

Selected Pieces

Portfolio

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I am a hard-working individual and I am pursuing a career in Architecture.

## Education

University of Liverpool (2020-2023)

Architecture, K100, BA (Hons)

- Shortlisted for the 'Swedish Wood Student Architect Award' - In recognition for dynamic timber shading fins in my final degree project.

Sir John Lawes School (2013-2020)

A Levels - A (Maths), A (Art), B (Biology)

GCSEs - Grades 8-6

## Extracurricular

University of Liverpool Swim Team Captain, September 2022 - present - As a member of the swim committee I have been required to develop my organisational and leadership skills.

Grade 8 Clarinet, July 2019 - Required a great deal of self discipline and practice.

British Biathlon Finalist, 2018.

## Experience

Arup Associates, July 2019, London. Work experience - Learnt key architectural and engineering processes by working with different departments throughout the week.

Barr Gazetas, May 2019, London. Work experience - Shadowed meetings and visited off site projects, gave me an insight into how architectural practises work and function.

Momart, June 2017, Canary Wharf, London. Work experience - Researched various artists for potential Momart customers and worked in a number of departments gaining an overview of the types of work that the company is involved with.

Hospitality, 2019-2022 - Worked part-time in hospitality over summers including Luton Hoo Hotel. Position of food and beverage assistant taking orders, serving customers and handling money. Learnt to make a number of cocktails.

## Skills

- Presentations
- Team leadership
- Model making
- Sketching

## Software

- Adobe Creative Suite
- Affinity Suite
- Sketchup Pro
- Vray
- Autocad
- Learning Revit
- Procreate





1:100 Model

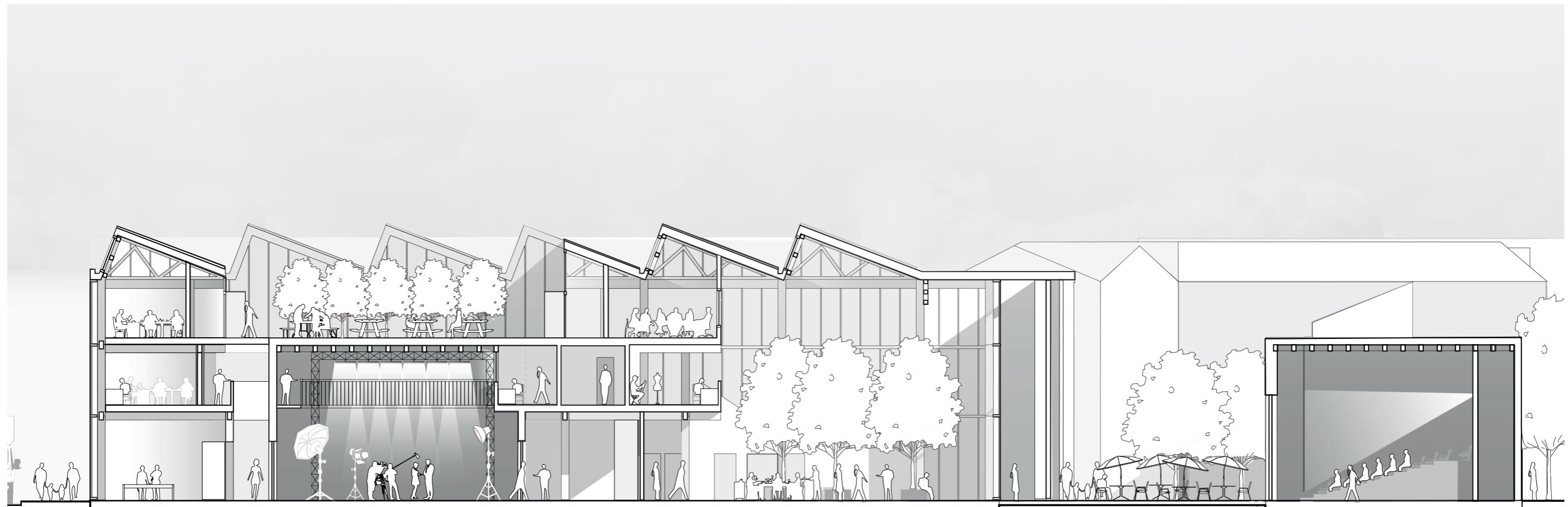


## Film School

Term: 3rd Year, Semester 2, 2023  
Project Title: Big Picture Thinking

## Brief

Design a film school for the University of Liverpool. The university required a mixed-use sustainable building that provided private and well thought spaces for film teaching and development, with facilities for hosting public meeting areas and events.



1:200 Section AA

## Film School

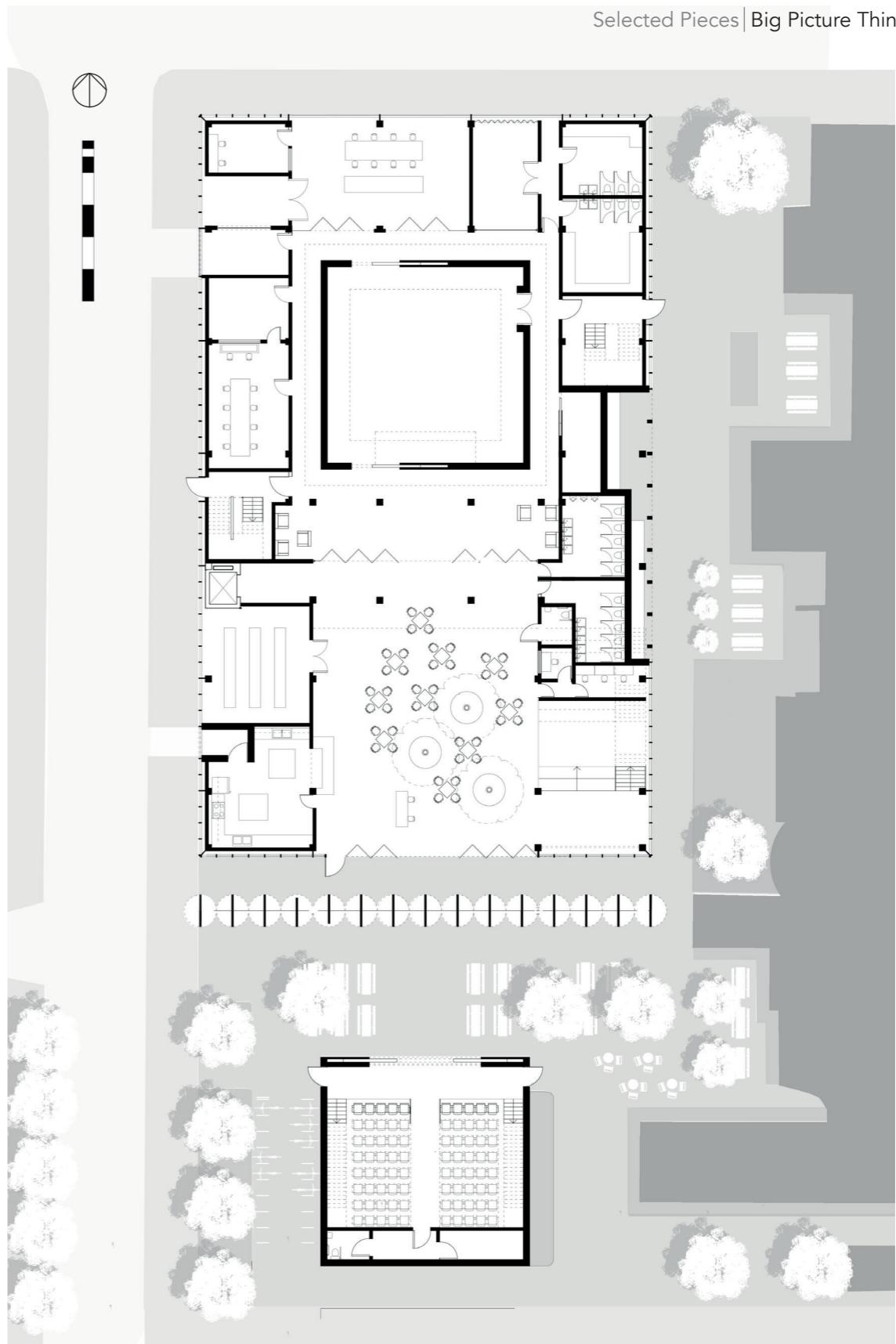
Term: 3rd Year, Semester 2, 2023  
 Project Title: Big Picture Thinking

## Site Response

The film school sits on a linear site and a north-south axis. The saw tooth roof lets in north light into studio rooms and absorbs solar gains on the south with photovoltaic panels. Solar gains are maximised in the glazed south facing atrium for mechanical heat ventilation recovery. The building's orientation on site is backward facing with its entrance on the south side. This is because of pedestrianisation of the southern side of the site and the heavy traffic on the north.



Cinema render



1:200 Ground floor plan

## Film School

Term: 3rd Year, Semester 2, 2023  
 Project Title: Big Picture Thinking

## Design Approach

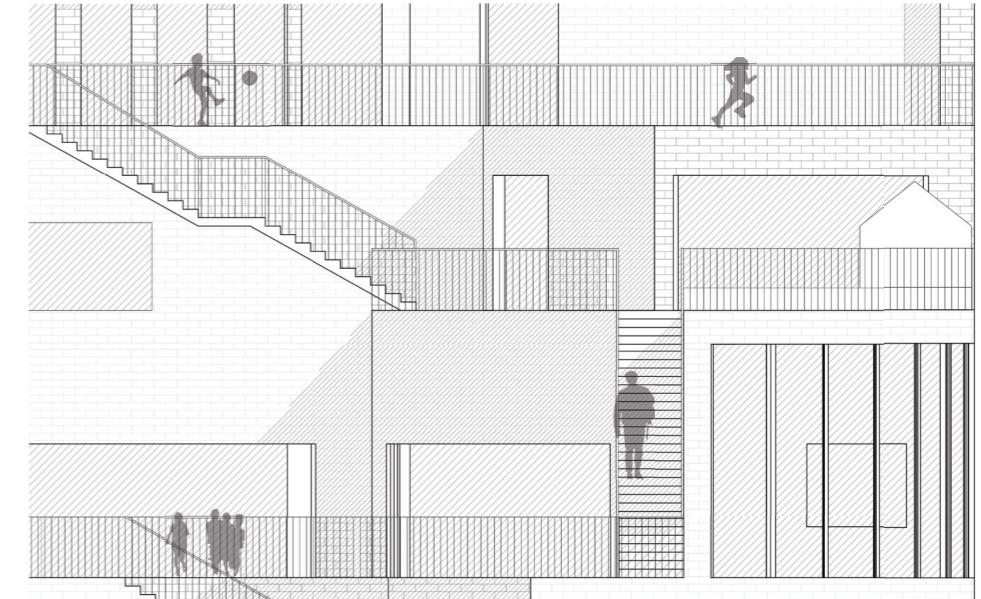
The idea was to reinforce a relationship between the production and viewing of film with the production studio and cinema. The two boxes mimic each other in dimensions and materials. The cinema's sliding doors open before and after showing to reveal its studio counterpart embedded in the main glazed building.



1:50 East Elevation



Interior Render of Hall



1:50 South Elevation



1:100 East Elevation

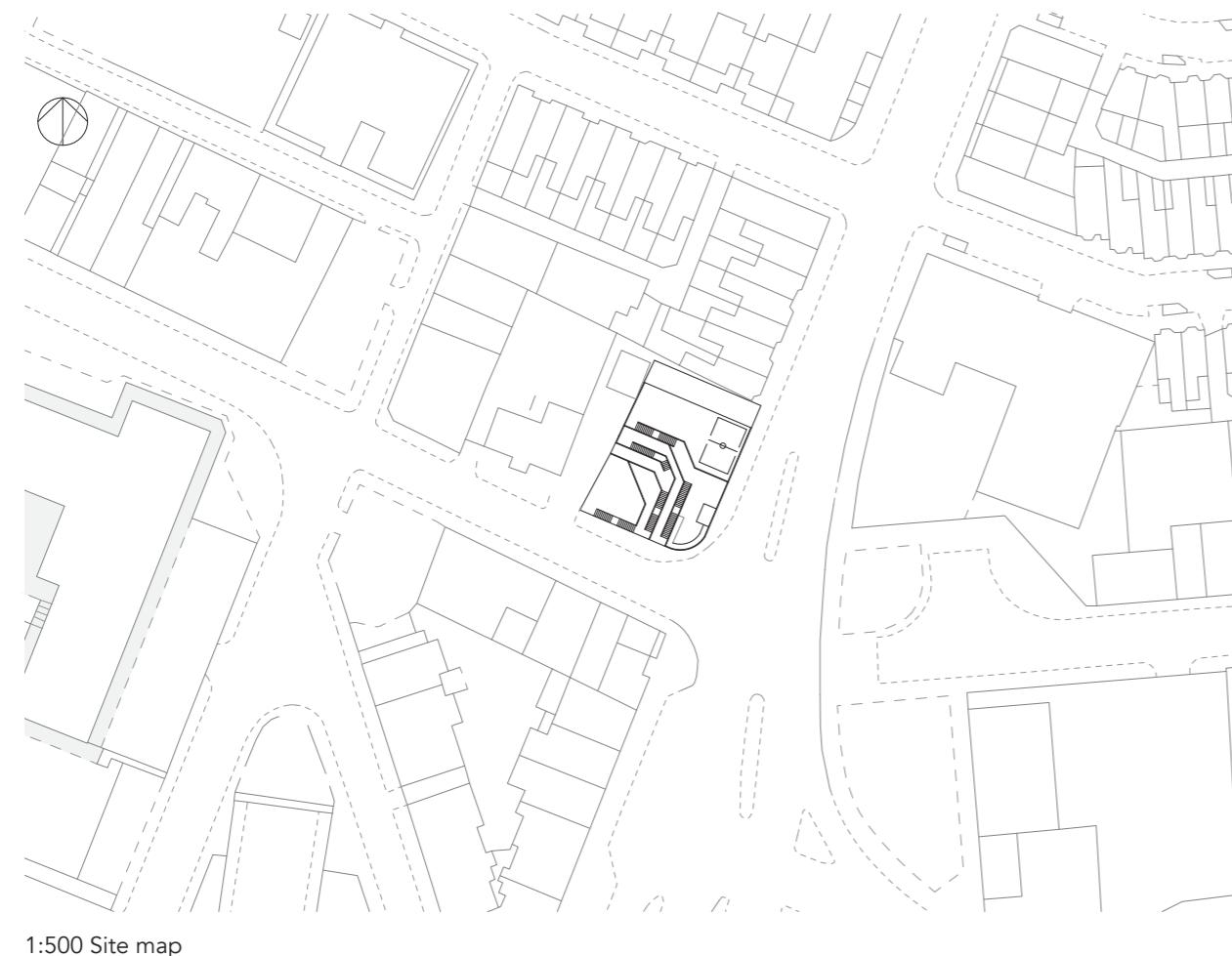
## Primary School

Term: 2nd Year, Semester 2, 2022

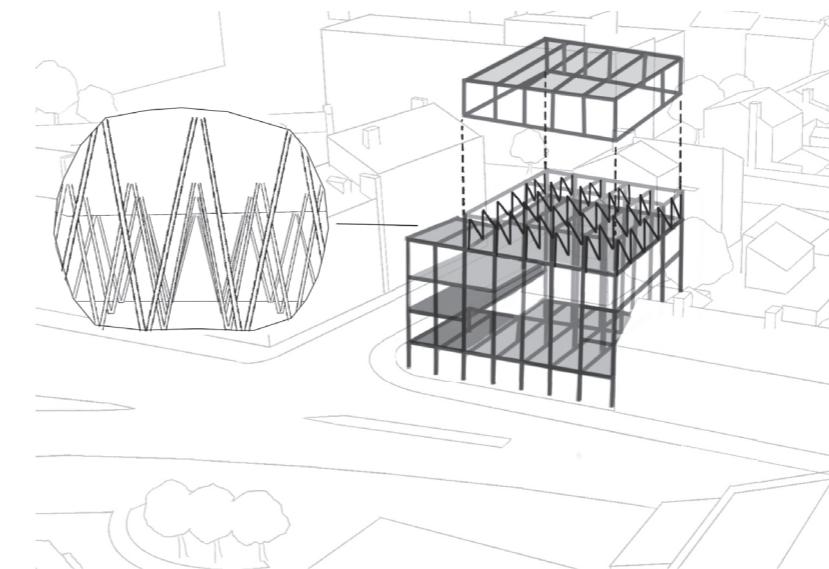
Project Title: New Birkenhead Primary

## Brief

Design a primary school in Birkenhead, Merseyside capable of catering for six school years. The main challenge was fitting the accommodation schedule on such a small site of 198 sq.m.



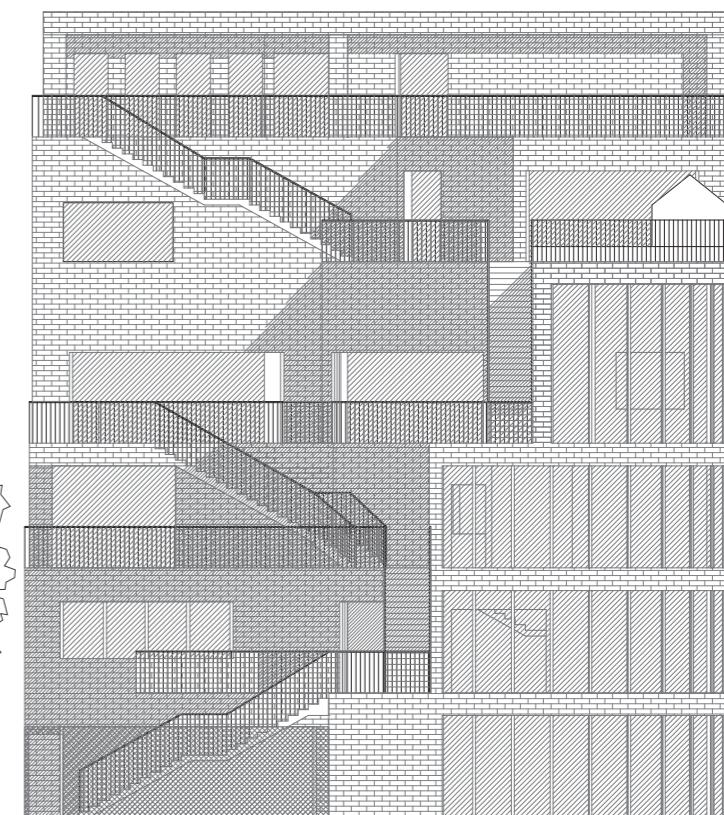
1:500 Site map



Primary glulam structure



1:100 South Elevation

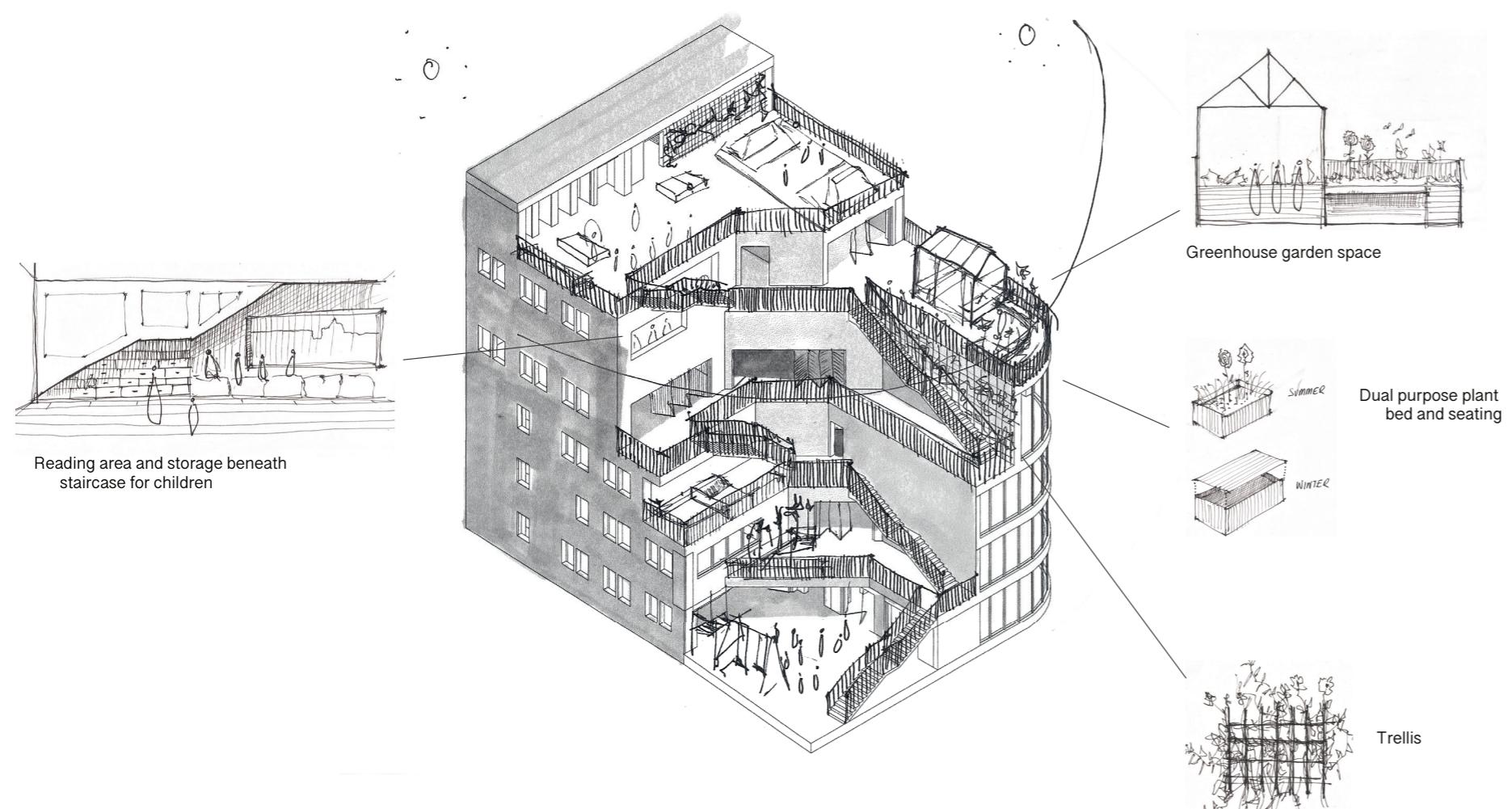


## Primary School

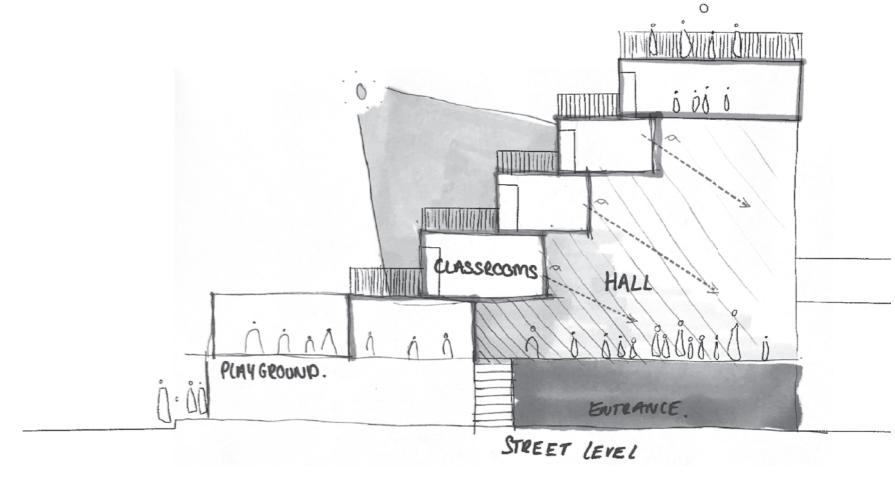
Term: 2nd Year, Semester 2, 2022  
 Project Title: New Birkenhead Primary

## Site Response

The school sits on a corner site which faces a busy main road with links to the Merseyside tunnel. The site's small area of 198 sq. m meant that the accommodation for outdoor spaces was challenging. The stepped terrace, south facing, design helped overcome this to provide outdoor spaces for the students.



Isometric sketch of terraces



Conceptual Sketch



1:100 Conceptual Model

## Primary School

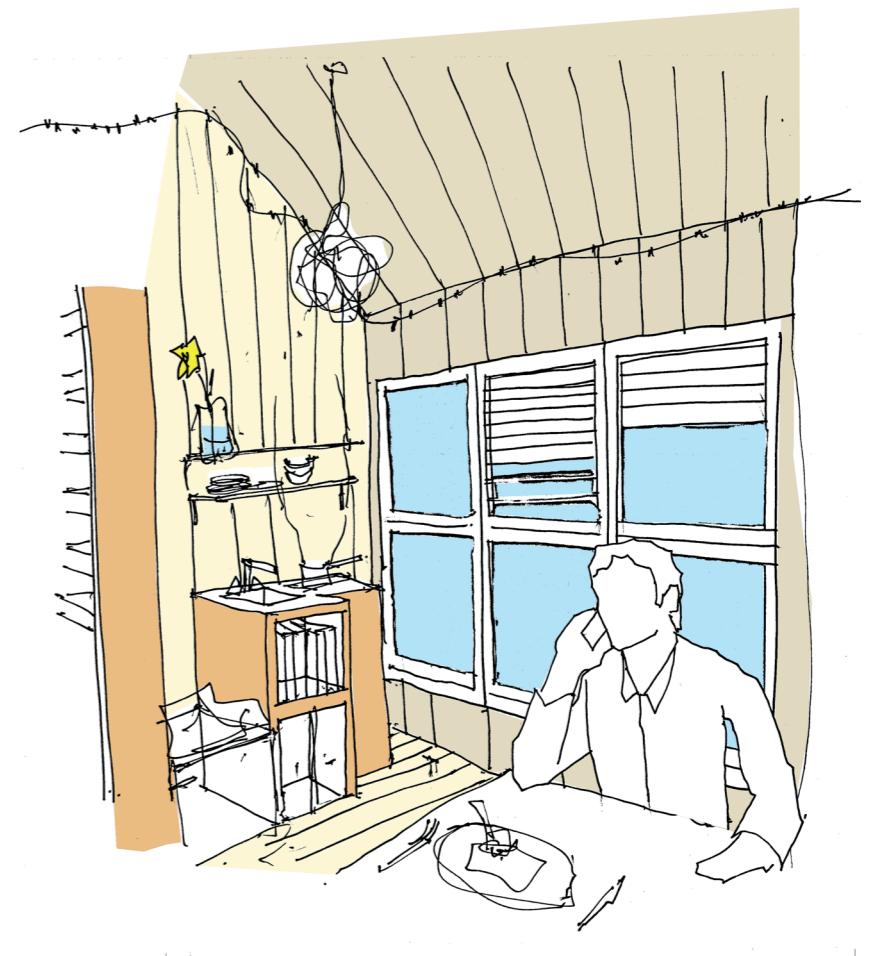
Term: 2nd Year, Semester 2, 2022  
 Project Title: New Birkenhead Primary

## Design Approach

The idea was to create a *mountain* where the classrooms and additional accommodation was staggered around a central hall space. Access for students and parents would be externally through a terrace with staff entering through the main building itself. Inspiration stemmed from memories of my own primary school where, for safety and convenience reasons, children would enter directly from the playground into their classrooms and staff through a separate circulation system. The project makes use of external and internal circulation systems.



1:100 Model



Sketch of living spaces

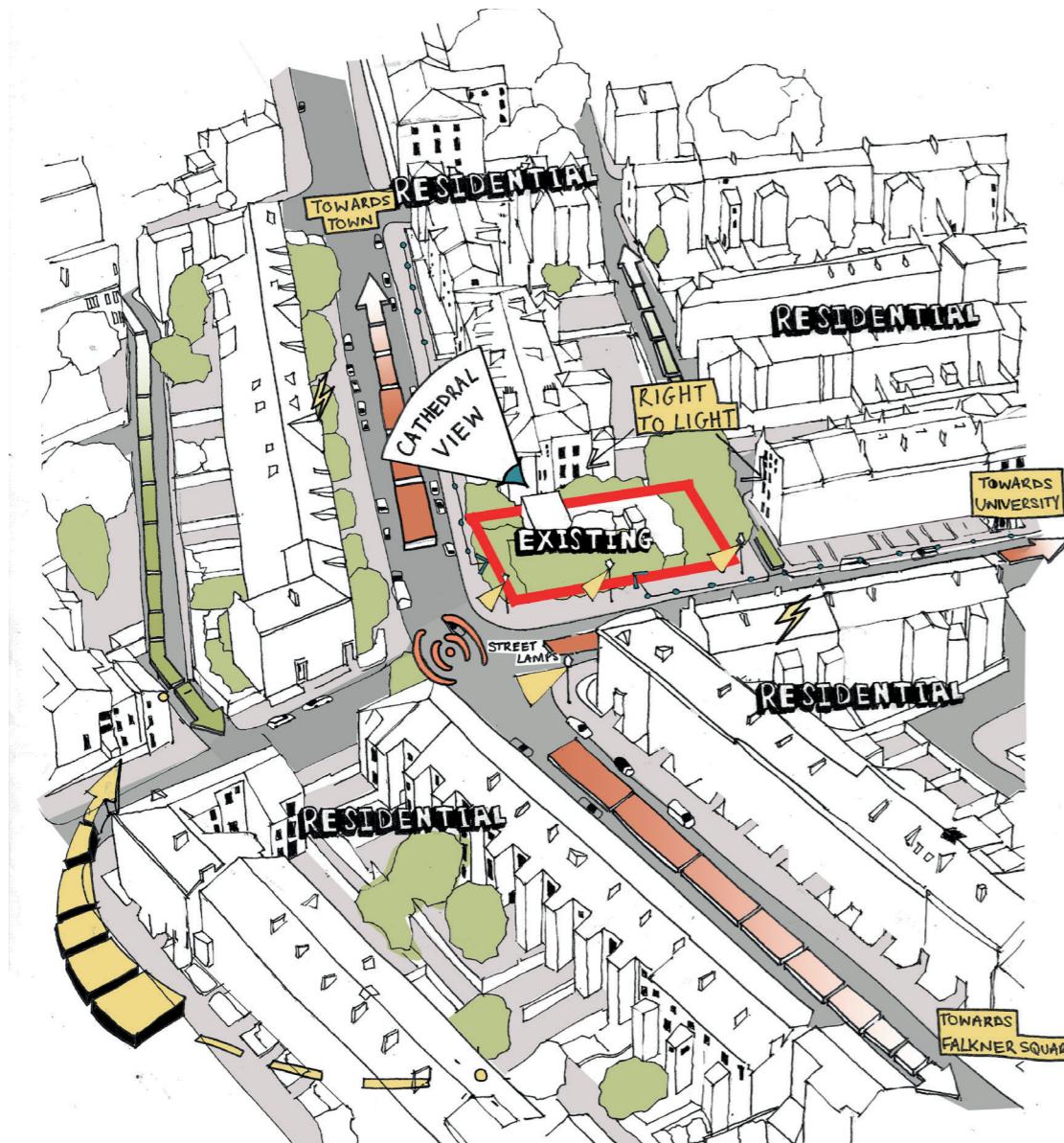
## A Co-Living Project

Term: 3rd Year, Semester 1, 2022

Project Title: NHS Viewpoint

## Brief

Design a co-living unit in Liverpool's Georgian Quarter. The accommodation was required to house at least twenty residents including two accessible rooms. Other requirements included co-working, social, and recreation spaces. The residents I chose to cater for were young NHS workers stationed at the Royal and Women's Hospitals in Liverpool.



Sketch of site



Co-living accommodation on site

## A Co-Living Project

Term:

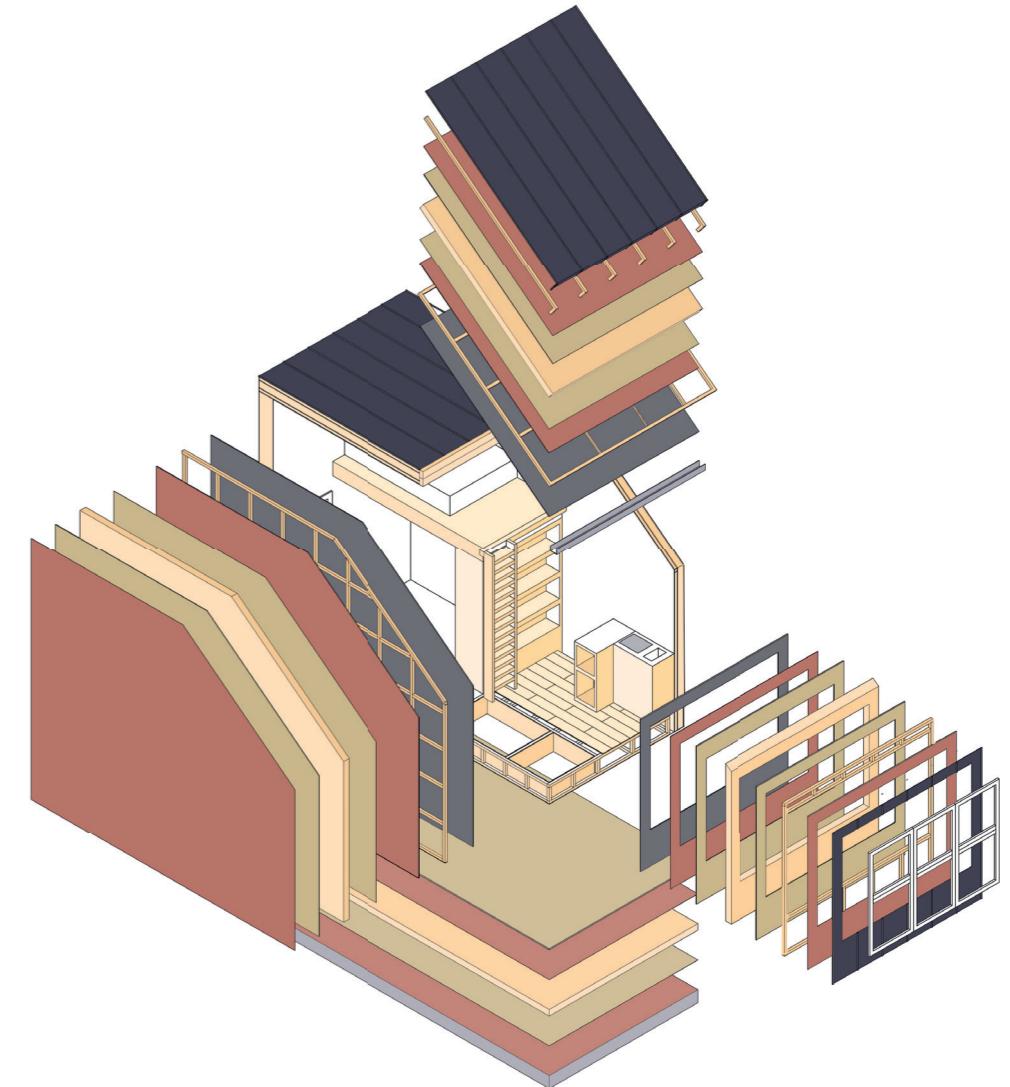
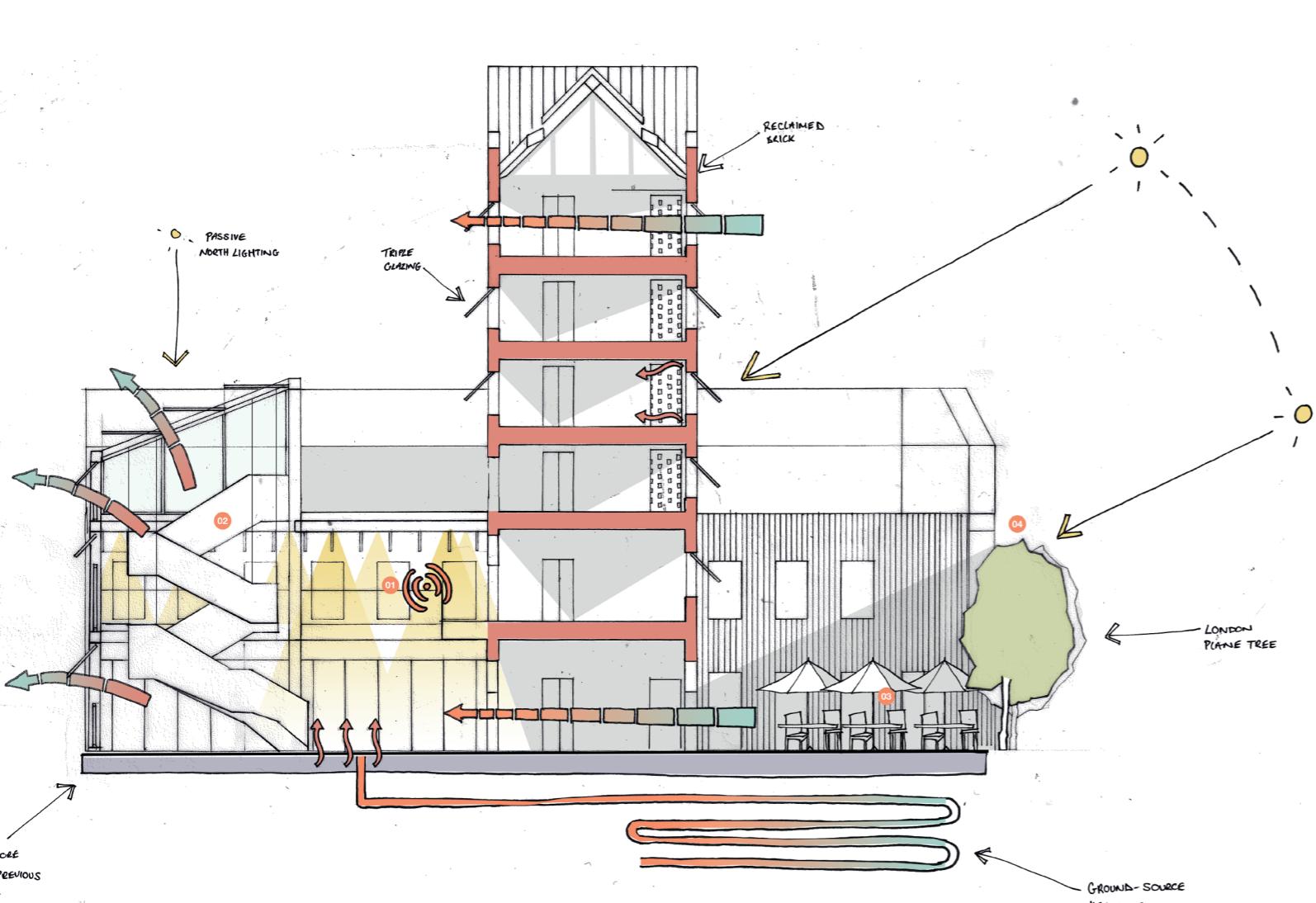
3rd Year, Semester 1, 2022

Project Title:

NHS Viewpoint

## Site Response

The Georgian Quarter is protected area of Liverpool with a strong rhythm of Georgian terraced housing. Traditionally, these are neat and presentable on the front and random on the back. The Quarter has been broken up periodically by churches, monuments and squares throughout the years. The largest examples are the Metropolitan and Anglican cathedrals. The response to this site was to continue the breakup of the quarter and mimic the typology of towers and churches in the area.



## A Co-Living Project

Term: 3rd Year, Semester 1, 2022

Project Title: NHS Viewpoint

## Design Approach

The design strategy was to create a mixed use building with clear boundaries between private and public spaces. Public spaces include a gym and cafe with a social courtyard on the south of the site. Private spaces are established with the tower as a threshold between the courtyard and atrium. The design uses the brick tower for co-working spaces that has access to views of Liverpool's skyline. The atrium space on the ground and first floors acts as private social and dining spaces. For affordable living, the main accommodation is spread over the second floor in modular living pods.