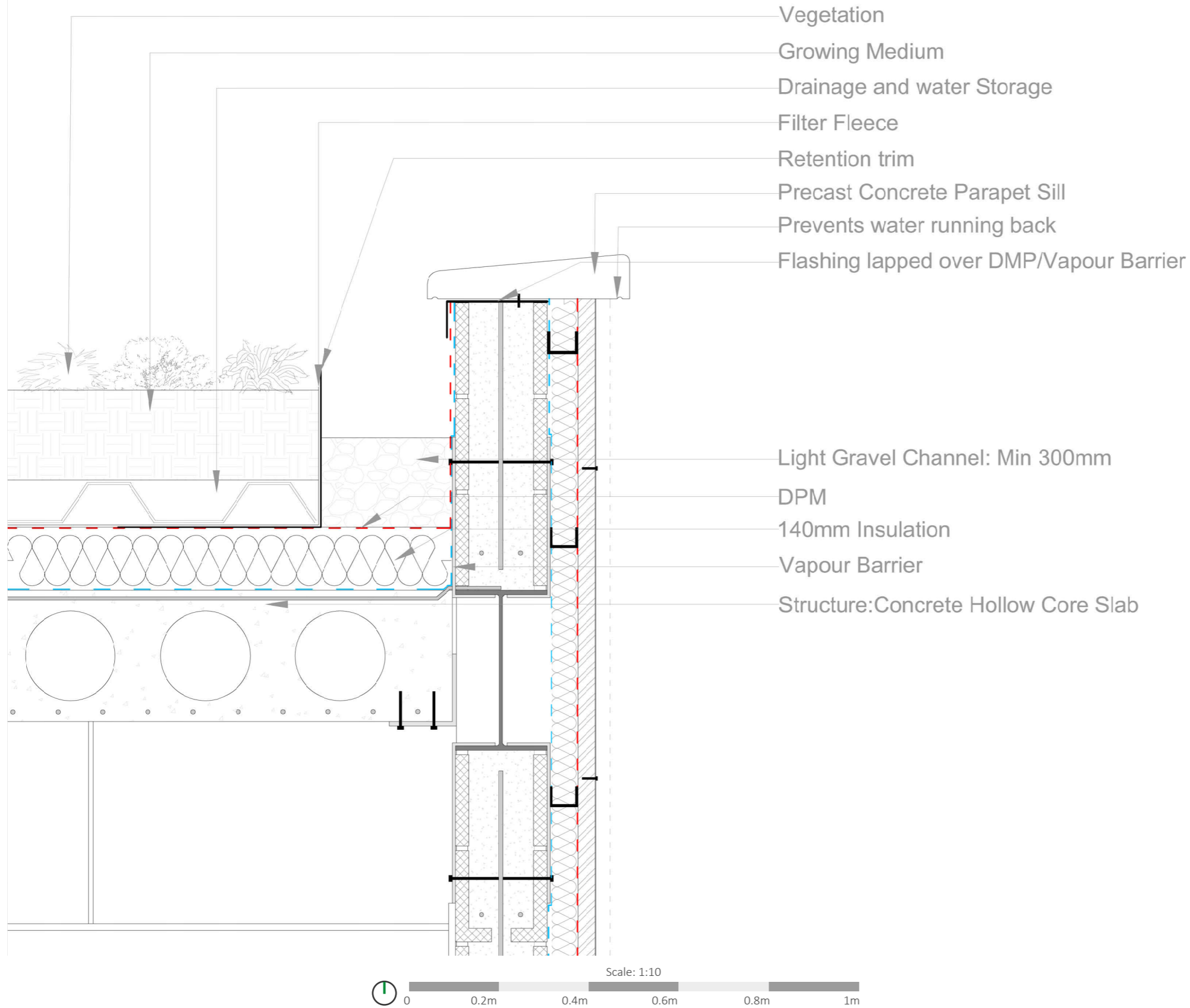
Elevation: This drawing was made using **Illustrator** and **Photoshop**, and highlights how the building interacts with its immediate surrounding are whilst tackling with certain environmental issues such as the impact loads from fast trains passing with a shear wall and plant room buffer to minimize noise.

Drawing: Section
Sheet Size: A3
Scale: 1:200
Page: 6



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Meridian Water Project: Green Roof Detail + Wall/Column Component Detail



Detail (Left): This Green roof - external wall detail was made using **AutoCAD**, and highlights how the assembly of the extensive green roof is supported by the hollow core concrete floor slab that is attached to the steel I beam on the external cladding wall

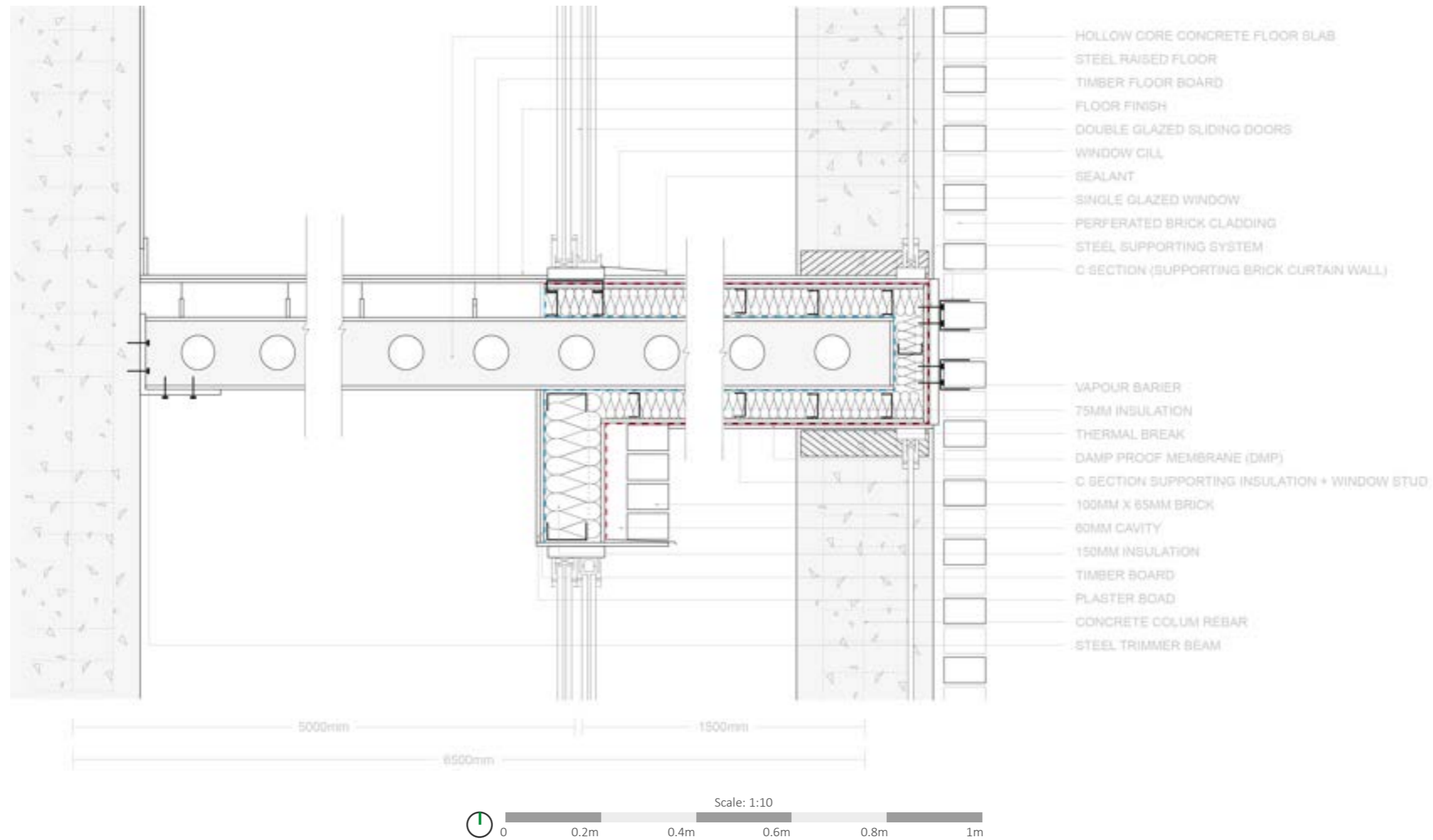
Axonometric Detail (Right): This component detail was made using **Illustrator** and **Sketchup**, and highlights the intricate detail of how the CMU block is attached to the steel column through the wire anchor holding the reinforced steel bar that is submerged in the concrete mix in the CMU block.

Drawing: Detail
Sheet Size: A3
Scale: 1:10
Page: 7



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Jewellery Quarter Project: Double Skin Facade



Project Statement: A jewellery making community centre where the public can learn about the history of the area and learn a new skill. The project was inspired by the area, hence, connects with its urban context, connections within the facade materials and promoting user connection and collaboration

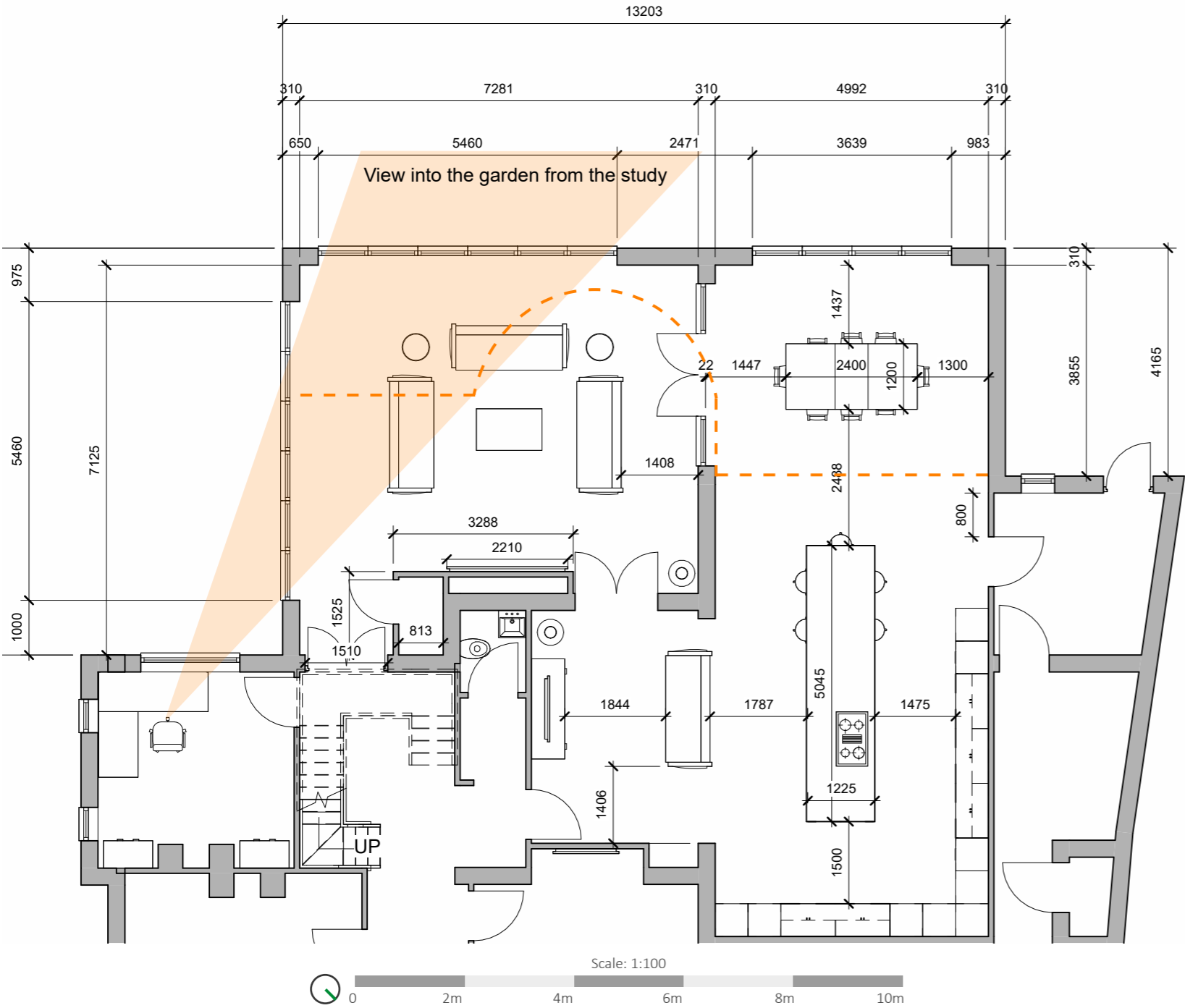
Detail: The Double Skin Facade Detail was drawn using **illustrator** and designed as part of the south east facade for environmental, acoustic and aesthetic reasons with a perforated brick cladding design.

Drawing: Detail
Sheet Size: A3
Scale: 1:10
Page: 8



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Residential Single Story Rear Extension: Ground Floor Floorplan



Project Statement: The client was looking to extend the existing conservatory (dashed orange line) to create a large living dining and kitchen space to accommodate 20-30 guests on the weekends without compromising on the view into the garden from the study.

The Drawings: The floor plan and elevations were drawn using **AutoDesk Revit** and annotated using **Illustrator** to highlight the proposal in comparison to the existing building with relevant dimensions for the client to understand the size of the space and furniture drawn.

Drawing: Floorplan
Sheet Size: A3
Scale: 1:100/200
Page: 9



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Interior Renovation for an SME Office Space



Project Statement: The clients were looking to renovate their office space to maximize efficiency, impress clients and create an environment where employers want to work in.
The Drawing: These visuals were made using **Sketchup and Photoshop** and were used to showcase to the client the proposed office space at different sections of the floorplan.

Drawing: Visuals
Sheet Size: A3
Scale: N/A
Page: 10



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Architecture Display Model



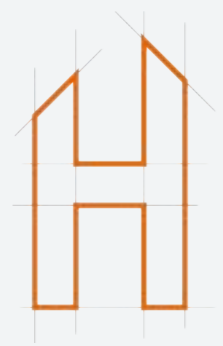
Project Statement: The client was looking to showcase their newly acquired property to the community to help in fundraising the project, with an architectural model to be placed at the entrance of their current centre.

The Drawing: This physical **handmade model** was intentionally created without external walls to the building as requested by the client to showcase the scale or the property and potential for interior renovation. The only aspects that were sourced included cars, trees, lights, bikes, benches and people.

Drawing: Model
Sheet Size: A3
Scale: 1:100
Page: 11



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