

PATHWAYS: COMMUNITY AND REHABILITATION CENTRE

Sophie Lincoln
27620812

A PLACE OF HEALING, CONNECTION AND COMMUNITY

1. Project Proposal

Pathways is a community and rehabilitation center located at the Lawn Car Park site, specifically designed for elderly users and adults with limited mobility. The project honours the site's history as a place of care by creating a welcoming, inclusive hub for wellbeing, social connection, and rehabilitation while preserving the site's original natural landscape.

The design prioritises accessibility, age-friendly planning and comfort through step-free circulation, clear navigation and adaptable communal spaces. Strong connections to nature are created through accessible landscaped areas and green roofs. Combined with Net-Zero design strategies, sustainable materials and passive environmental design to reduce environmental impact whilst enhancing user experience, creating a calm, supportive and restorative environment for all.

2. Initial Development Sketches

Initial development studies investigating form, circulation, natural light, and the relationship between interior and exterior space.



Glass Courtyard



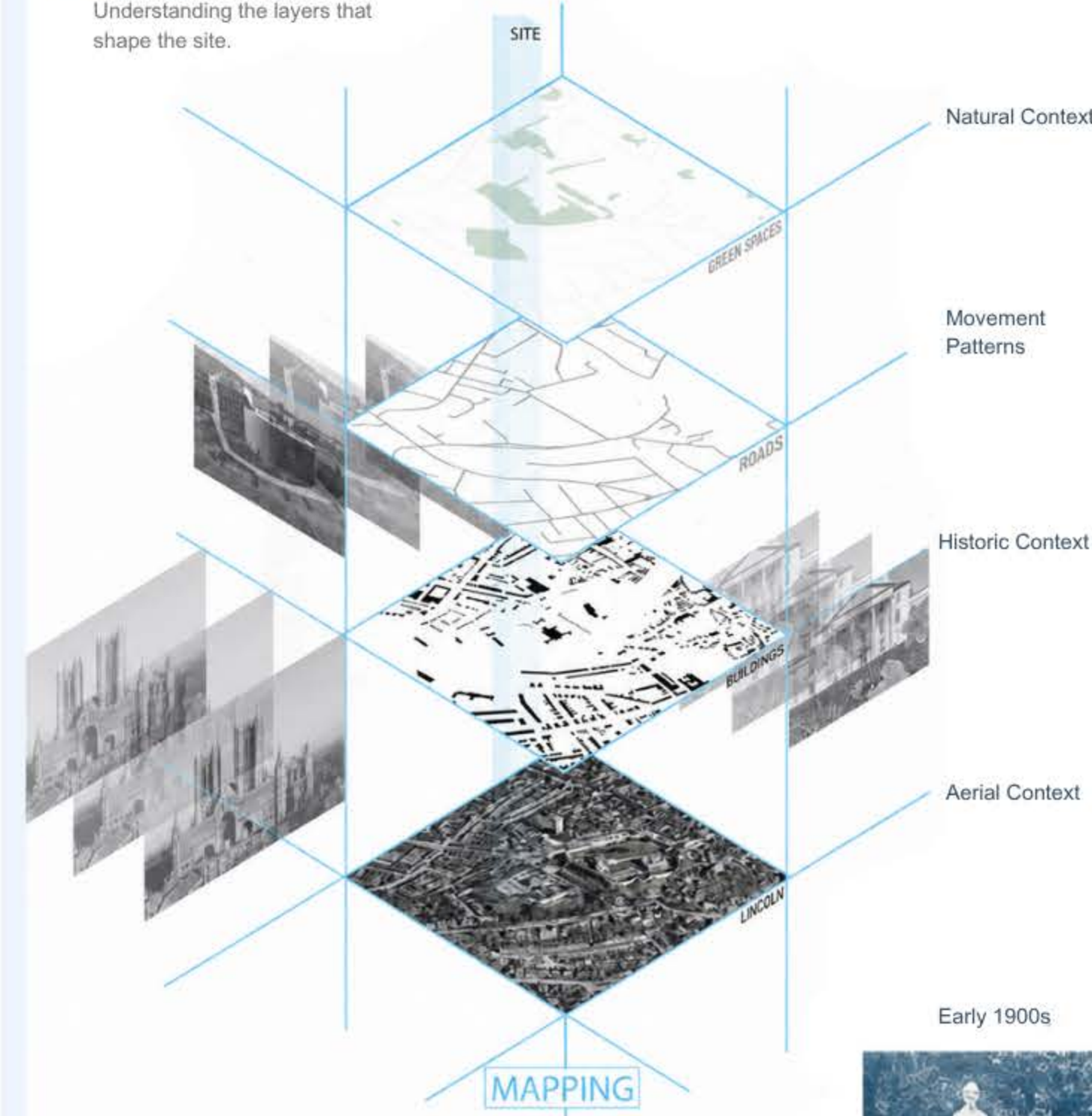
Rooftop Garden



Glass Facade Entrance

3. Site Mapping

Understanding the layers that shape the site.



The site is defined by a rich historical fabric, strong movement corridors and significant green potential within an evolving urban context.



Paul Parnell Boys Asylum Established



Growth of Institutional Health Facilities and Patient Care



Early 1900s

C
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c.1950s



1917s-2000s



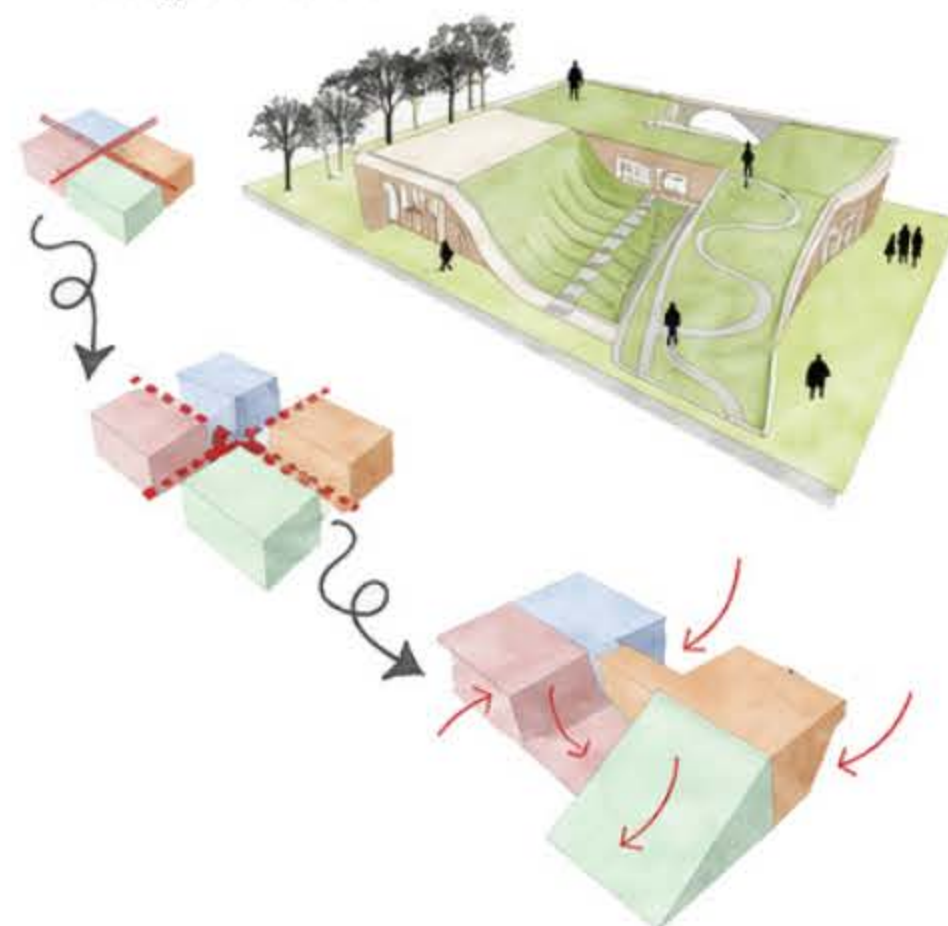
2025

The Lawn becomes a community gathering place

Site transforms towards a new community purpose

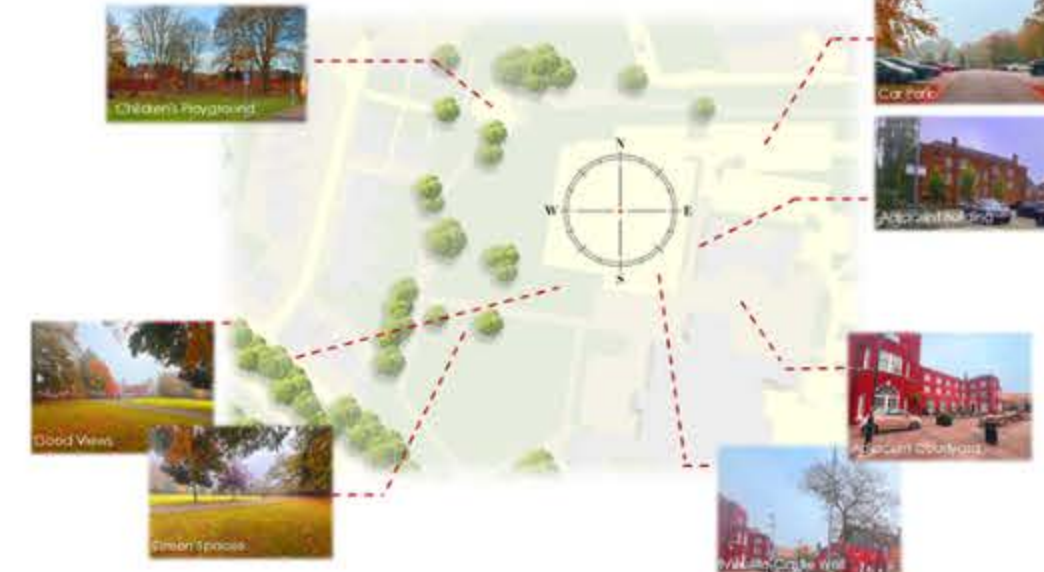
4. Landscape and Form

Exploring opportunities for restorative landscapes and ecological connections.



5. Access and Connections

Linking the site to its surroundings and key community destinations.



6. Main Goals & User Groups

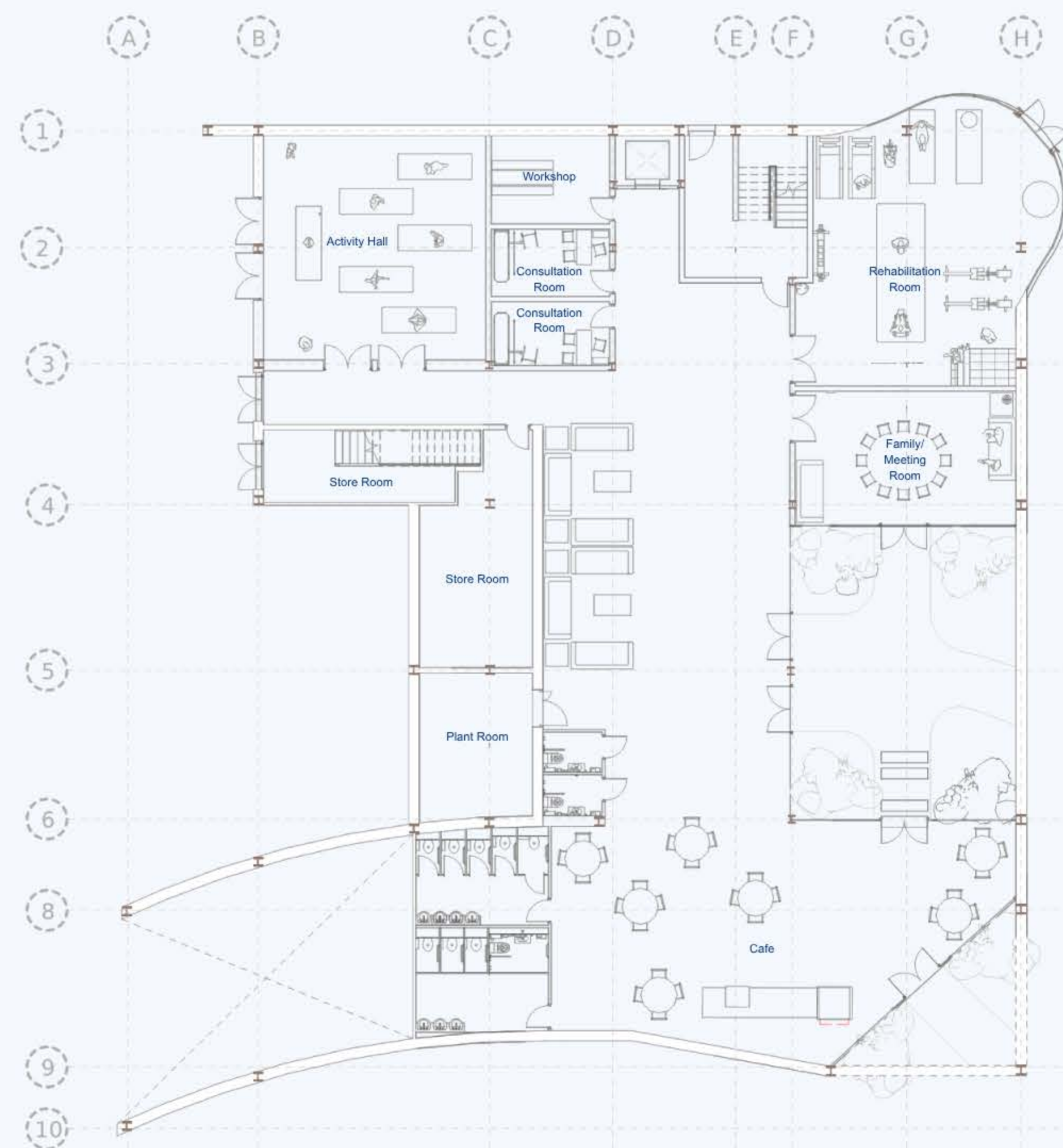


7. Historical Context

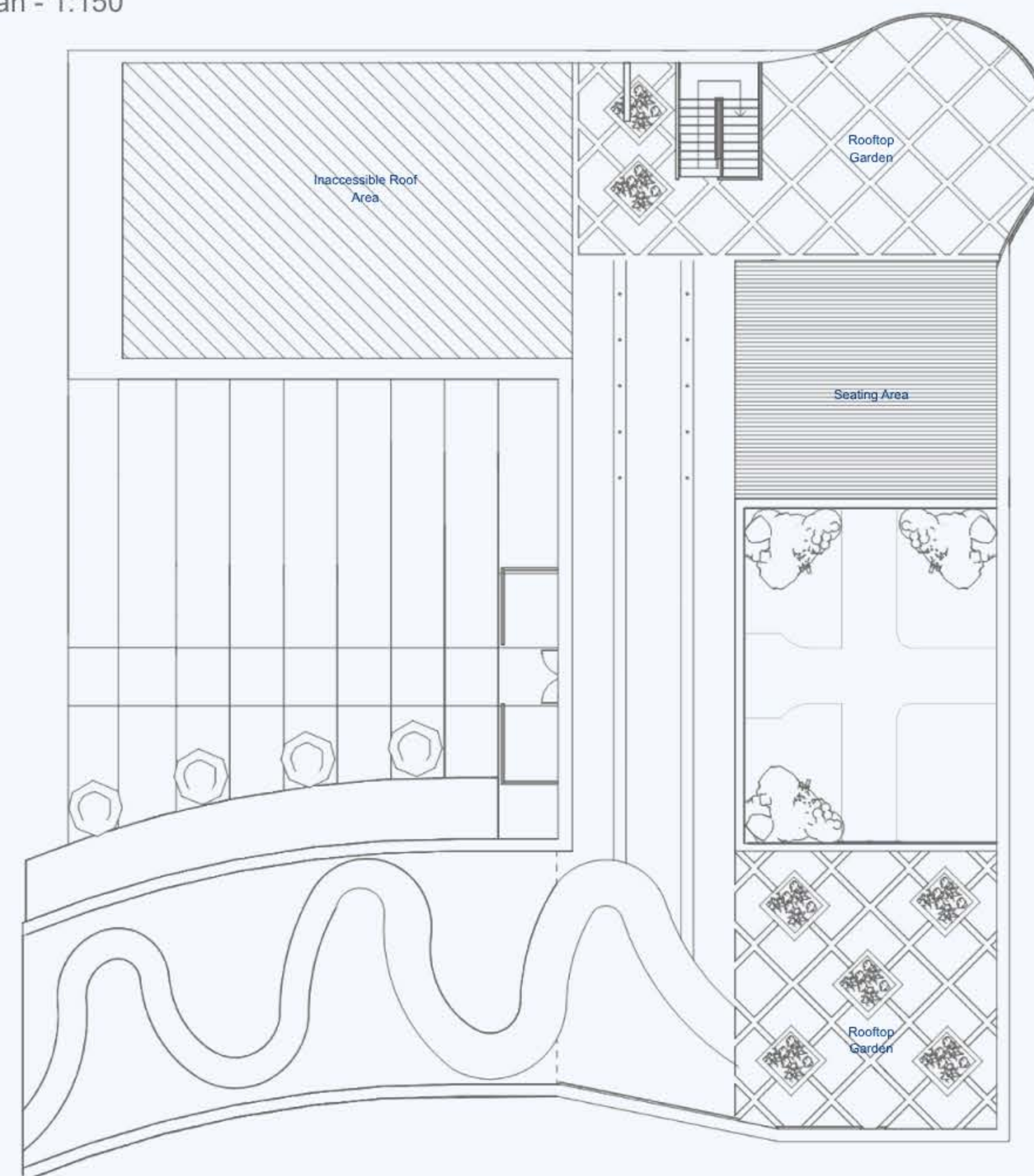
A timeline of institutional care and community development on the proposed site

8. Key Site Findings

- Strong Historical Identity**
A legacy of care and community that shapes the site's future potential.
- Green & Wellbeing Opportunity**
Existing Vegetation and topography support restorative outdoor spaces.
- Connectivity & Access**
Strategic links to community amenities and strengthen transport integration.
- Connectivity Reconnection**
Reimagining the site as an inclusive hub for health, learning and belonging.
- Adaptive Reuse Potential**
Existing structures offer opportunities for sensitive reuse and renewal.



Ground Floor Plan - 1:150



Green Roof Plan - 1:150

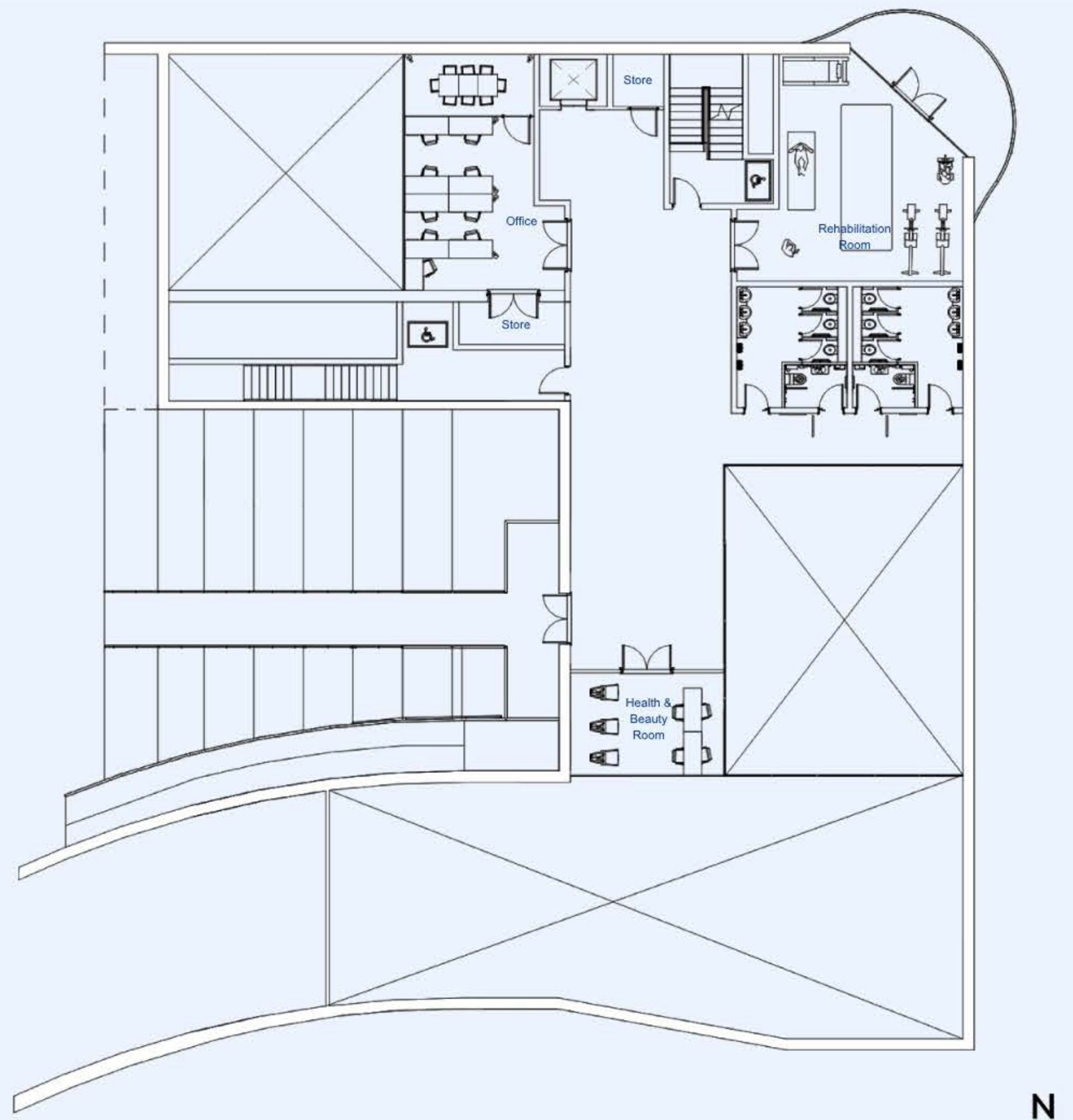
1m SCALE 1:150



Rehabilitation Room

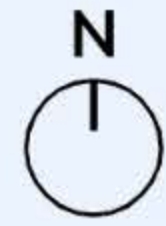


Activity Hall



First Floor Plan - 1:150

1m SCALE 1:150



Accessible Green Rooftop



Proposed Site Plan



Age UK Office Space



Landscape Lighting Strategy

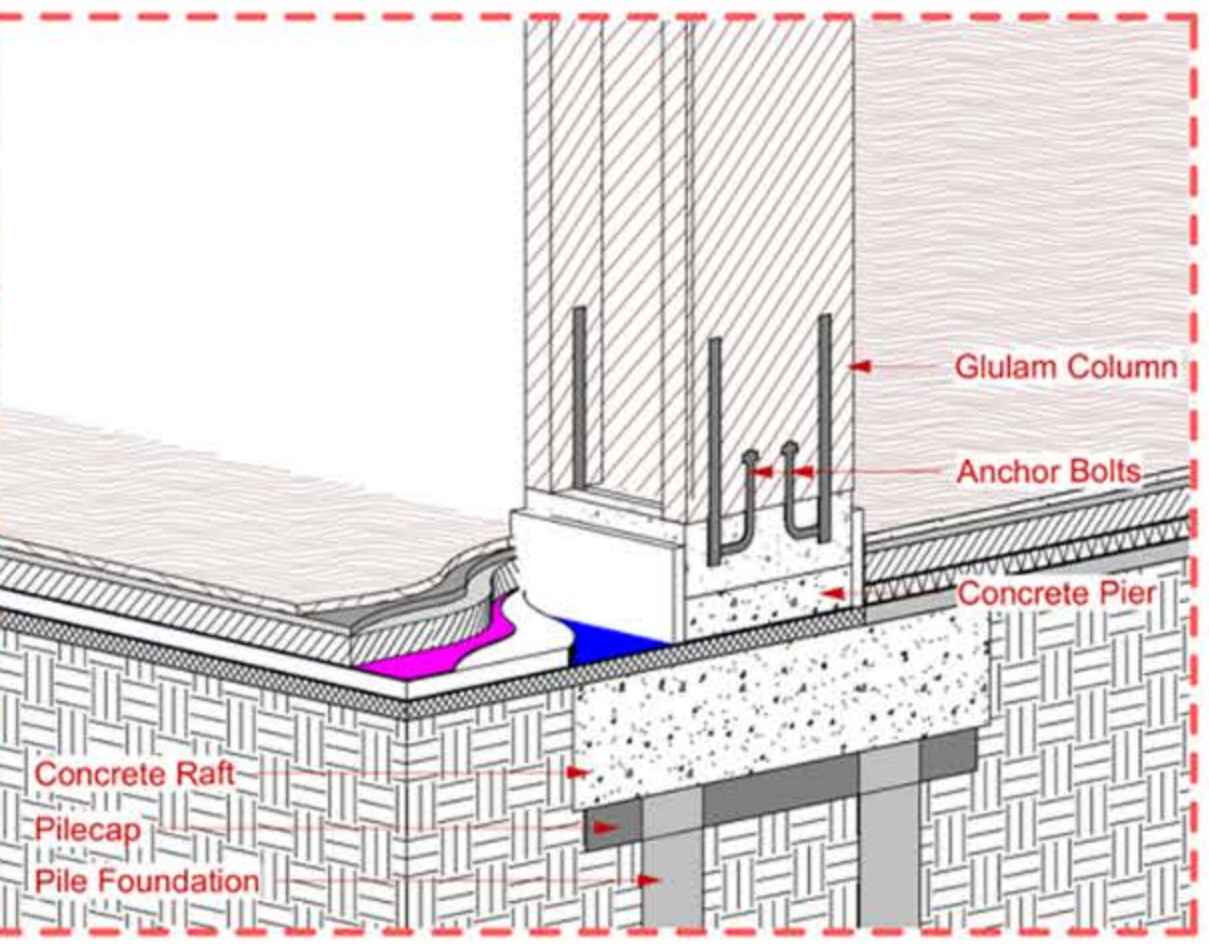


Communal Lounge & Wellness Zone

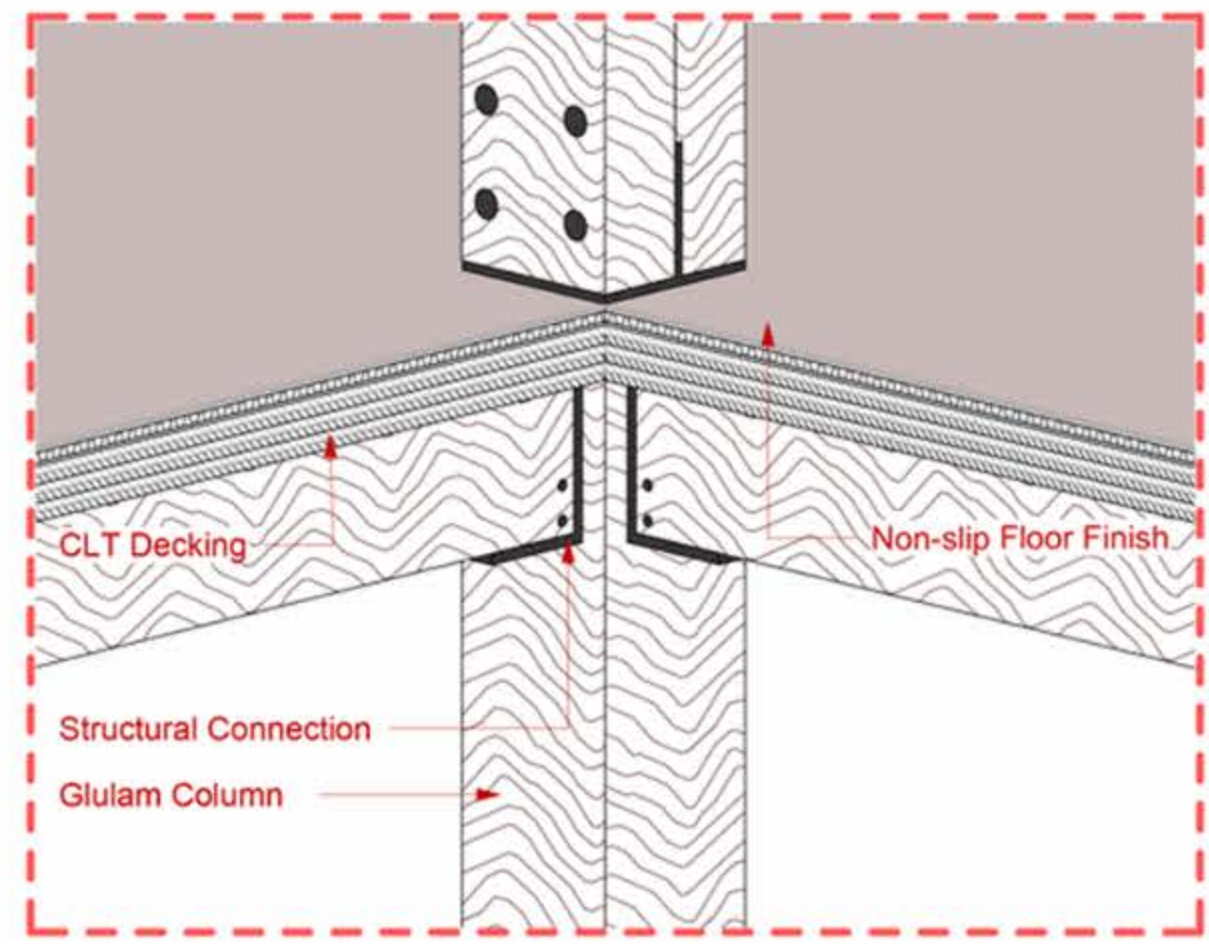


Green Roof Garden

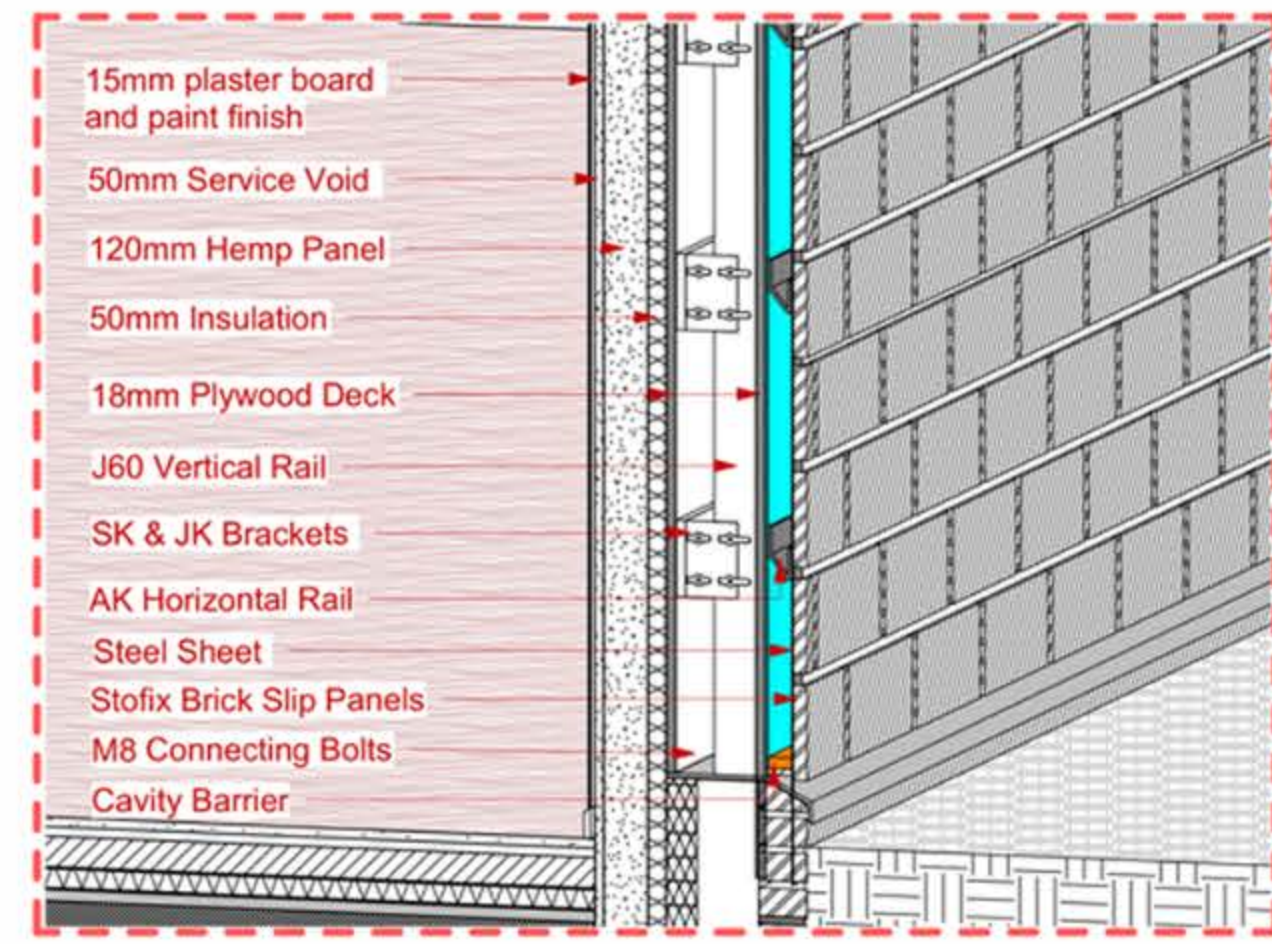
Construction Details 1:20



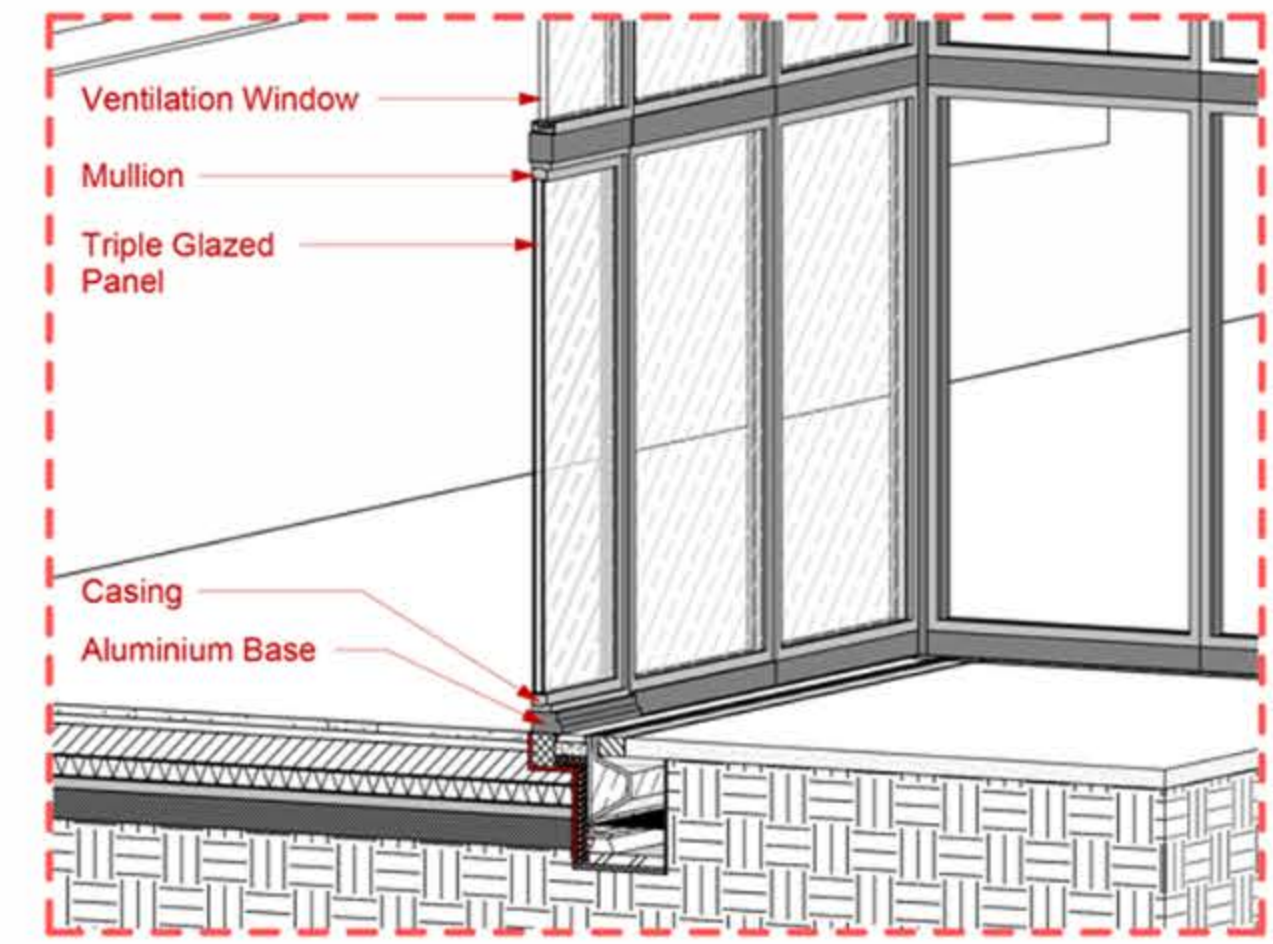
1. Foundation



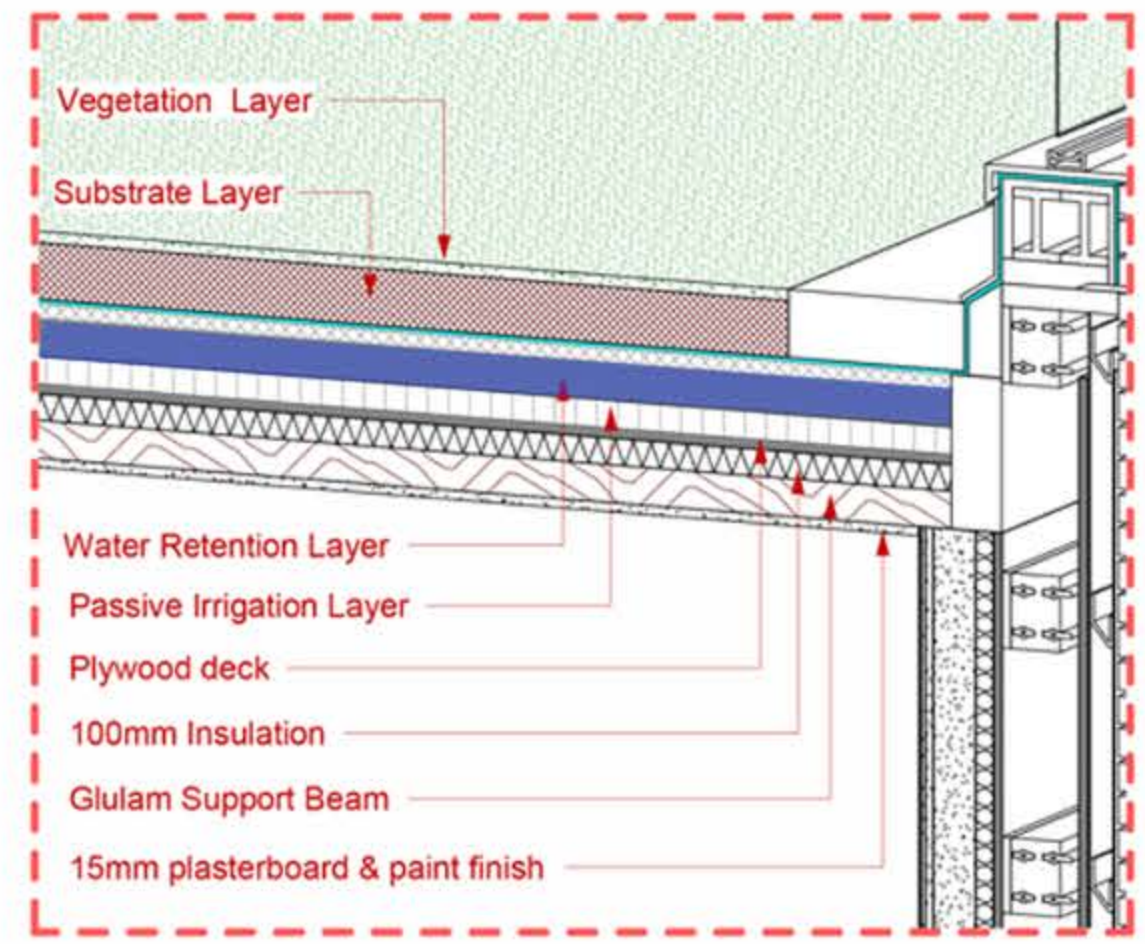
2. Column and Beam



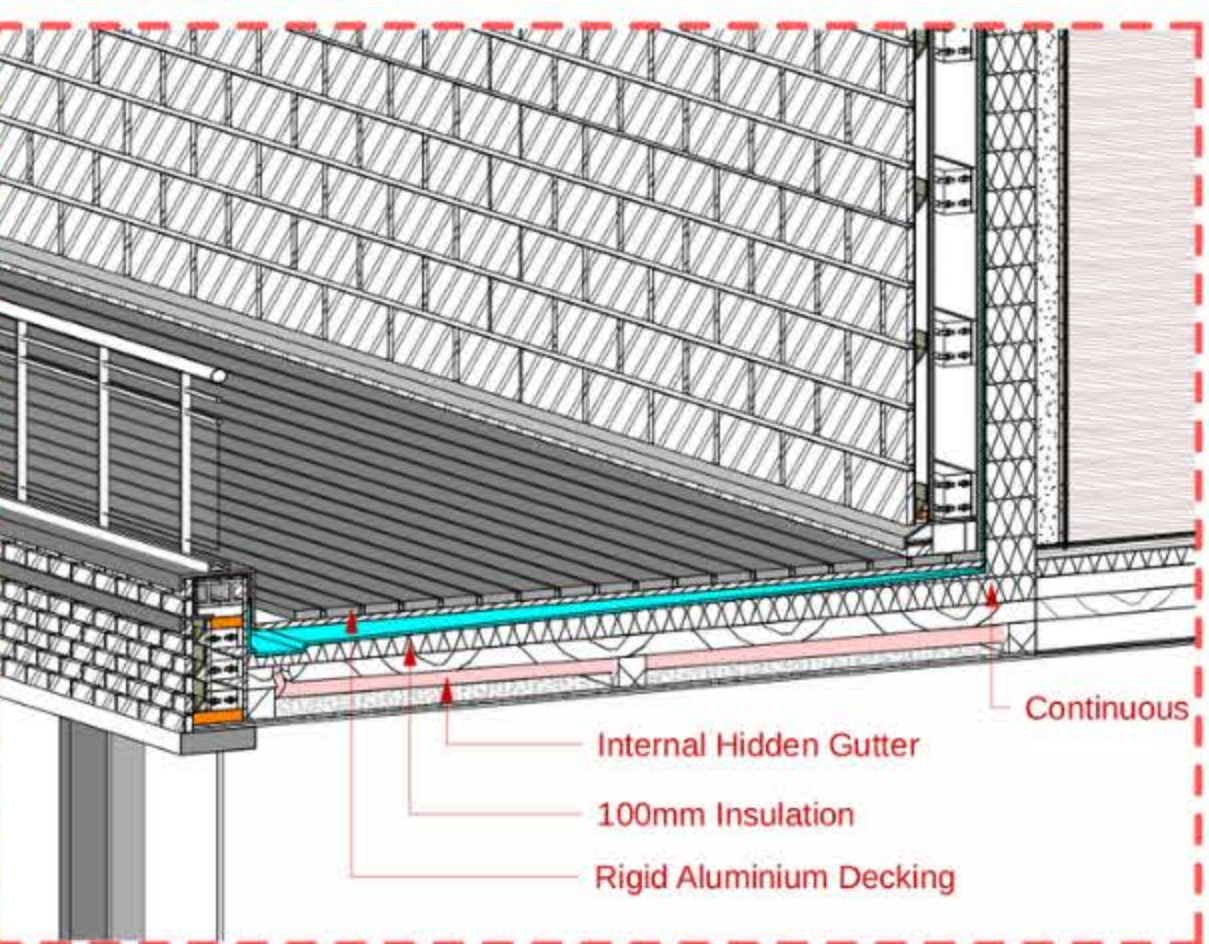
3. Cavity Wall



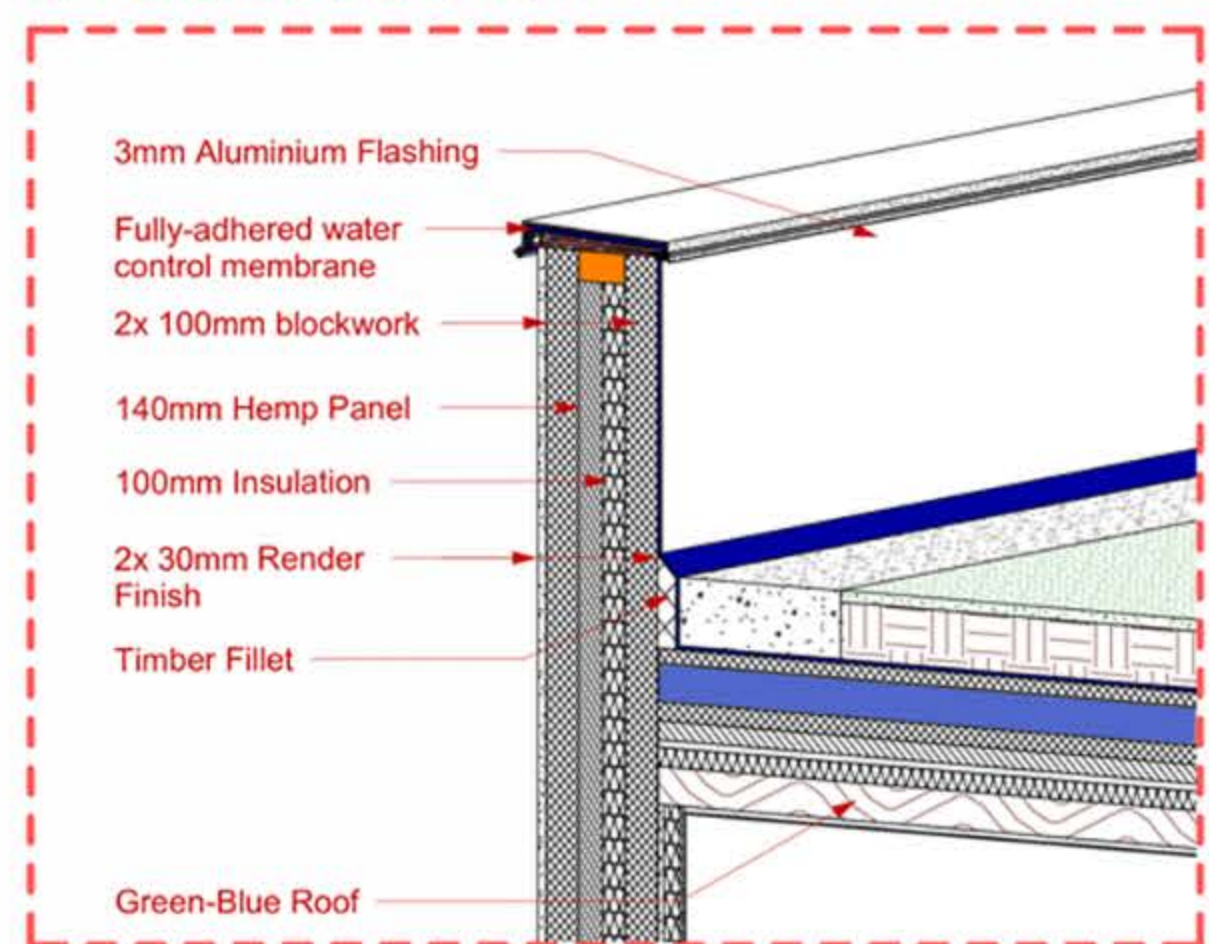
4. Curtain Walls



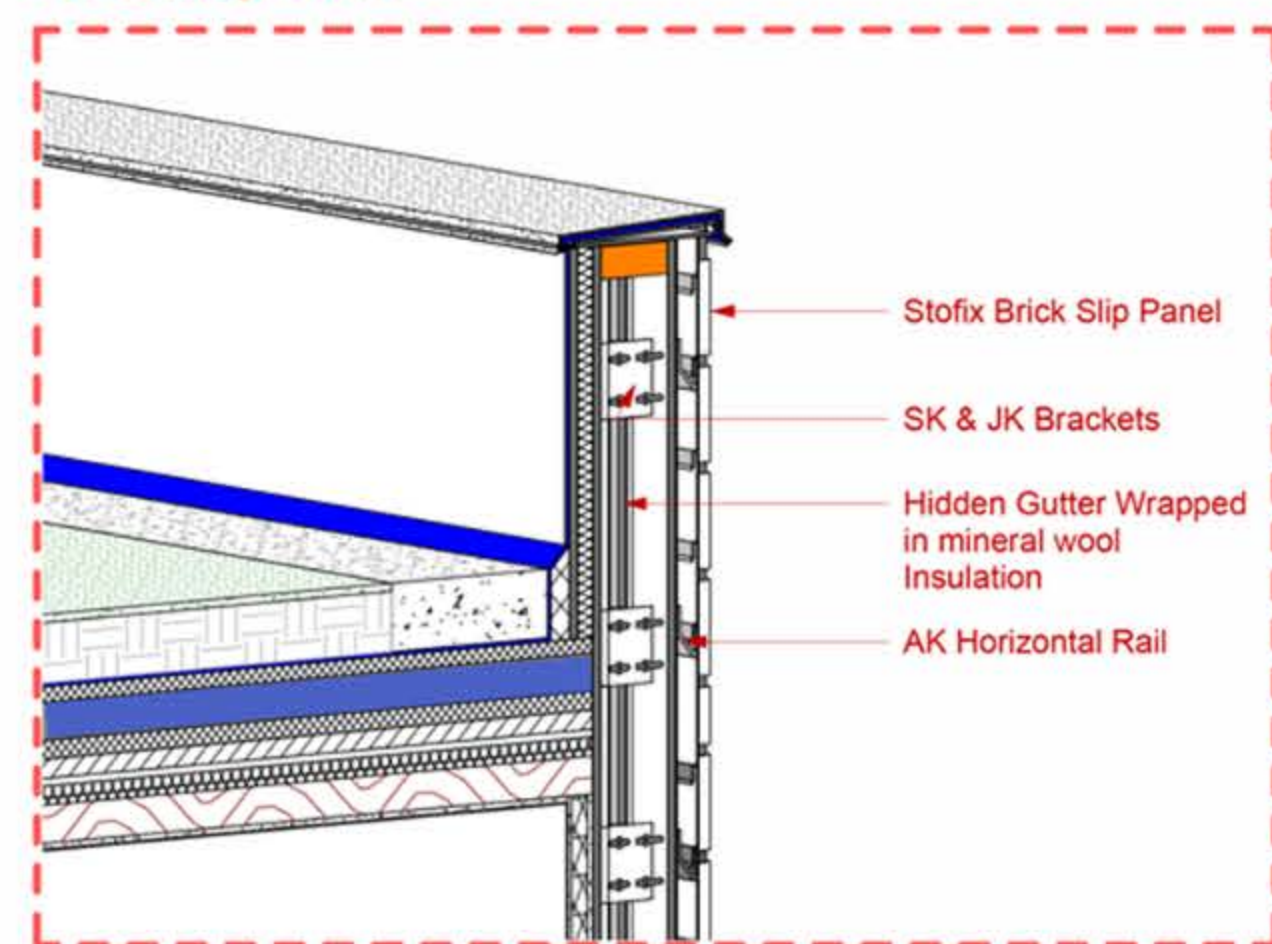
5. Blue-Green Roof



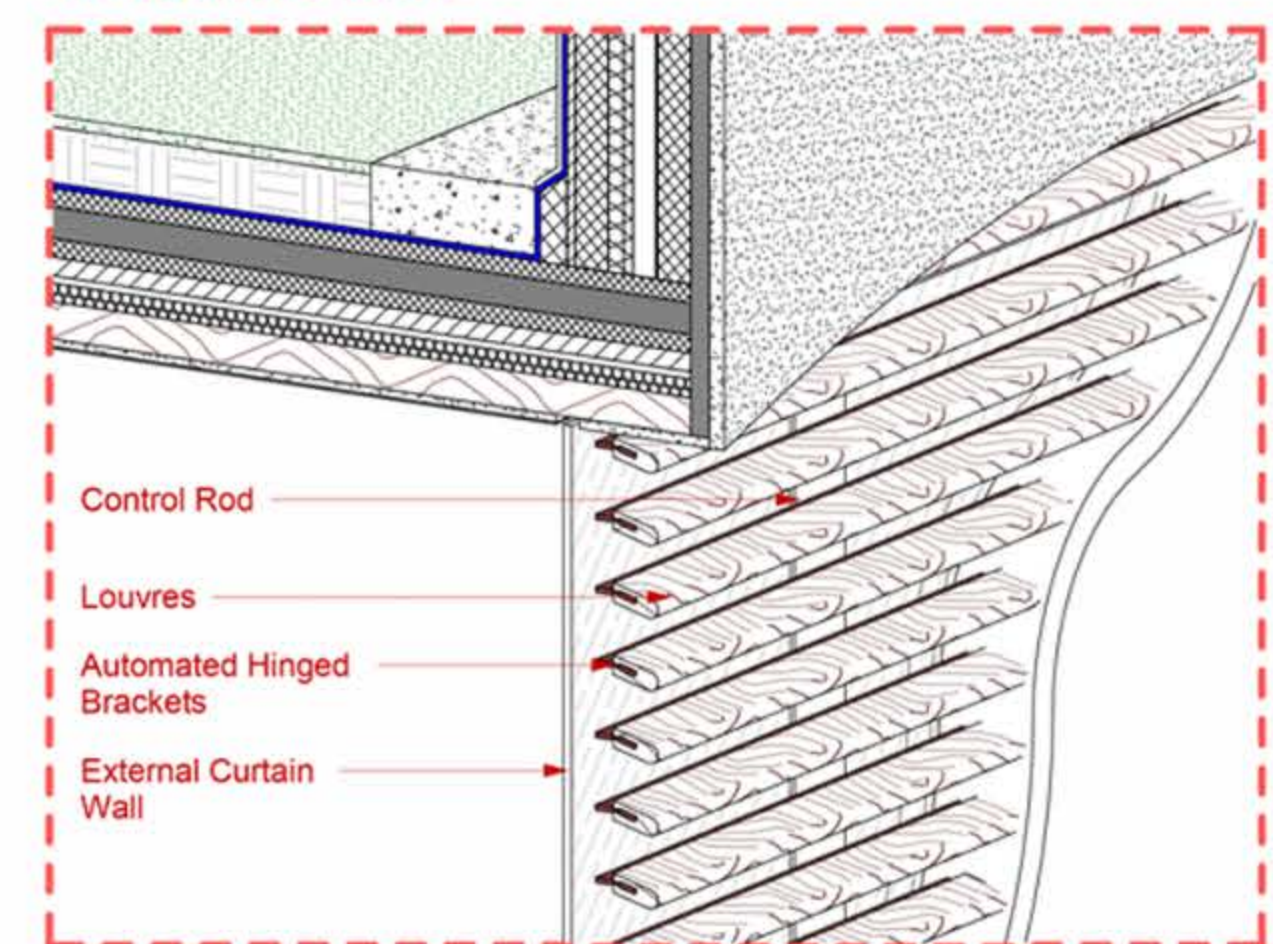
6. Integral Balcony - Warm Roof



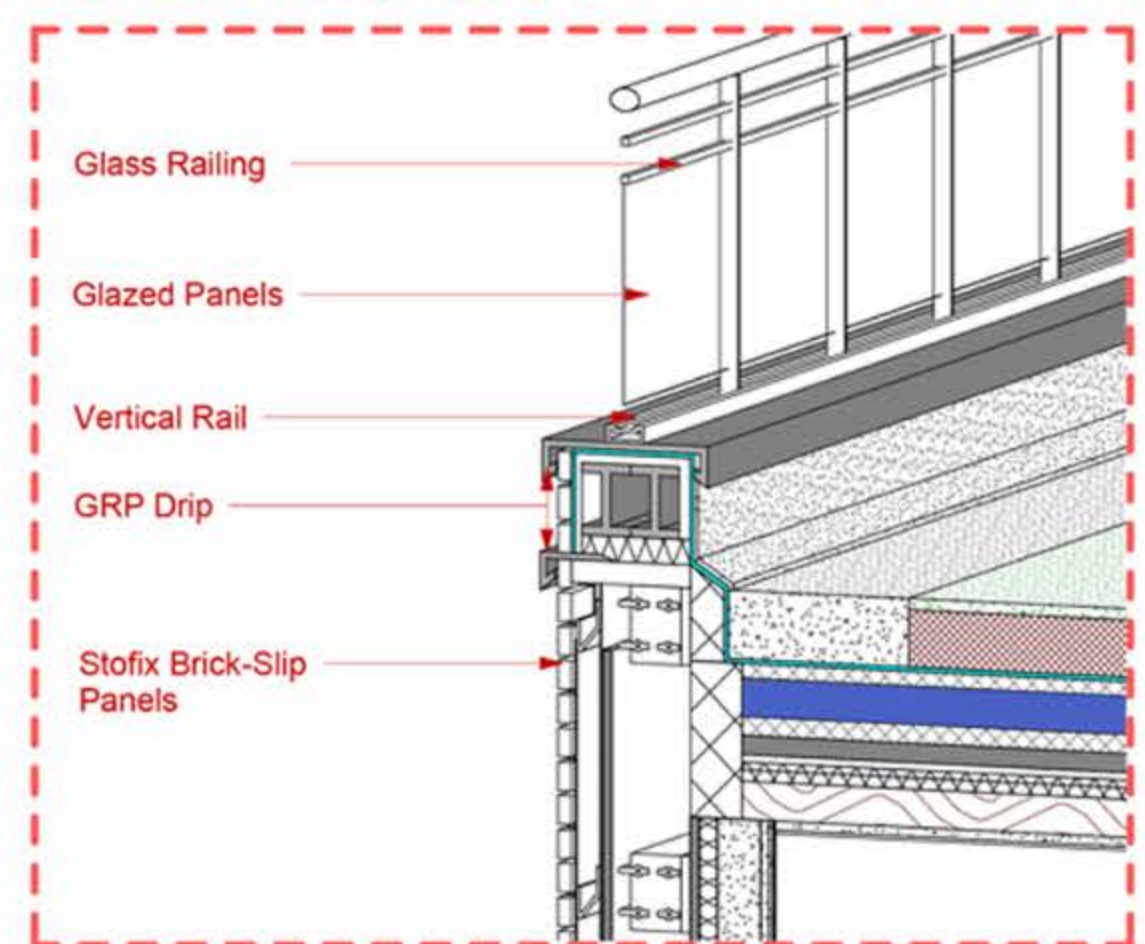
7. Parapet Detail - Render Finish



8. Parapet Detail- Brickslip Finish

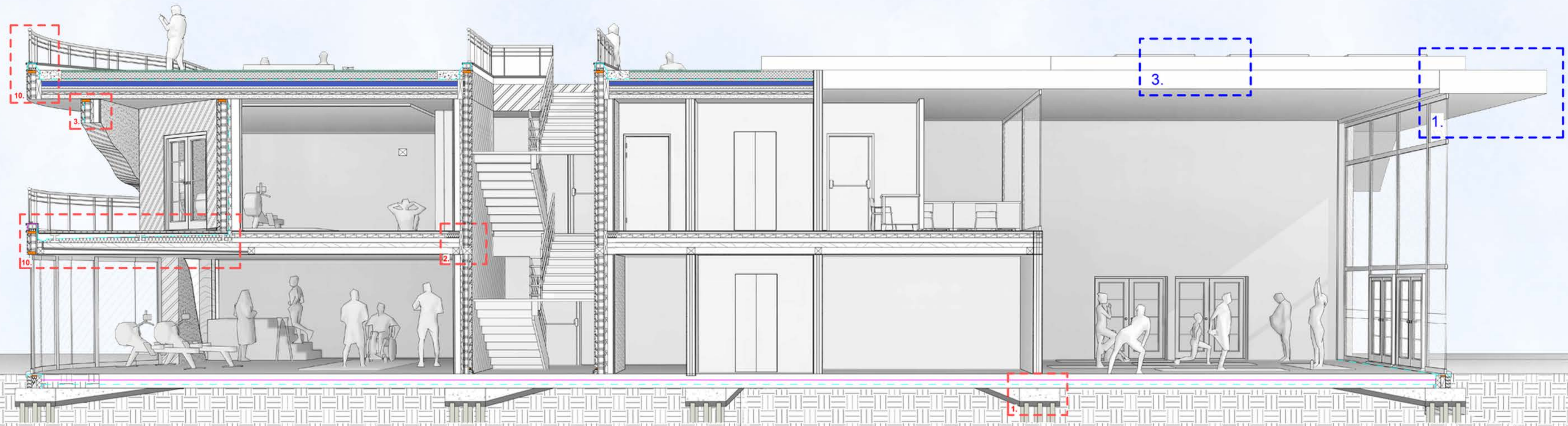


9. Timber Louvre

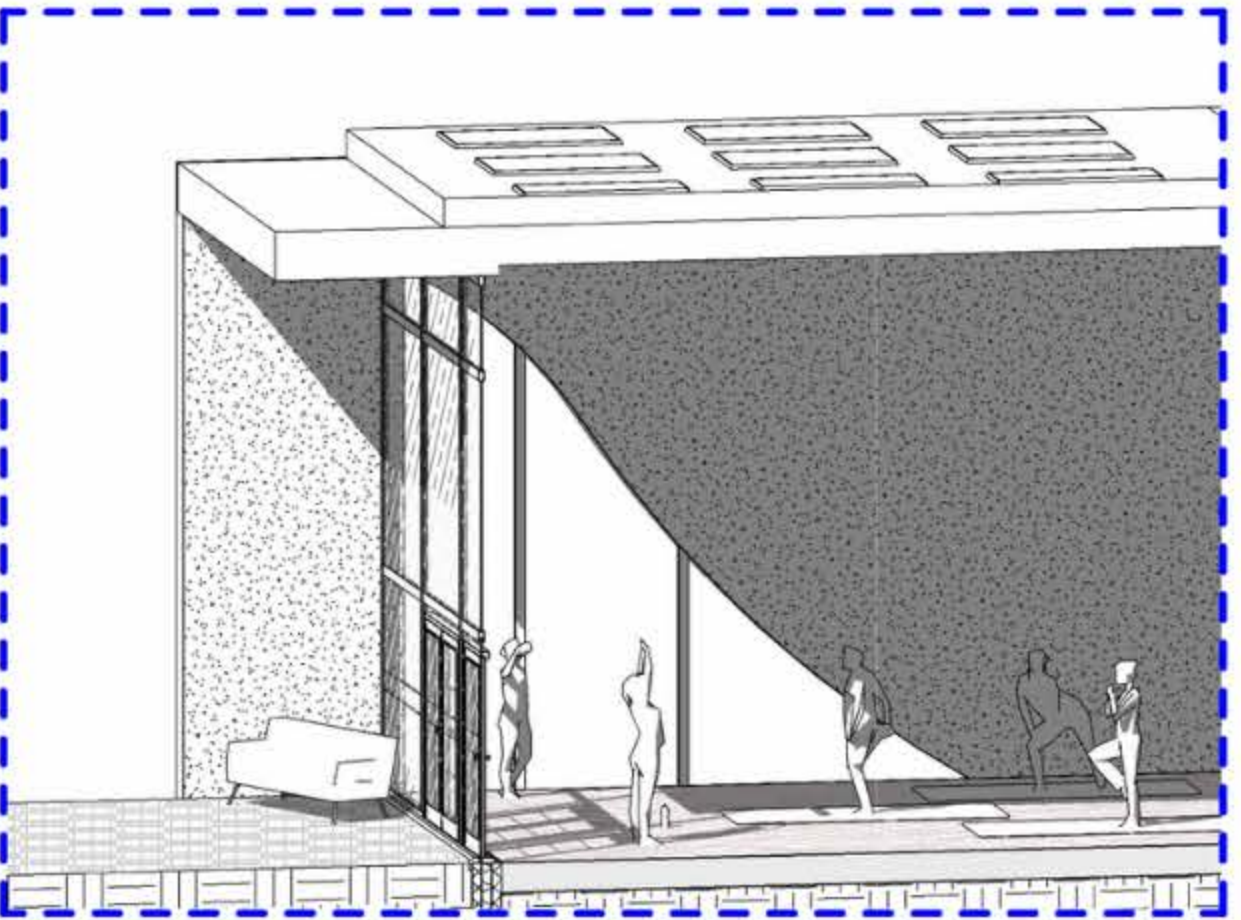


10. Railing Connection

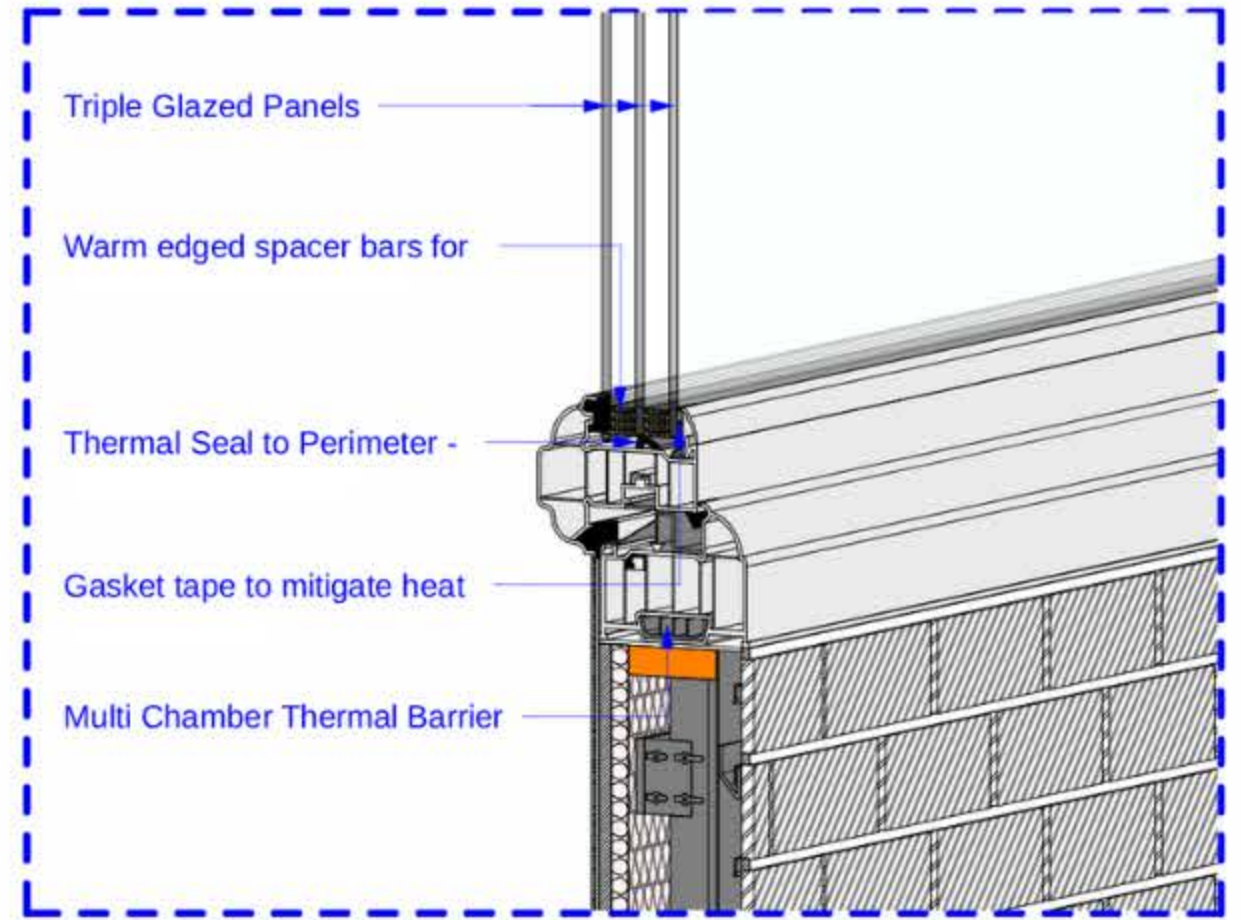
North Section Detail



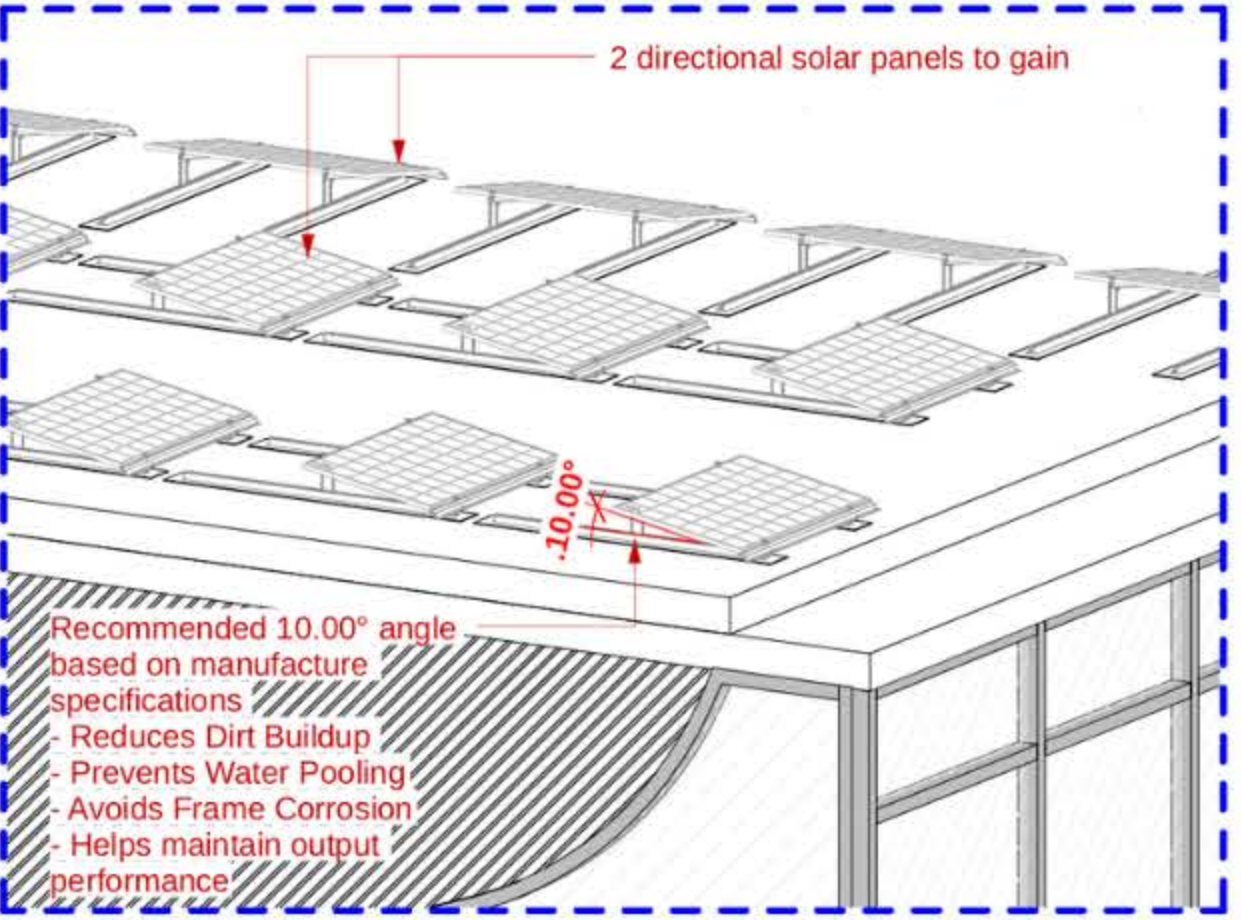
Net-Zero Design Strategies



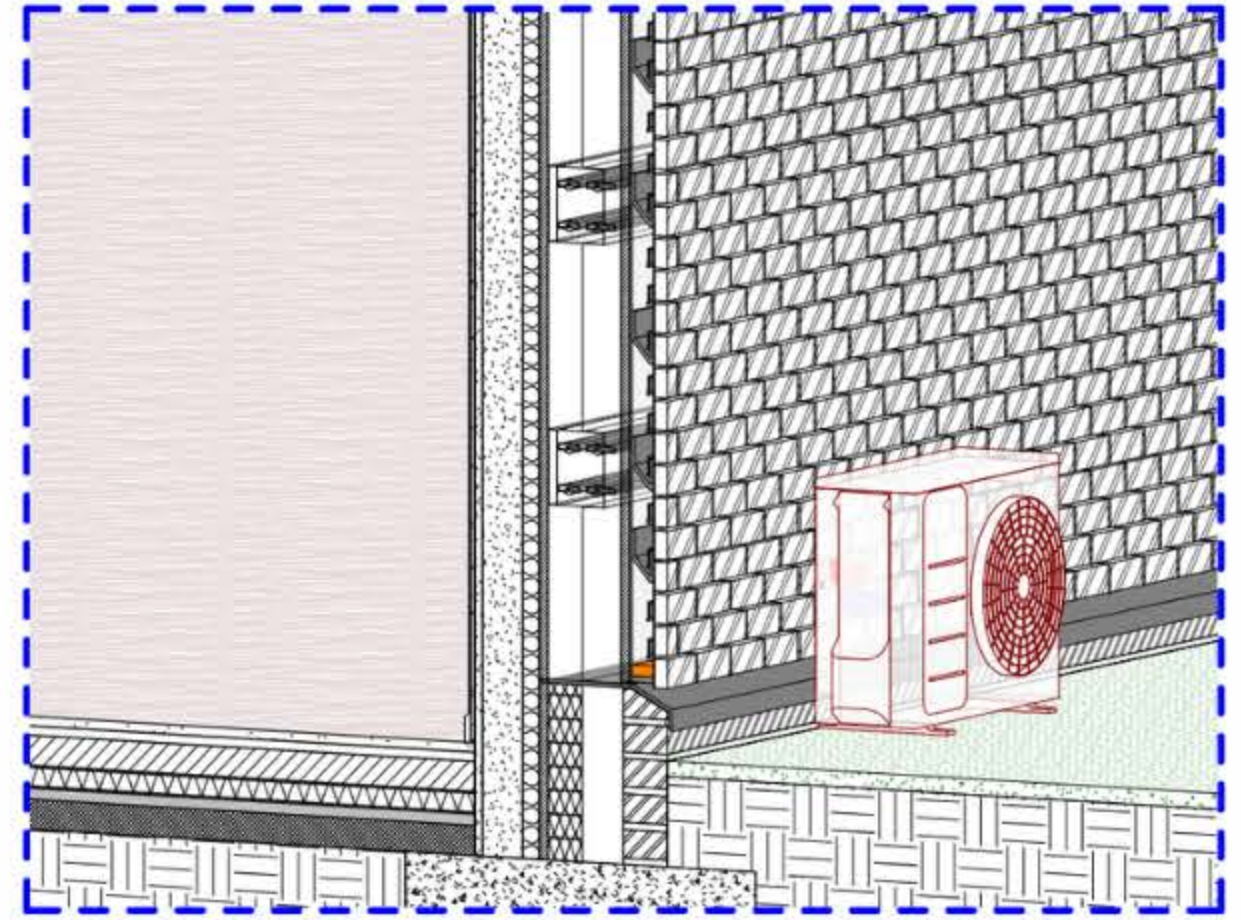
1. Passive Design - Brise Soleil



2. Triple Glazed Windows

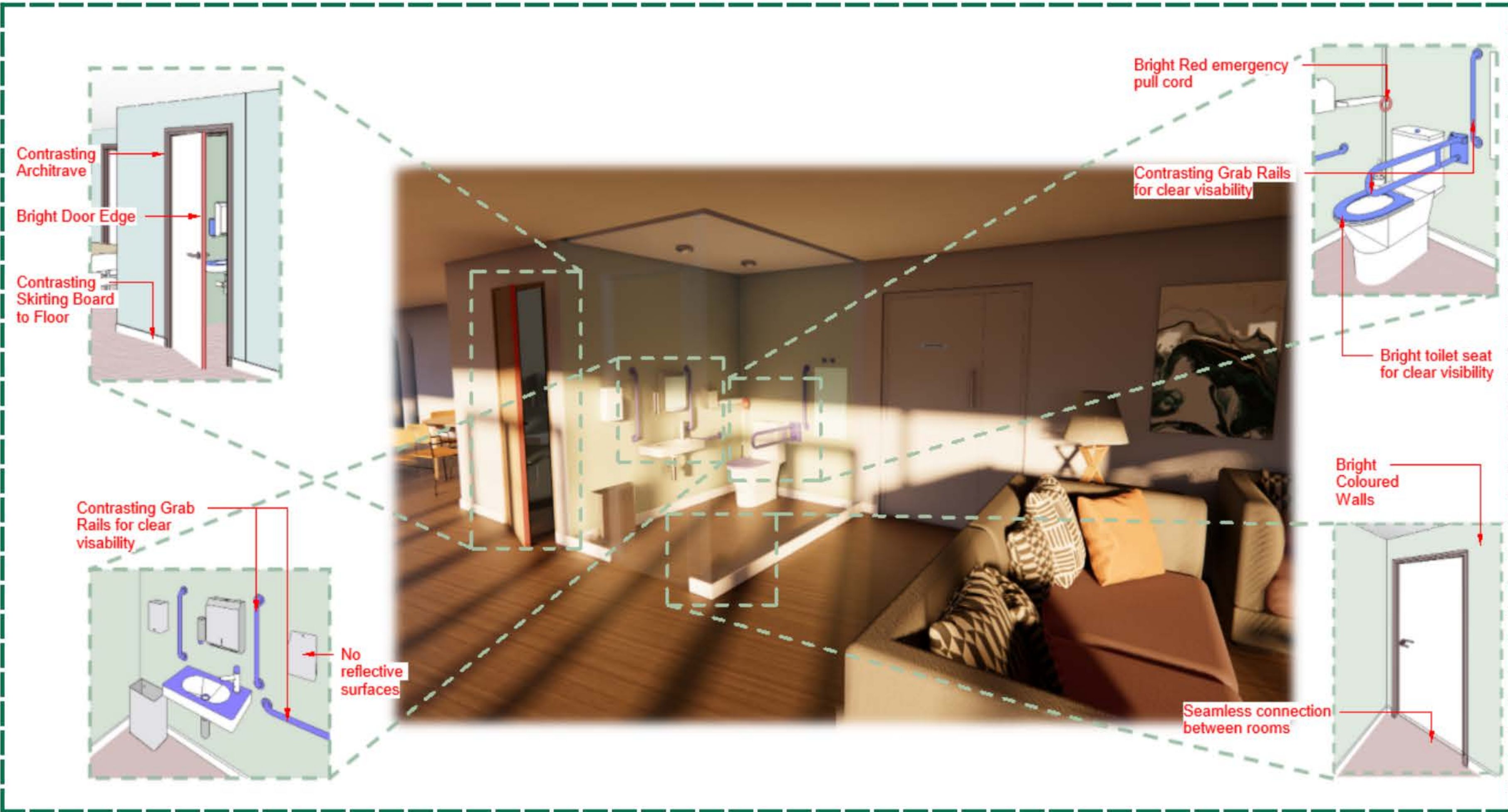


3. Solar Panels



4. Air Source Heat Pump

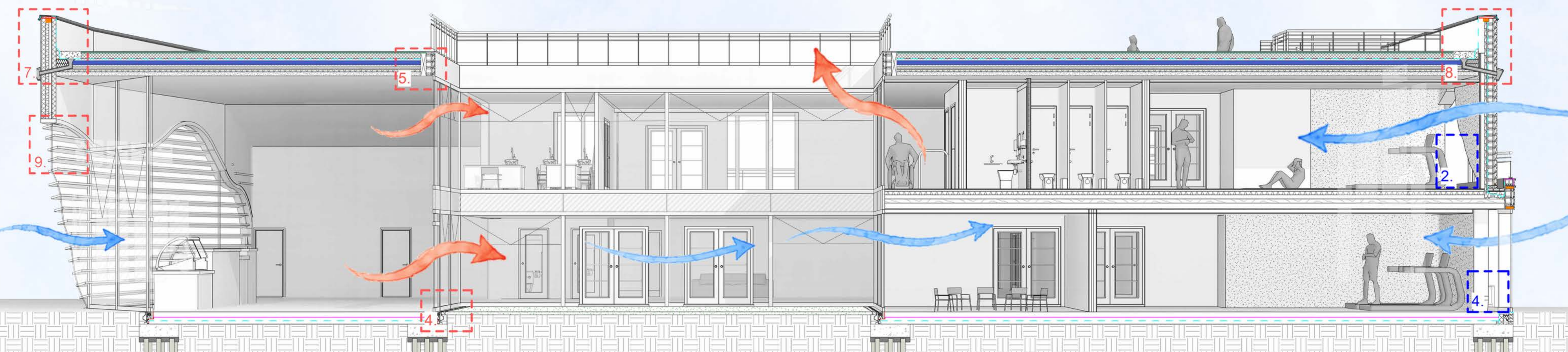
Age-Friendly Design



1. Enhanced Visual Aids in Accessible Toilet Design

East Section Detail

This project incorporates environmental thinking within the architecture itself, shaping how people experience movement, wellbeing and community throughout the site. By combining adaptive reuse, green roofscapes, natural lighting and sustainable Glulam construction, the design reconnects the historic setting with restorative landscapes while creating a low-impact, inclusive, and socially responsive community environment.





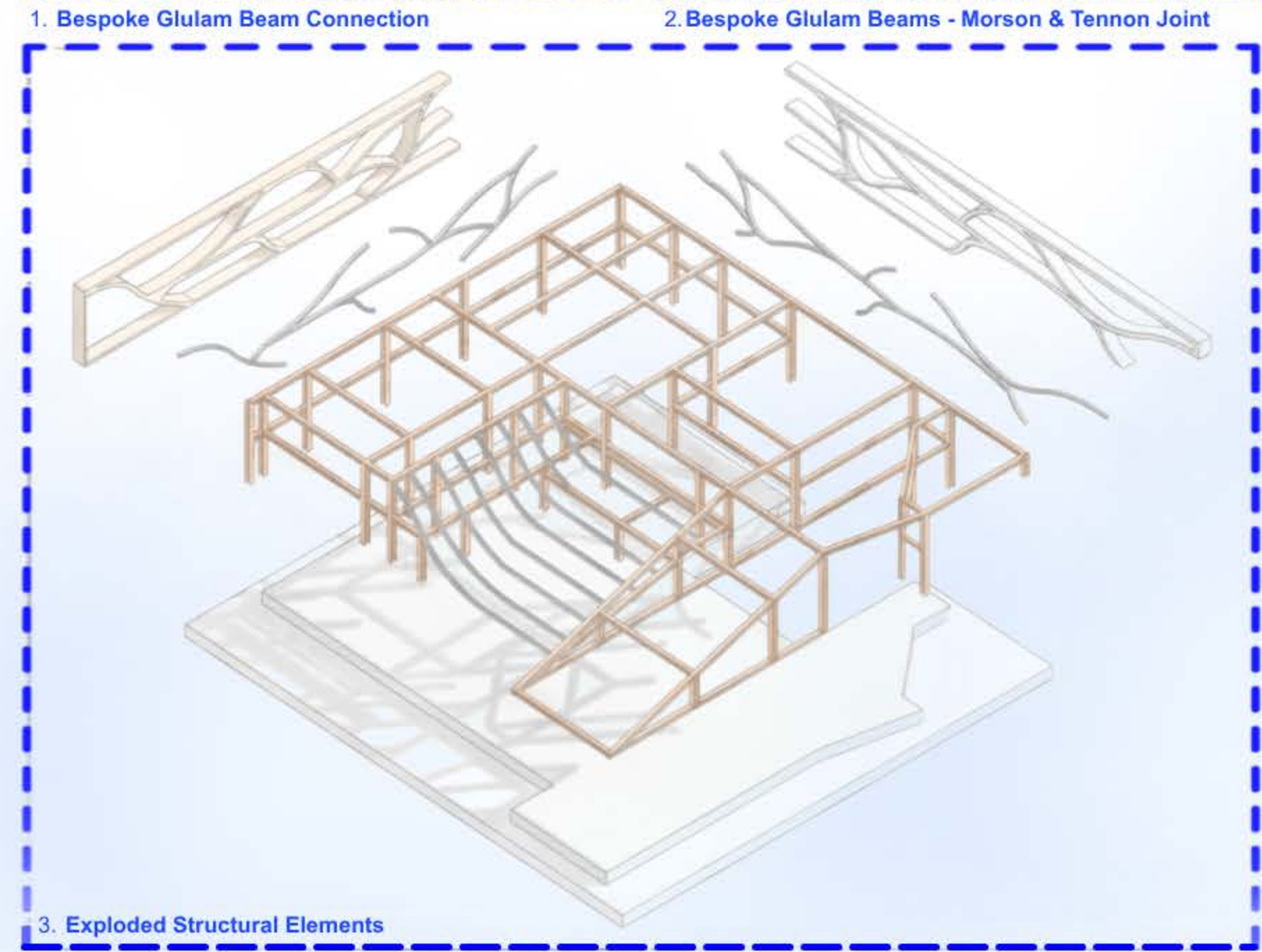
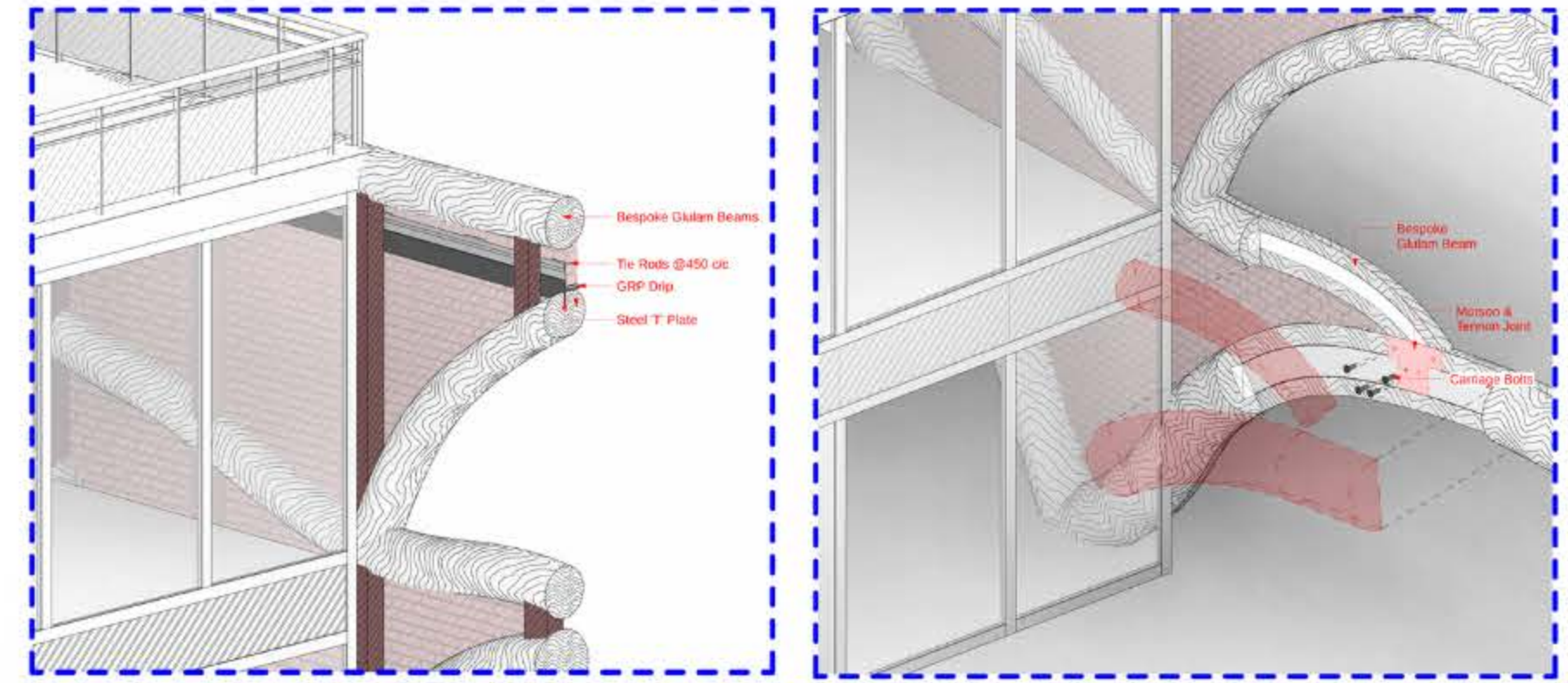
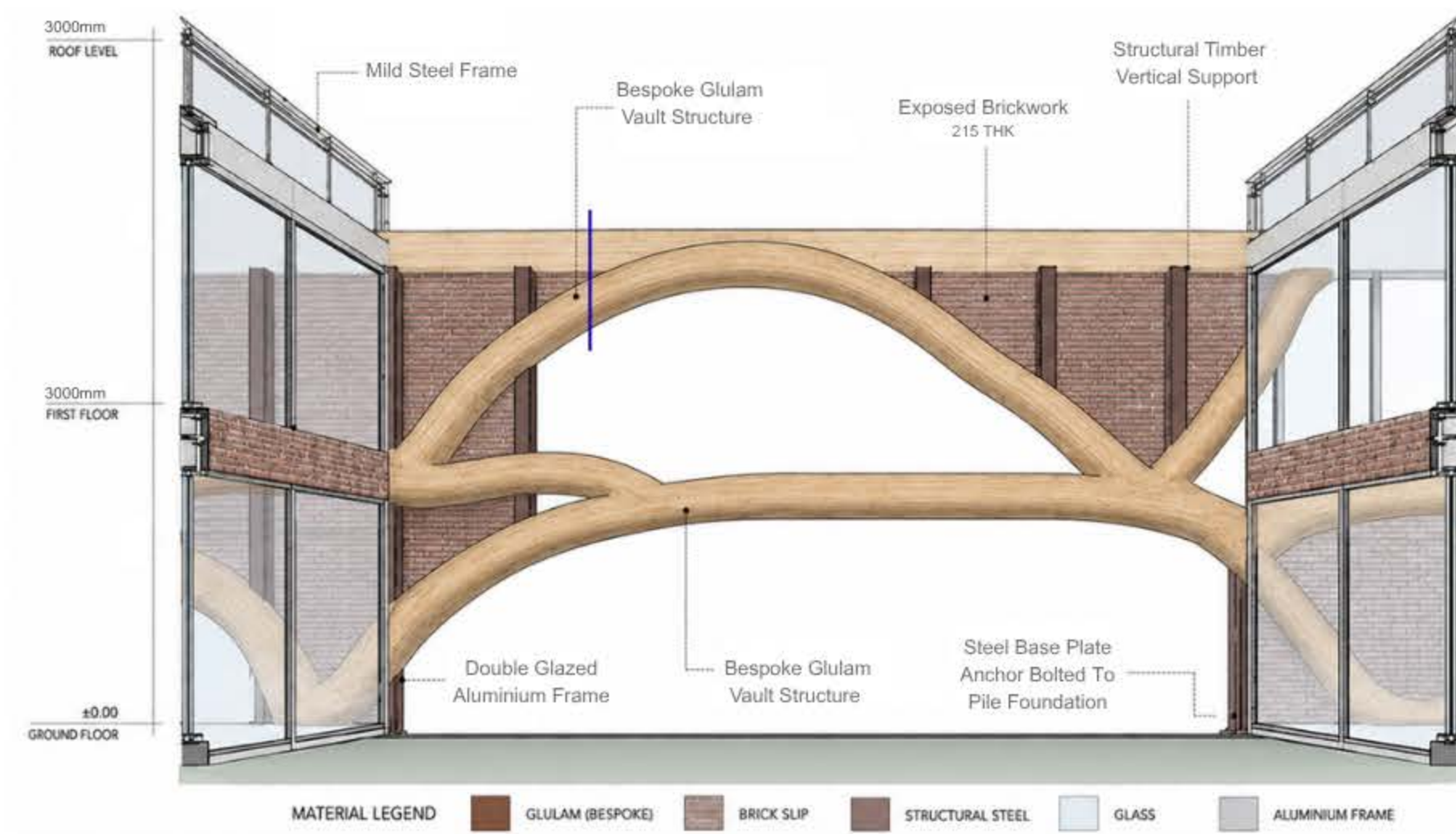
Courtyard Entrance



Natural Drainage Landscape



North-East Entrance



04 Internal Walls & Partitions

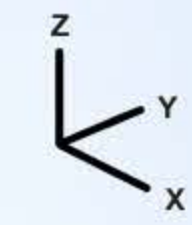
03 Structural Frame (Side A)

02 180° Rotation About Vertical Axis

01 Structural Frame (Side B) (Concealed Side Revealed)

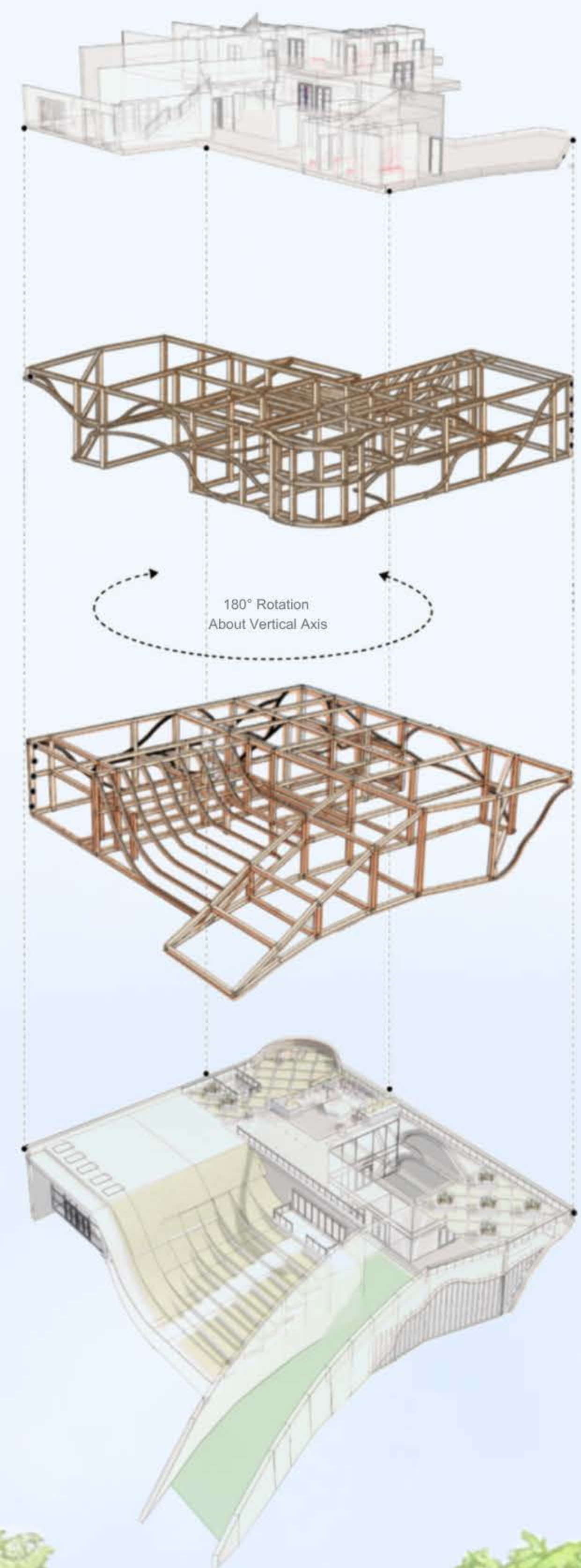
00 External Shell & Architectural Form

— Loadbearing Structure
 - - - Non-loadbearing Elements
 Exploded Alignment



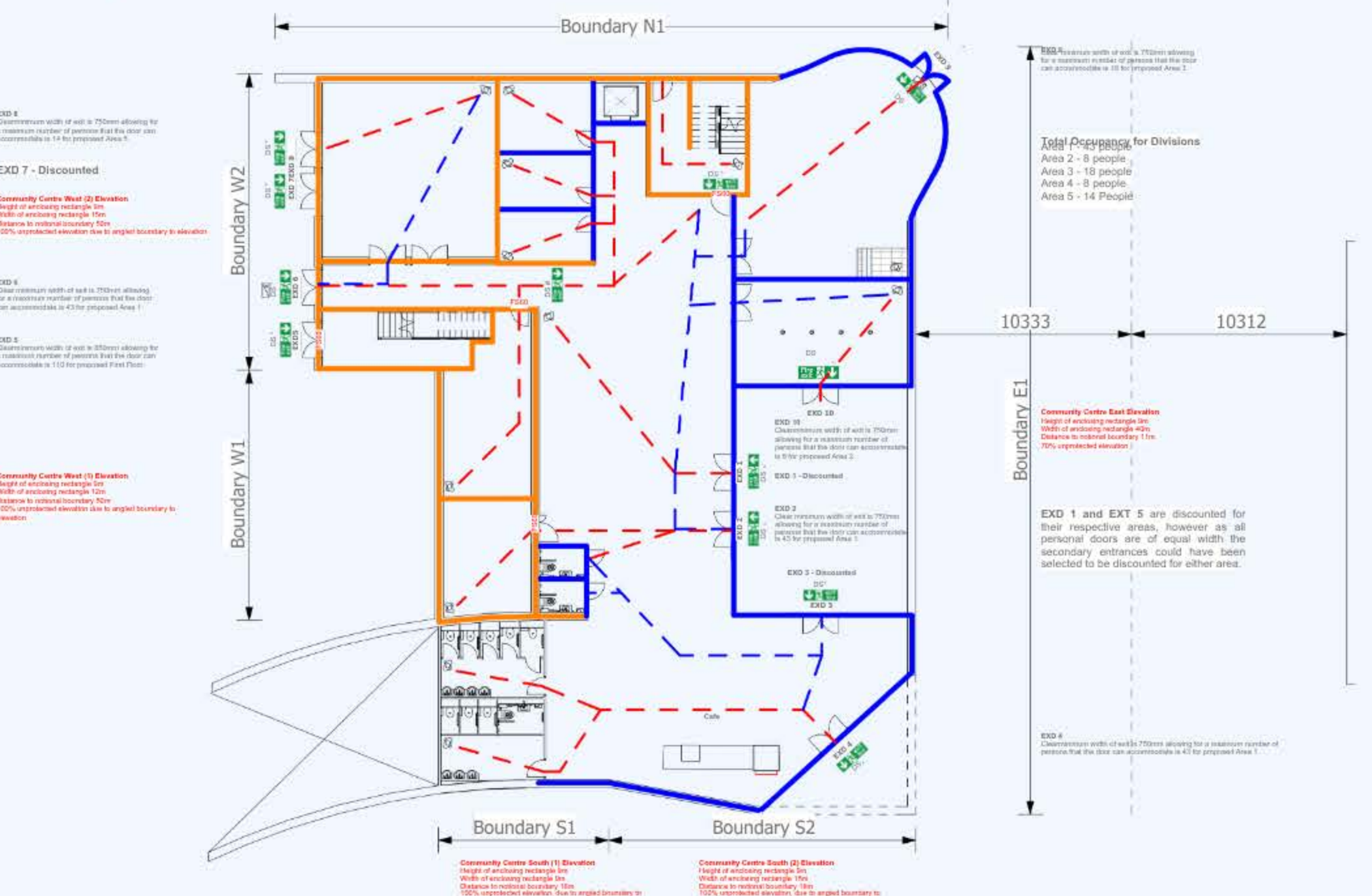
Exploded Structural Diagram
 Structural Logic & Concealed Side

A 180° Rotation of the structural frame reveals the concealed side of the structure



* All fire signage to be in accordance with BS ISO 3864-1:2011

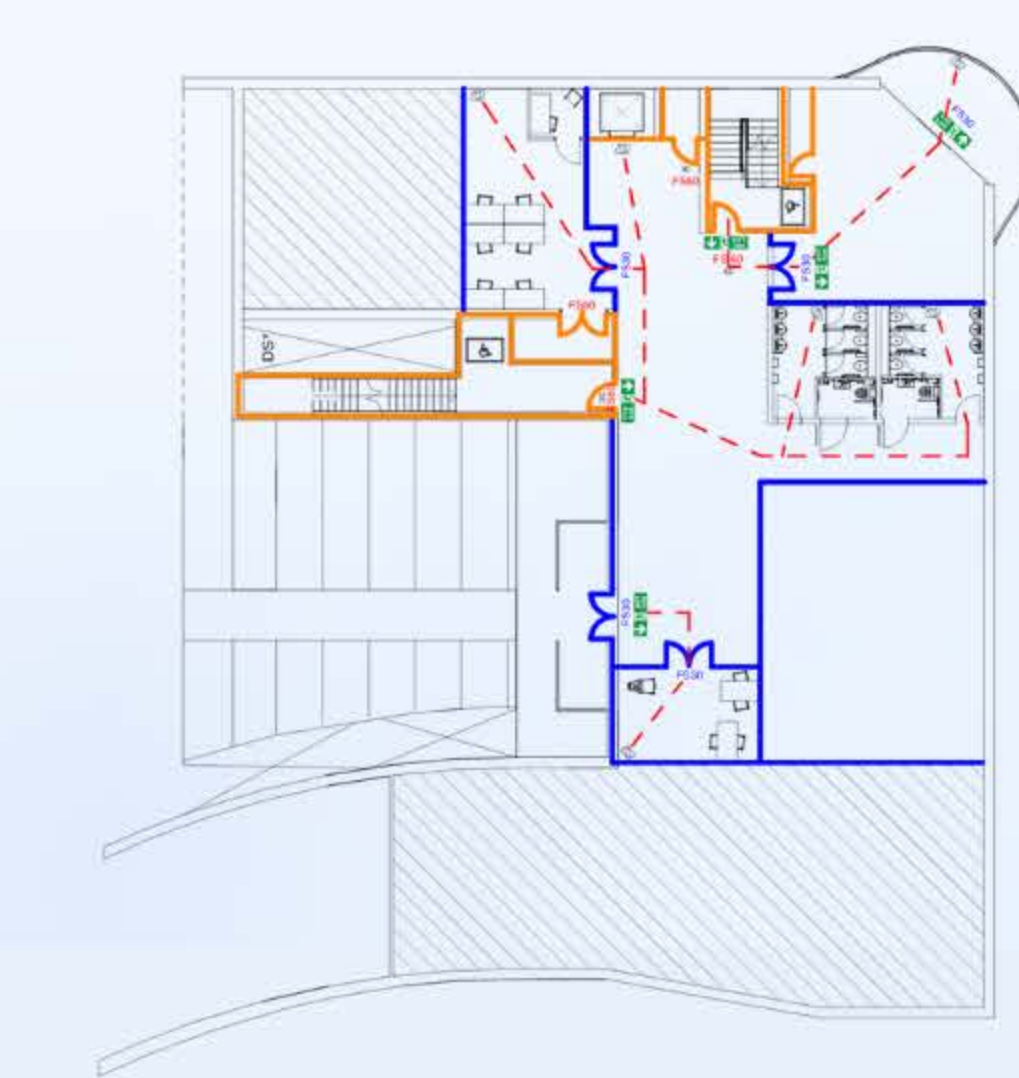
All architectural details to be fire stopped & fitted with fire dampers by the contractor to maintain minimum compartmentation of the building they pass through



Ground Floor Plan Fire Strategy



Ground Floor - Arc Travel Distances



First Floor Plan Fire Strategy

North Elevation



South Elevation

