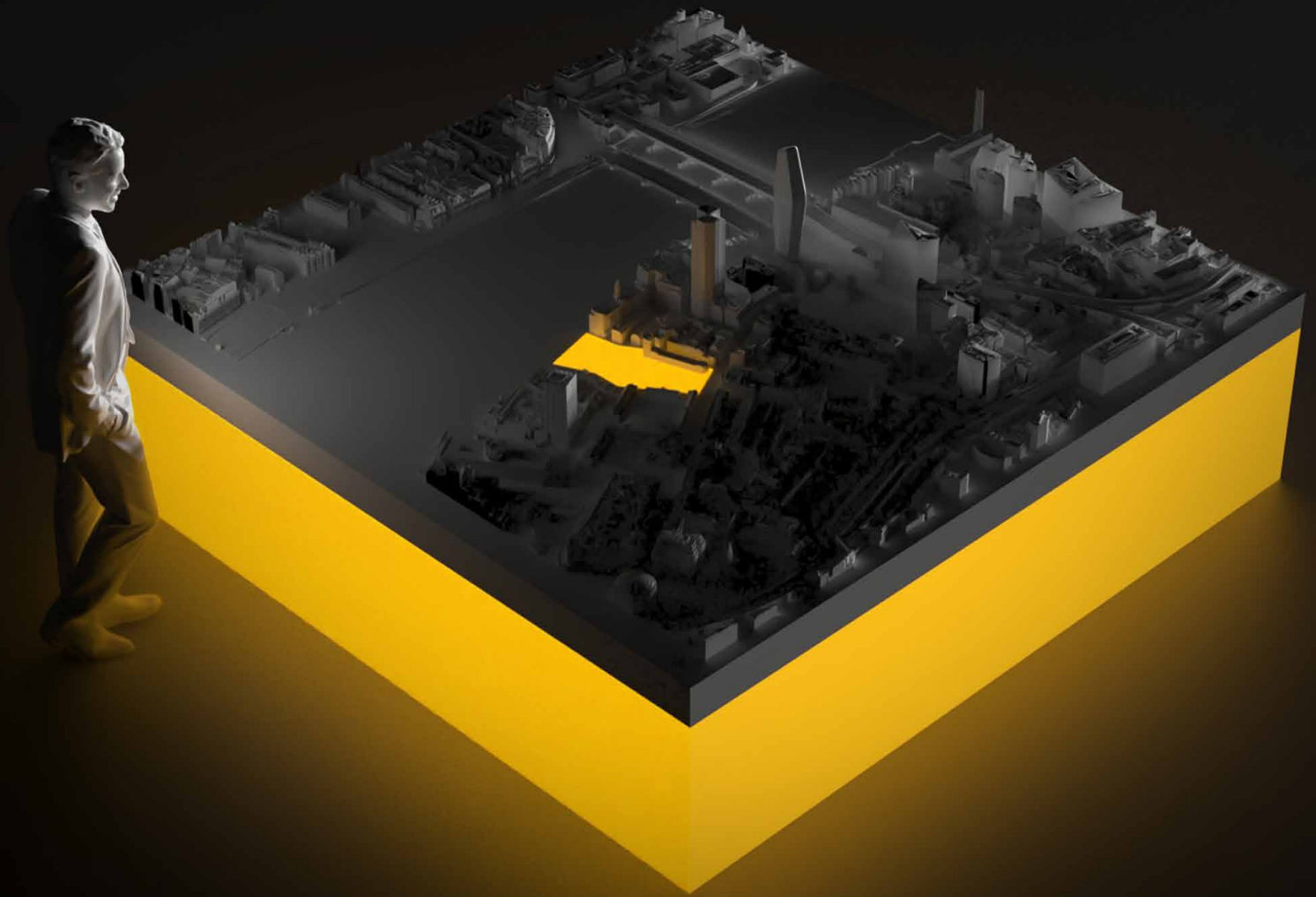


Portfolio

Part 1 - Cristian Anita



Hello, my name is Cristian Anita and I am a third-year student at London South Bank University.

From a young age, I've been fascinated by how our interactions with spaces and objects continuously shape our human perception and experience. Having a background in Fine Art, I've developed both technical and soft skills in storytelling through the use of different mediums such as painting, photography, and filmmaking.

Growing from that I started to see the architecture field as the main driver of change within the built environment, and later becoming part of my extension of curiosity to understand human behaviour and its influence on shaping the future.

Throughout my architecture degree, I've developed a particular interest in the early design stages of a project, especially the ability to create spaces that invite exploration and spark curiosity.



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Experience

Feb 2025	Architectural Work Placement Ryder Architecture, London	Gained valuable insights into the architectural practice by assisting with research and design development while supporting the team in producing drawings and renders for a project which was under development.
Oct 2022	Architectural Work Experience Crickmay Stark Architects, Dorchester	<p>Tasked with addressing the preservation of a 16th-century church roof, analysing and reflecting the historical significance and symbolism of the site, to determine the most appropriate approach for the preservation.</p> <p>Participated in collaborative meetings with contractors and investors, where we conducted in-depth reviews of different building typologies.</p>

Education

2023-2026	London South Bank University Bachelors Degree with Honours in Architecture	Currently Studying Highest Achieving Architectural Student
		Extracurricular Activities Engaged in a university-led collaborative project focused on the refurbishment of a greenhouse, working alongside fellow students to develop design concepts, sketches and proposals. Contributed to research on sustainable materials and construction methods, exploring innovative solutions to enhance the functionality and environmental impact of the space.
2020-2021	Arts University Bournemouth	Foundation Diploma in Fine Art
2018-2020	Highcliffe Sixth Form (A-Levels) Christchurch, Dorset	A-Levels A*, Fine Art, Photography, Media Studies Awarded the Highest Achieving Student

Skills	Rhino Grasshopper	2yrs 1yrs	Sketchup V-Ray	2yrs 1yrs	Adobe Suite MS Office	7yrs 12yrs
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KinThread

year 2, semester 2 project



The Brief

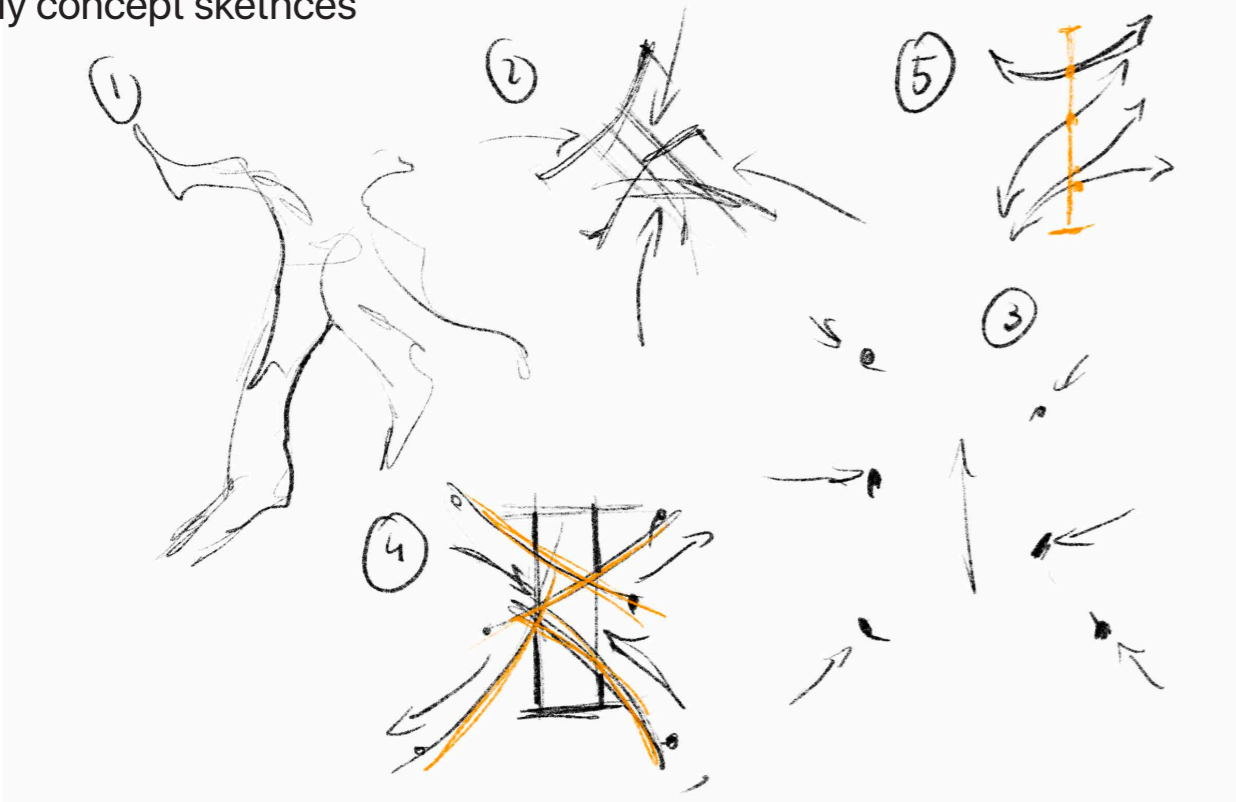
Our brief for this project was to design community hub as a regenerative intervention that supports social interaction and strengthens community life through inclusive, sustainable architecture.

The site is Bernie Spain Gardens, located on the South Bank in London's Westminster borough which is positioned within a designated Opportunity Area and it offers strong pedestrian access, sitting in close proximity to the River Thames.

We were asked to reimagine this public space as a place that brings people together, restores local identity, and supports a circular economy that places community engagement and environmental responsibility at the heart of the design.



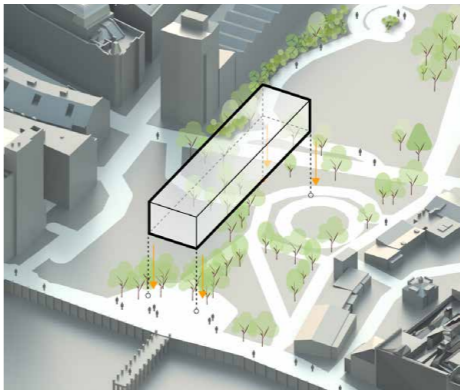
Early concept skethces



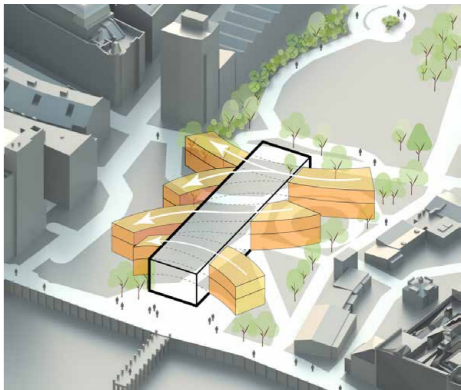
Massing



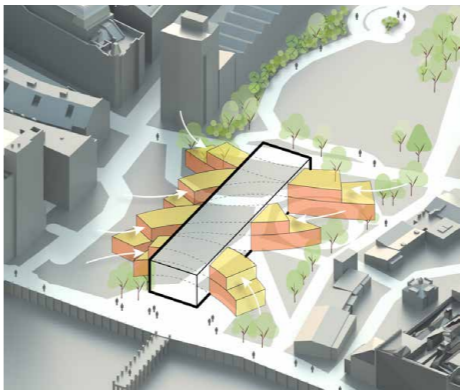
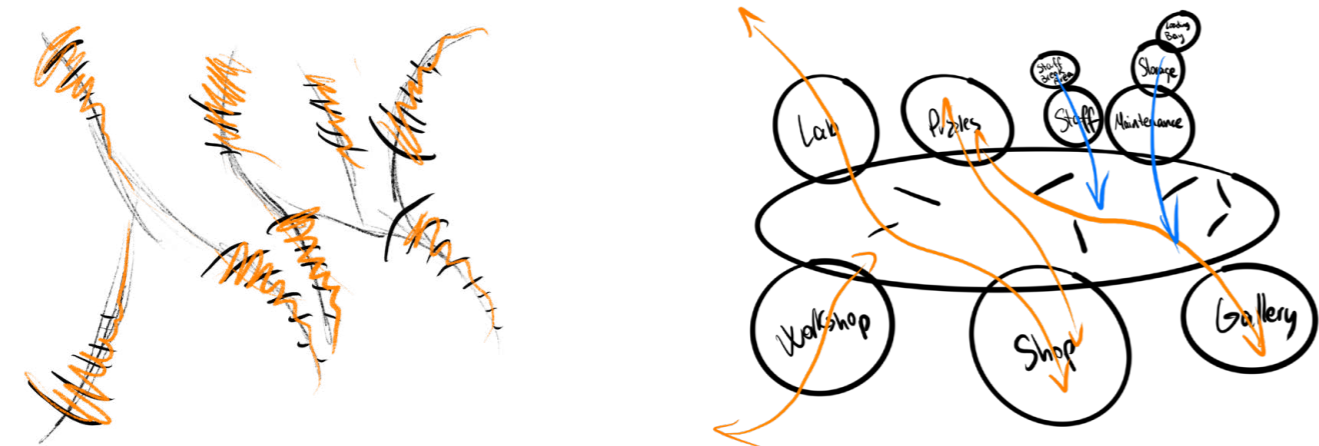
Northern part of the site.



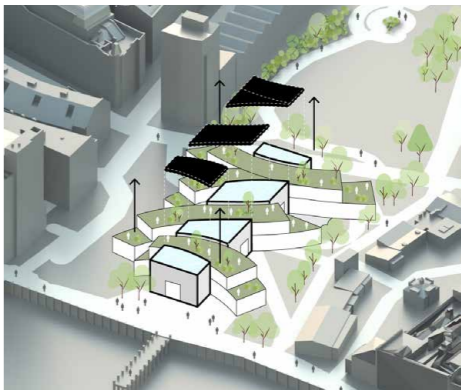
Atrium massing spanning from the north part of the upper park to its southern part.



Adding wings and corridors for smooth movement through public spaces. These will also help create natural ventilation across the entire building.



As resilience is important, I designed a stepped system to blend the mass with the surrounding context, giving the building a gradual form



Reducing the footprint of the construction and increasing green areas on the roof allows space for gardening, plants, and supports the natural habitat, which is important in this context.



The ground floor features a wide, linear atrium that organizes circulation and links the building's main functions. Seating areas are integrated along its length, with planters distributed throughout to support the building's role as an ecological hub.

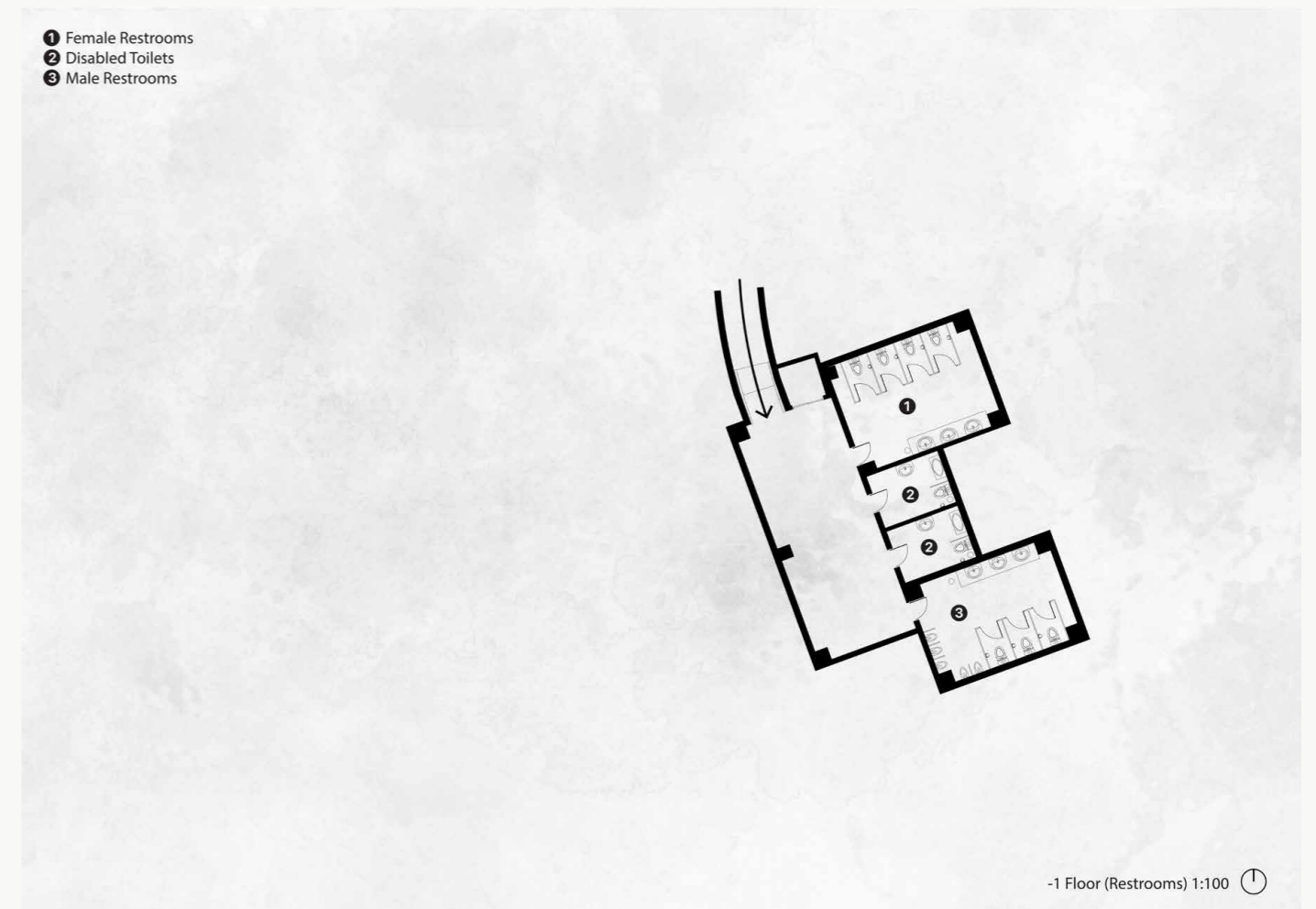


The first floor comprises three distinct volumes connected by two circulation corridors that create a sense of separation and spatial clarity. Setback terraces are integrated into the layout to accommodate various programs, including classrooms, informal seating, and private retreat spaces.



The top floor serves two main functions: energy generation through solar panels installed along the southern edge, and rooftop gardening that supports the sustainable food shop on the first floor. (4)

*visitors may access the rooftop as part of a supervised tour



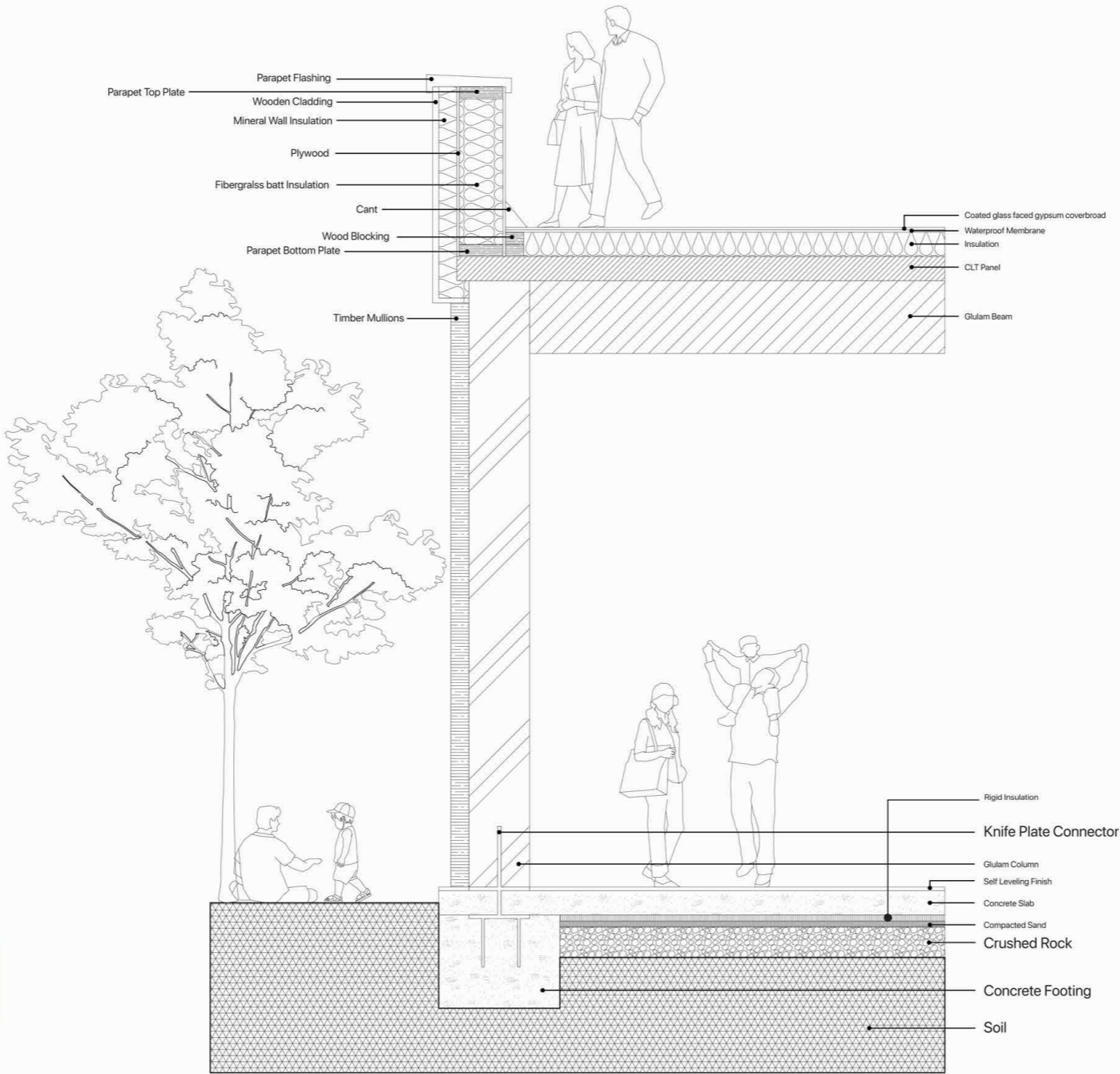
To maximize usable space on the ground floor, restrooms are located in the basement. The facilities include male and female toilets, along with two accessible toilets.

They are accesible by both elevator and stairs.

Technical Section

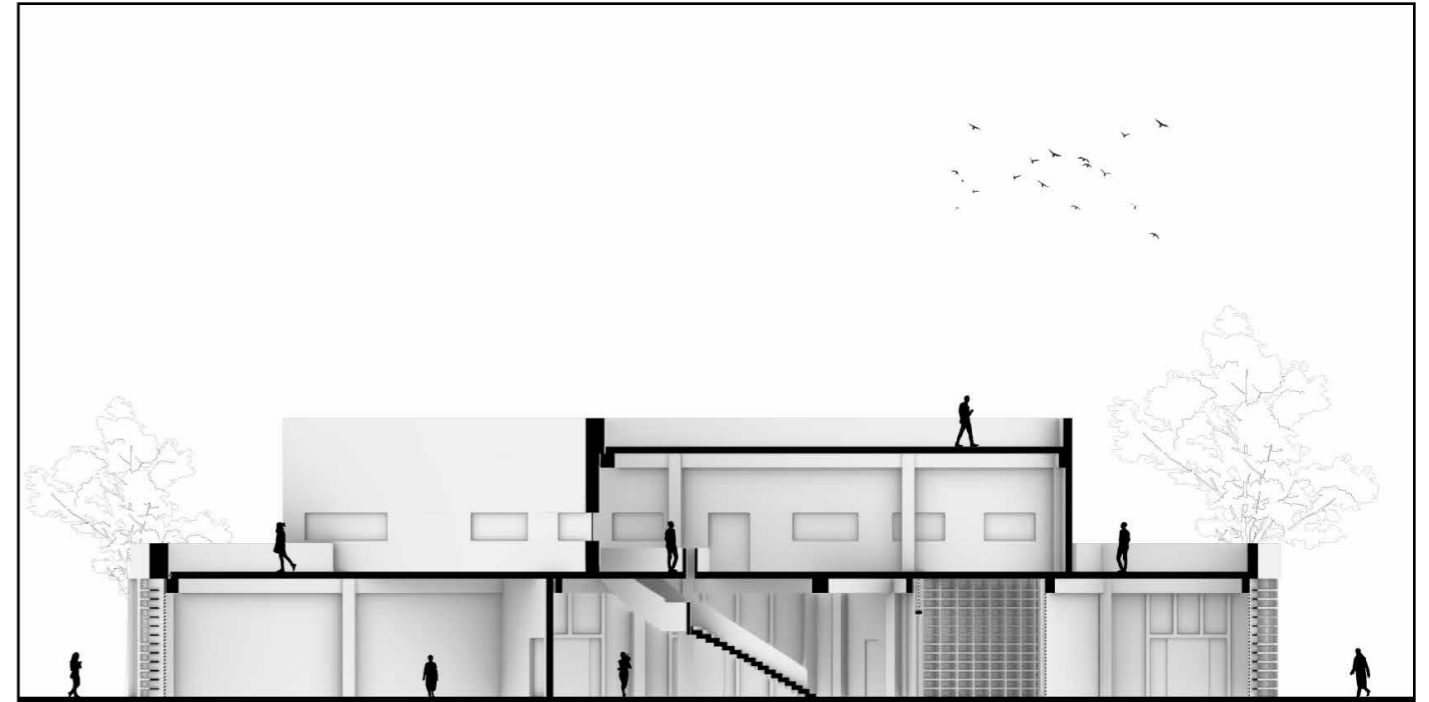


Isonometric Rendered View





Long West Section A-A



Short South Section C-C

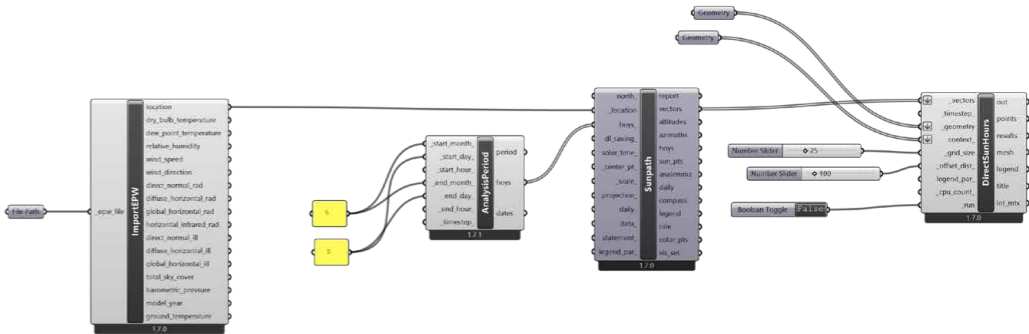
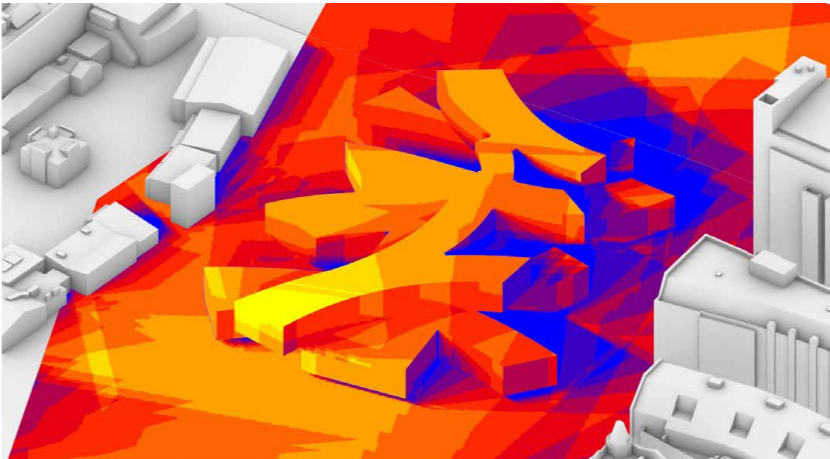


Design Intent

The KINTHREAD proposal is centred around creating a community-driven, ecological hub that responds to its setting in Bernie Spain Gardens, addressing the needs of families, local residents, and visitors. The design prioritises play/learning and human connection through a series of well considered materials and structural choices that work in harmony to create a flexible public space.

The building's layout follows a clear logic that responds to sunlight exposure and movement through the site. Its zoning strategy and stepped massing are influenced by both environmental analysis and user interaction, with areas closest to the river focused on engagement and activity, while the upper and inner spaces offer more retreat and calm environment.

Tools such as Ladybug for Grasshopper have been used to test sun-sensitive areas for solar shading and inform where the building opens up to natural light and key areas like the atrium and play zones.





Reflection

My Year 2 final project presented several challenges that pushed me to grow as an architectural student. The most significant challenge for me was shaping the building form. Aside from the rectangular atrium, the design included curved rooms on both the ground and first floors — an unfamiliar direction for me but I'm very pleased with the result, as it allowed me to move beyond linear forms and explore spatial complexity with more confidence.

KINTHREAD is the project I feel most connected to. It places families and the environment at its center, using engineered timber systems and passive design strategies to create a building that is both welcoming and responsible.

The material palette and modular construction methods are intended to reduce carbon emissions during the building process, while also supporting a playful and more durable space that reflects the values of learning and community.



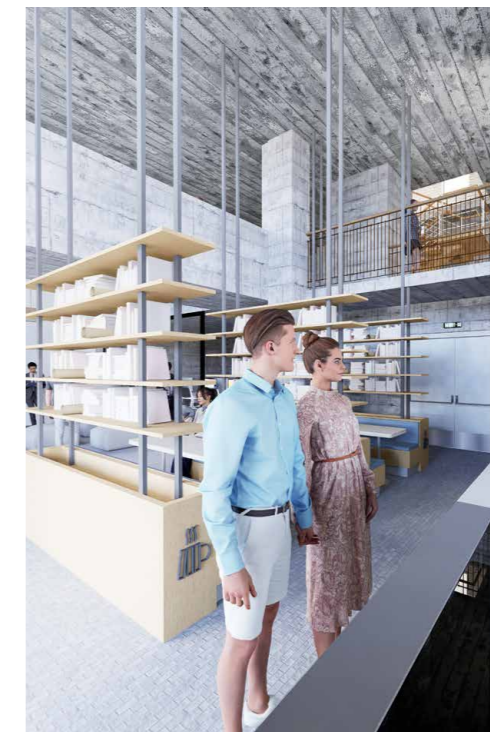
The Commune

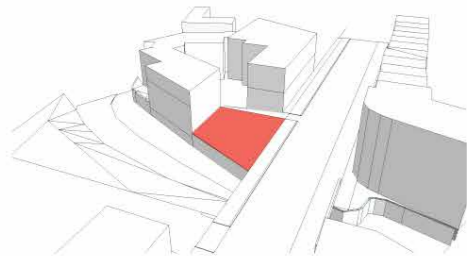
year 1 project

The Brief

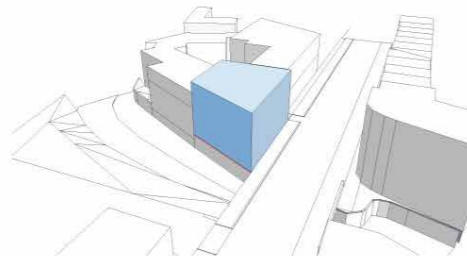
Our brief for this project was to design a mixed-use building that responds to its urban context in Camden Town while addressing the needs of our chosen user group, young professionals. The design needed to offer a dynamic combination of work and social spaces, including areas for computing, keynote talks and outdoor interaction.

The proposal also required the integration of private living spaces at the upper levels, creating apartments that offer privacy while remaining connected to the vibrant, multi-functional environment below.

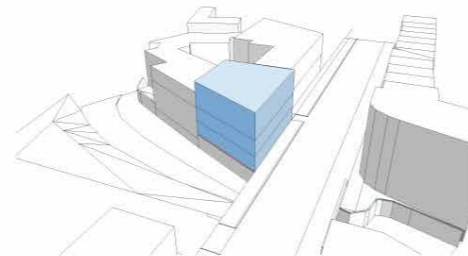




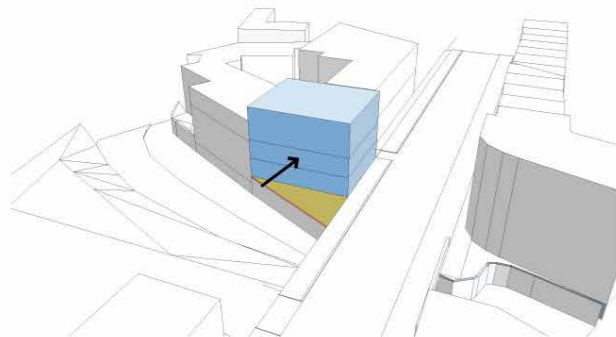
I started by identifying the area available for the building.



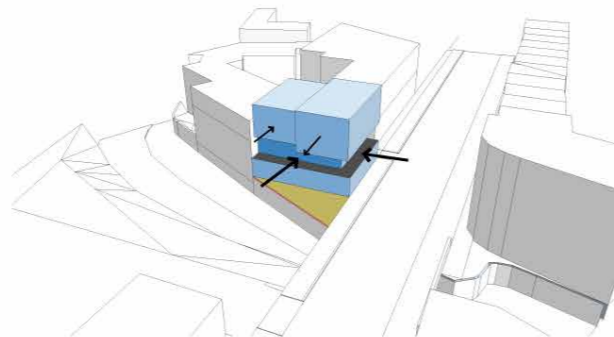
I introduced a simple volume to test the site's spatial capacity and explore potential forms, following by extending the massing vertically to align with the surrounding urban context and programmatic needs.



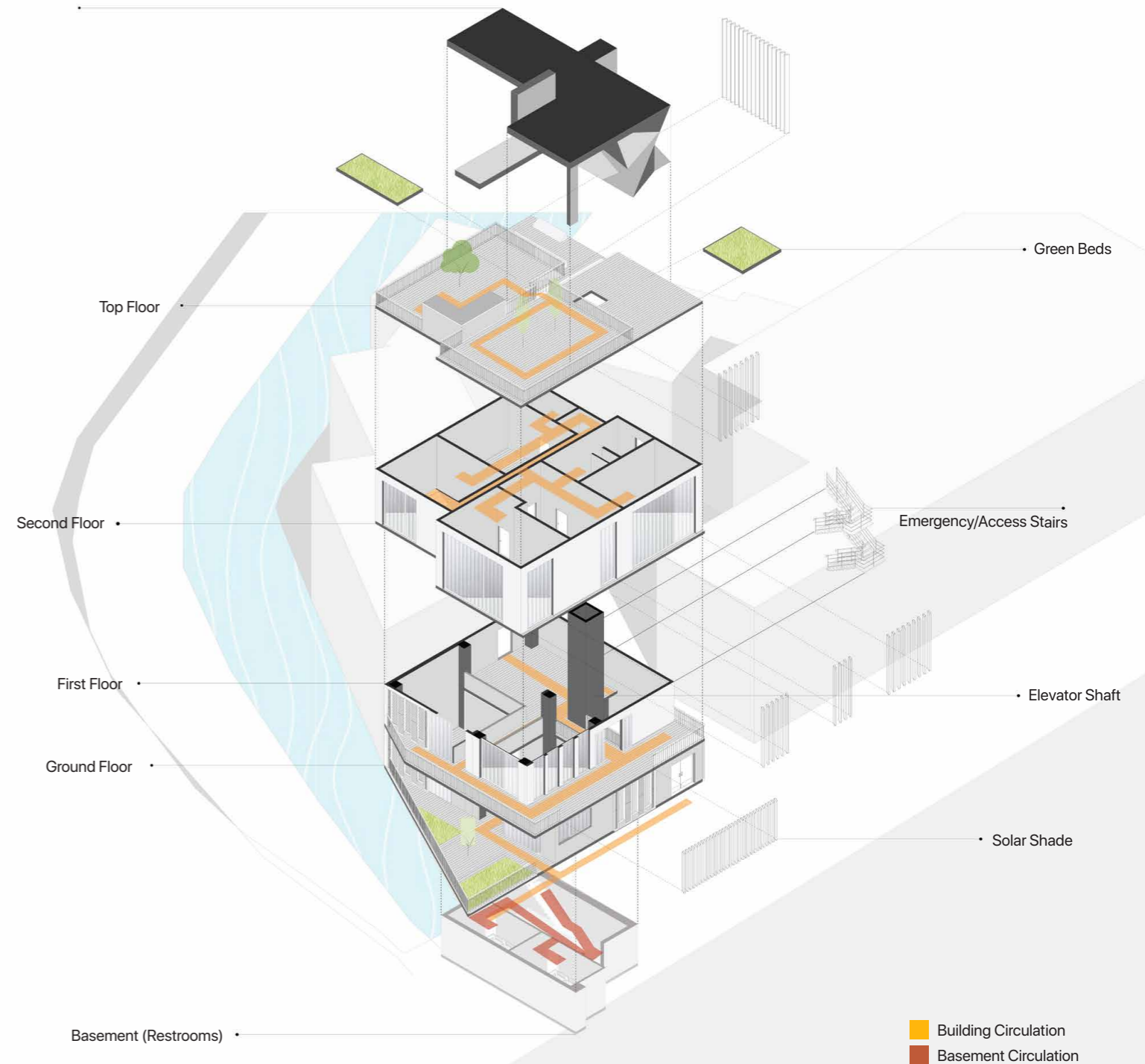
I defined the floors to accommodate private, semi private and communal functions, creating a clear visual base.



I introduced a setback to reduce visual bulk and allow for outdoor spaces, connecting the building with the canal.



I carved into the massing to introduce access points and enhance the relationship between the building and its surroundings.





Building VENTILATION
*wind direction (South-West)

Ventilation Strategy

The building uses passive design to enhance natural airflow from the prevailing south-west wind. Operable openings on the ground floor allow cross-ventilation in public areas, while landscaping supports passive cooling.

The first-floor workspaces are arranged to maximise airflow, aided by shading elements that reduce heat gain. On the second floor, private units benefit from through-ventilation and balcony setbacks that help draw air inside.

Blue arrows show the path of cool air and red arrows indicate warm air being released through upper-level openings.

Reflection

In this project, my initial aim was to design a space that enables young professionals to gather, work and collaborate with the overall goal of promoting community interaction. My concept developed from a brutalist perspective into a more resilient approach, which evolved through early sketches and using AI software like Midjourney to generate design alternatives.

One of the main challenges I faced was the technical software skills, which I addressed by understanding basic modelling principles using Sketchup to bring the design to life. Through this project, I learned the importance of air ventilation and user circulation, elements that, when carefully considered, contribute significantly to creating a comfortable and functional environment.

Overall, the experience deepened my appreciation for the complexities of technical design and the process of transforming a concept into a fully realised space.



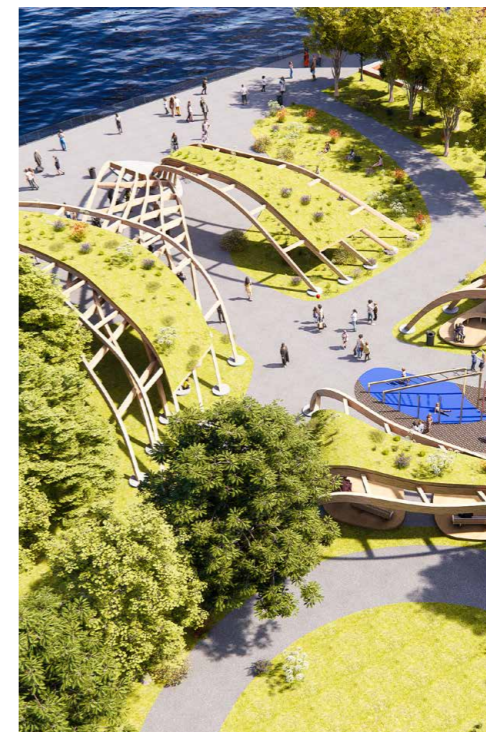
Family Threads

year 2, semester 1 project

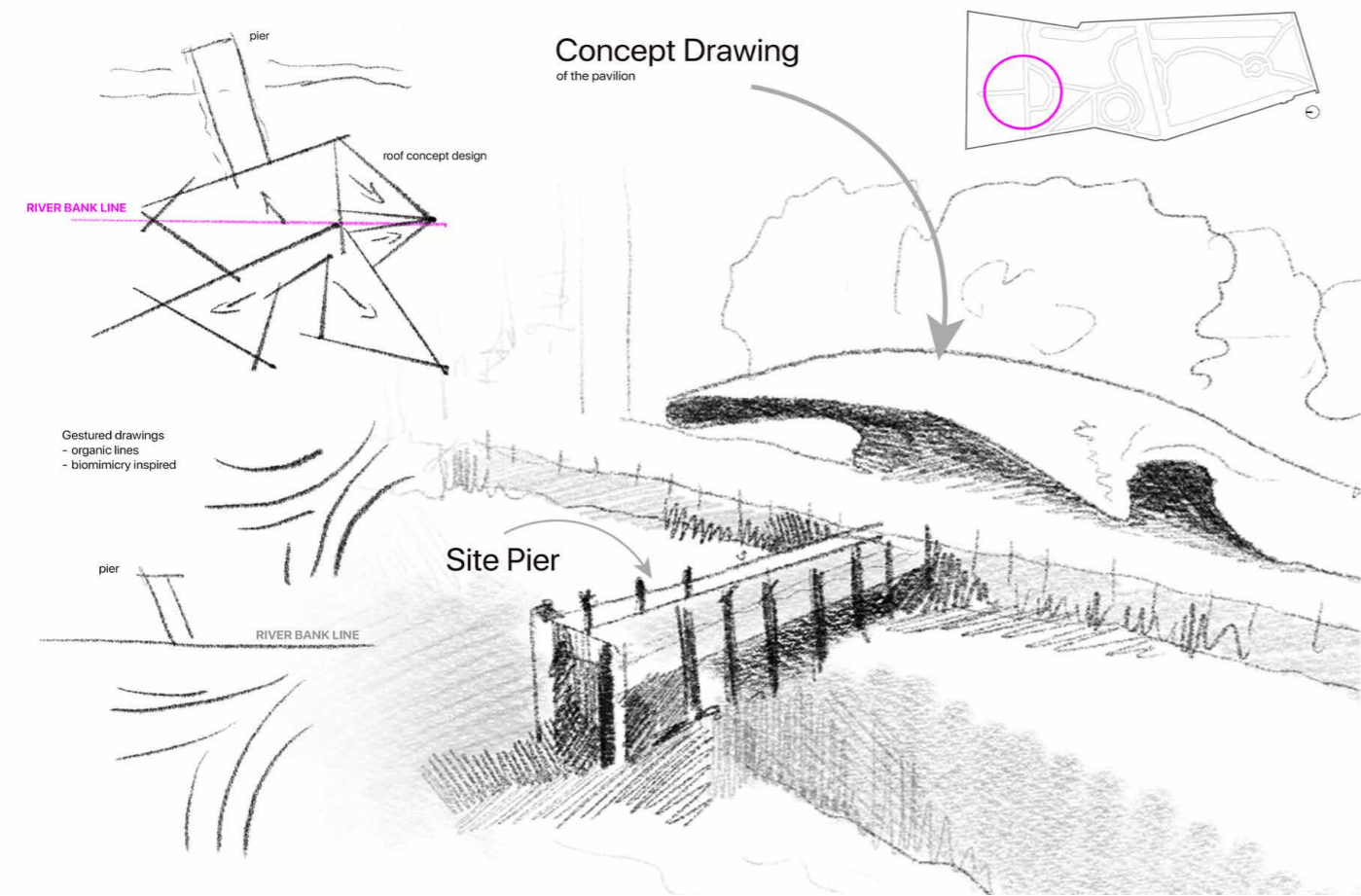
The Brief

This project responds to a brief that explores regenerative architecture through small-scale structures in public space. The aim is to support urban regeneration by addressing social needs, engaging with the local context, and applying sustainable design strategies.

In response, this proposal focuses on families as the primary user group. The design promotes sustainable construction practices and it aims to offer a safe and welcoming environment that recognises family life as a vital part of the urban experience.

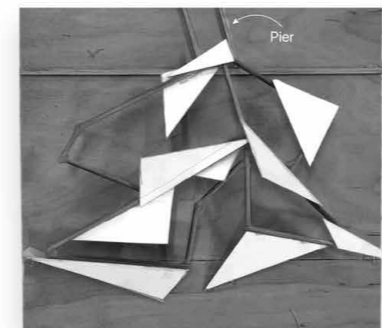


Early concept skethces

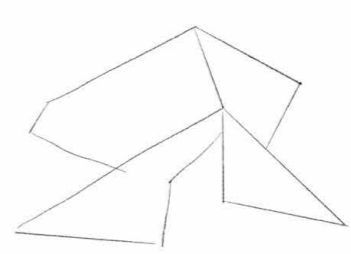


Early concept skethces

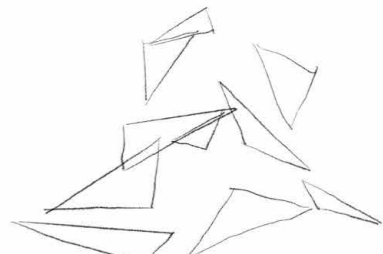
Further concept drawings/model making



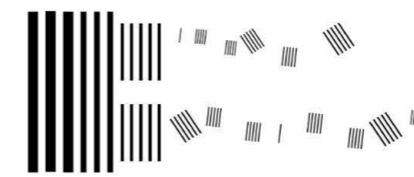
Concept model (PLAN VIEW)



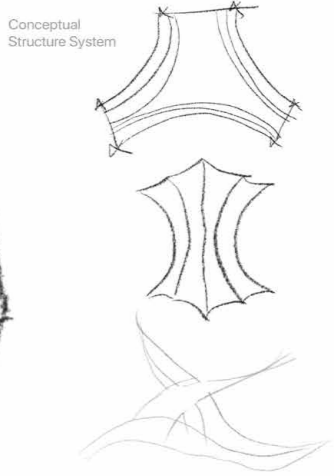
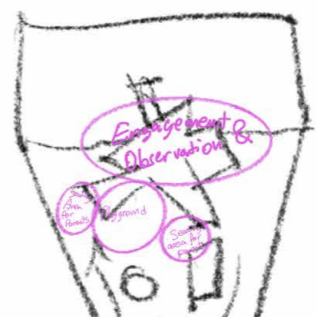
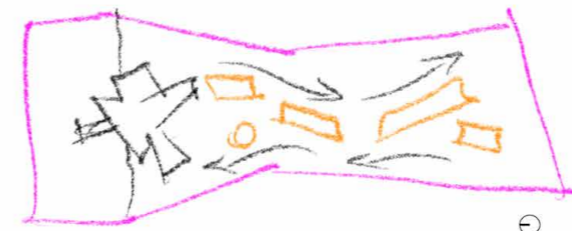
I began designing the roof's substructure with a randomized sequence of trusses, intentionally overlapping and interconnecting them to create a dynamic and supportive framework.



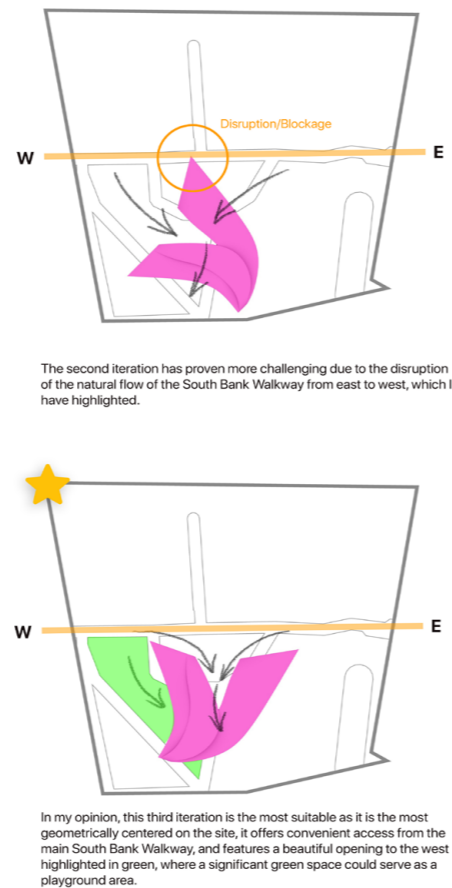
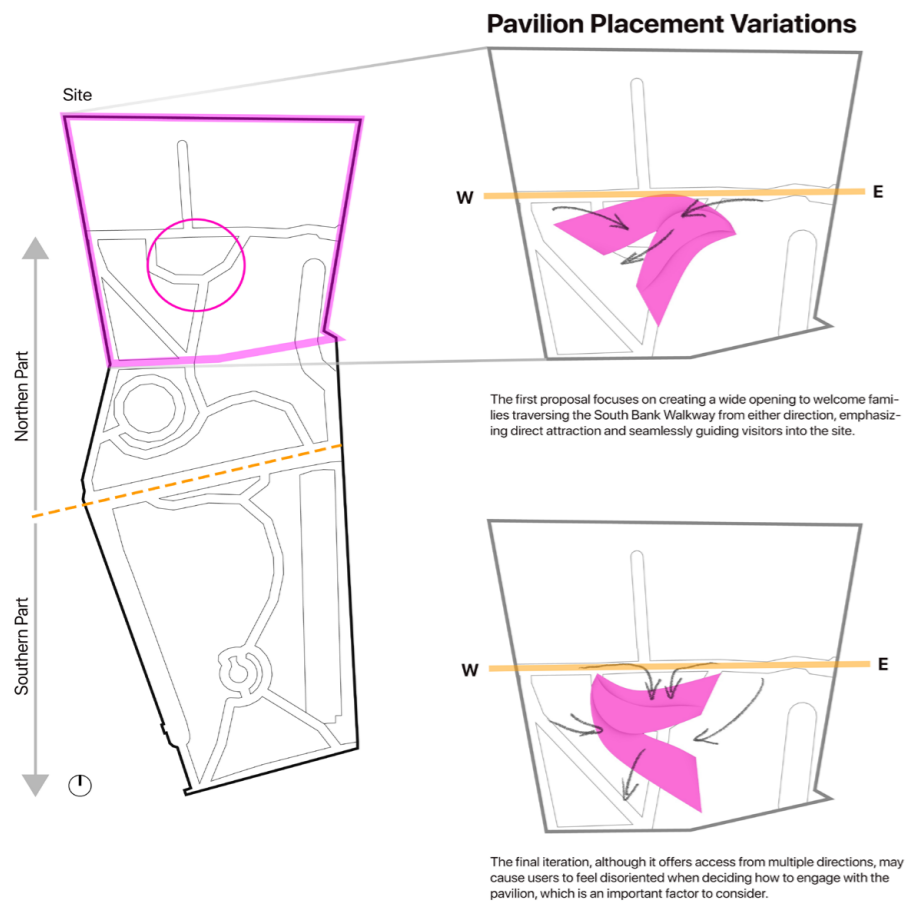
On top of the structure, I have incorporated a series of triangles to disrupt the pattern and introduce an abstract design element, seamlessly blending with the park's perfectly imperfect scenery.



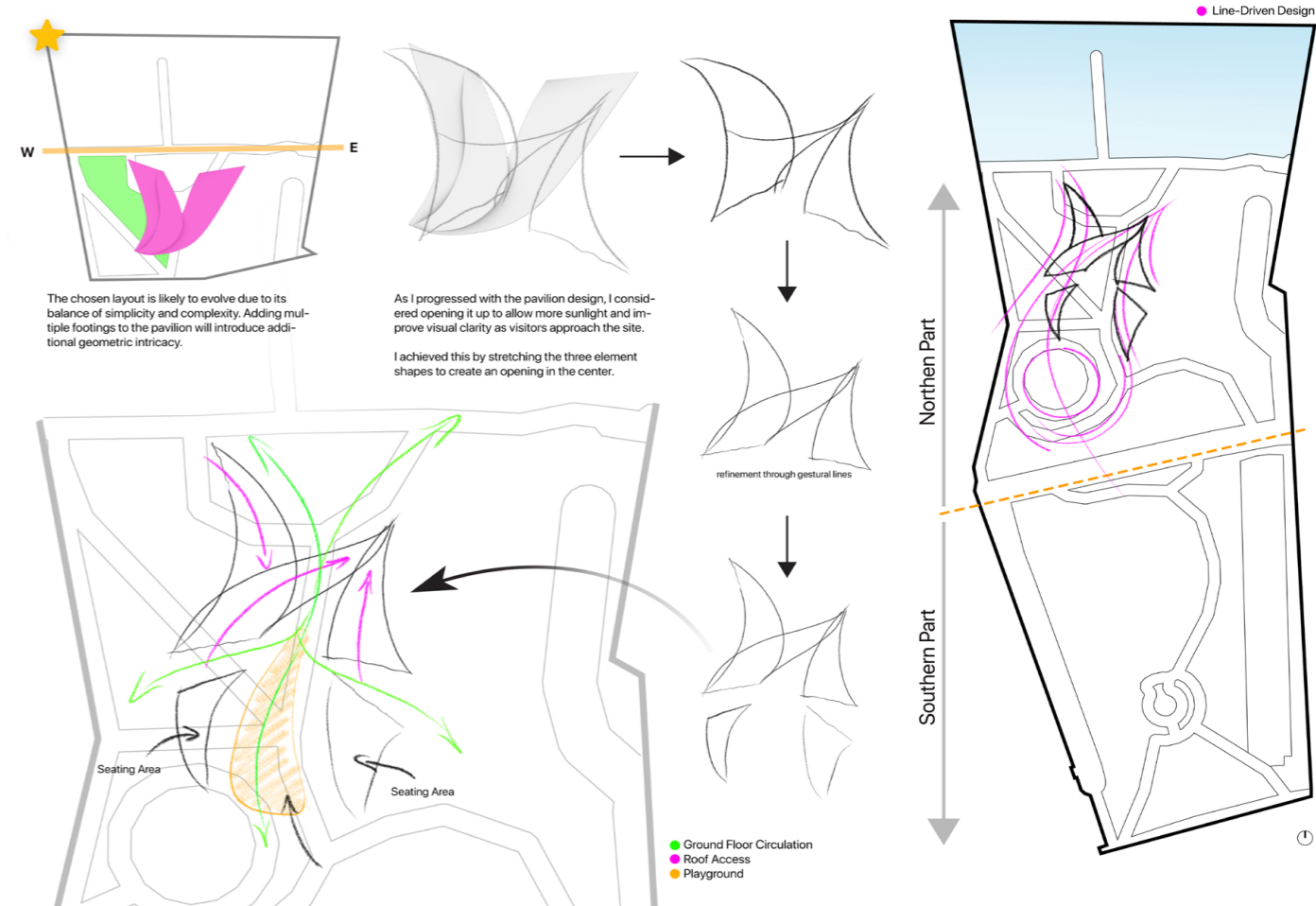
I've created a simple graphical concept to show the main features I will focus on across the site. This includes seating areas for relaxation, playgrounds for activities, and zoning layouts to organize the space.



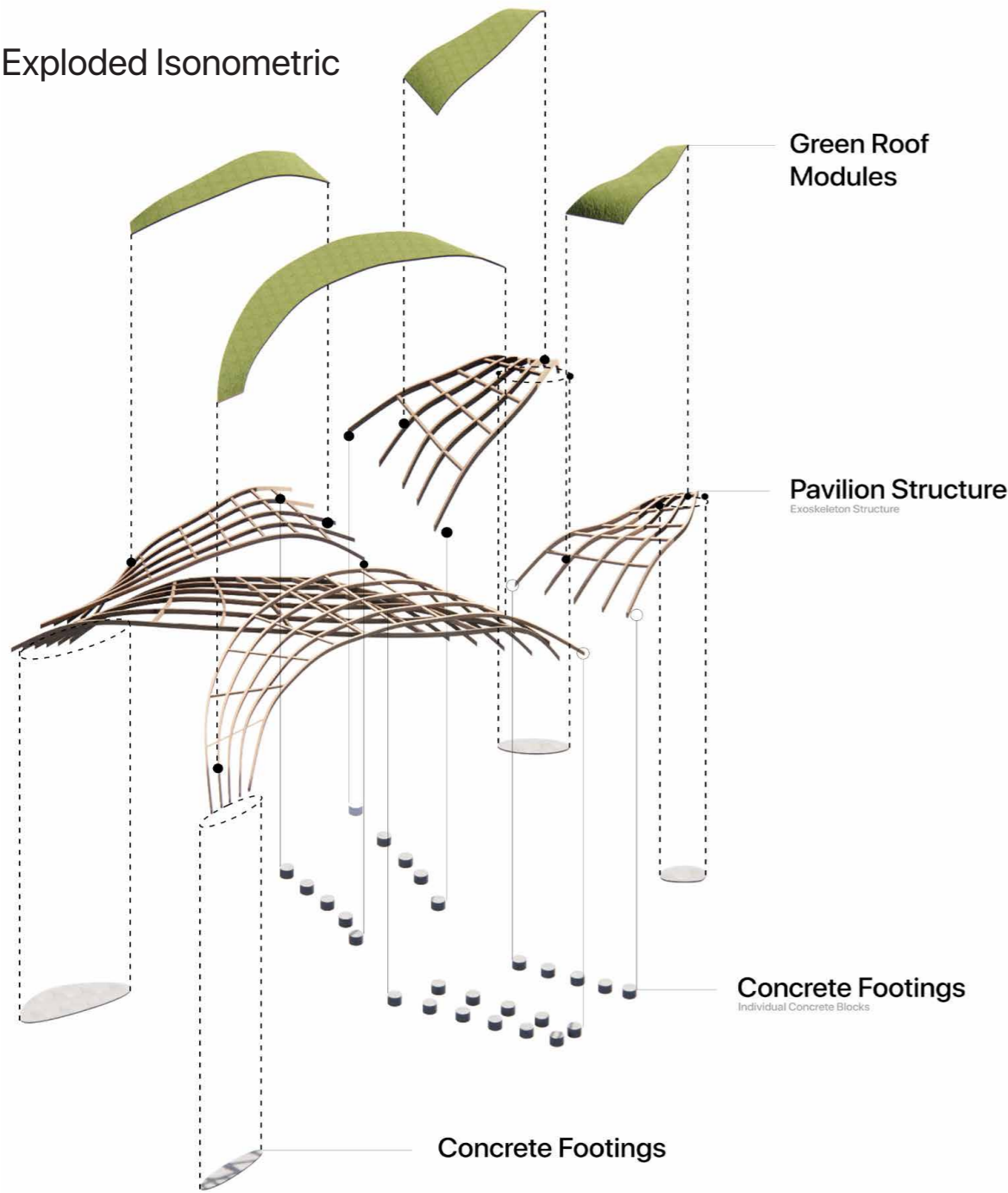
Zoning



Zoning/Design Development



Exploded Isonometric



Construction and Assembly

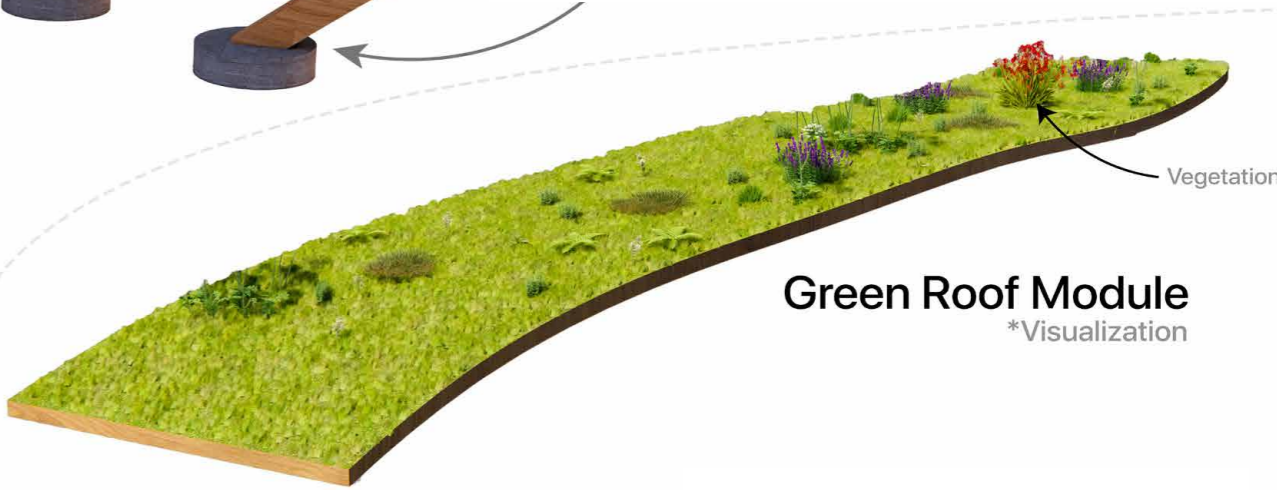
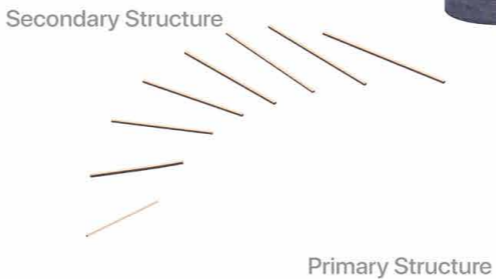
Footings for Single Posts

*Visualization



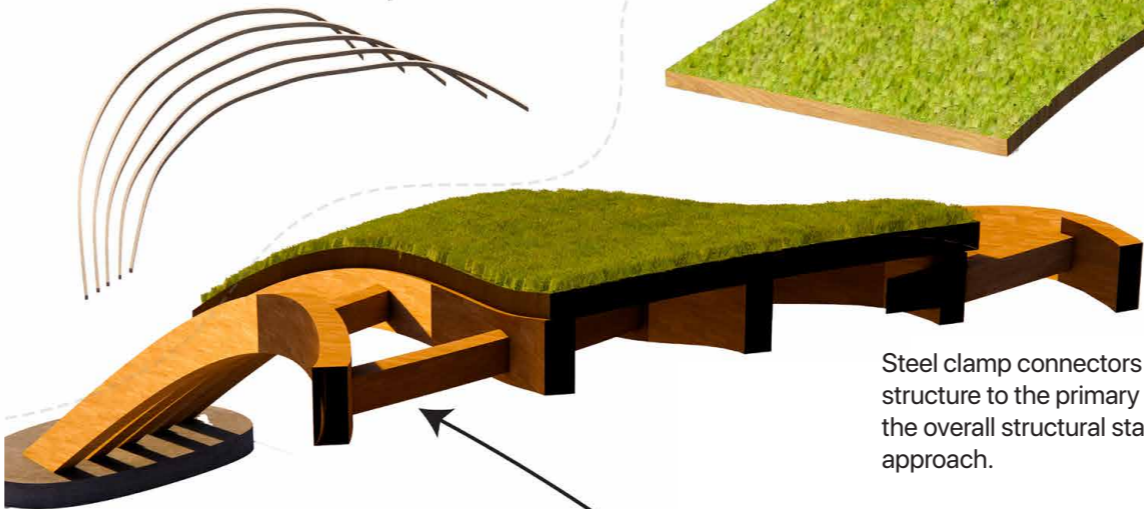
The glulam posts will be fixed to the concrete foundation using knife plate connectors. This method offers a clean and refined appearance while allowing for straightforward installation.

Each connector will be custom-fabricated to match the specific dimensions of the posts, ensuring a secure and accurate fit.



Green Roof Module

*Visualization



Section of Green Roof Module

*Structure for Reference

Steel clamp connectors are proposed to attach the secondary structure to the primary frame. These connectors will enhance both the overall structural stability and support the modular construction approach.

Their use simplifies assembly on site and ensures consistent alignment between components.



Reflection

This project marked the beginning of my second year and served as an exploration of form, particularly organic and simple geometries that balance function and also aesthetics. It was also my first time using Rhino 3D, which allowed me to test scale, develop spatial ideas, and translate drawings into technical models that clearly conveyed the design intent.

Much of the process involved sketching and developing variations while considering construction methods that reduce environmental impact.

What engaged me most, was the design of access routes, circulation, and spatial relationships, elements which became central to how the project felt.

