

Portfolio

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Contents

01

Modular

Residential

02

Clayworks

Commercial

03

The Mills

Multi-Residential and Commercial

About Me



I have always had an interest in raw natural materials, neutral colour palettes and sustainable practices throughout Interior Design and Architecture.

My love for Interior Design started while growing up in Boorloo/Perth, spending much of my childhood working on renovations in my family home. Since then, I have moved to Naarm/Melbourne to study and pursue Interior Architecture for the great opportunities and projects this city has to offer.

Throughout my studies I have developed a strong interest in sustainability and community development and growth. Being isolated in lockdowns has shaped my practice to prioritise designs that bring the community together.

The following projects aim to find ways to positively impact mental health and wellbeing of users, using regular human interaction and exposure to nature as design outcomes.

Modular

Completed in 2020



Site, 6-8 Patterson Street, Hawthorn VIC 3122

The brief for this project was to design a series of modular housing options to accomodate Swinburne University students studying on campus, located adjacent to the site. The site was previously a paid carpark for surrounding commercial and short term student parking.

In response to this brief, I have designed a series of modular apartments. Inspired by the space saving qualities of 'tiny homes' and aiming to explore the the elements of privacy and natural light in a compact space was the driver of Modular.

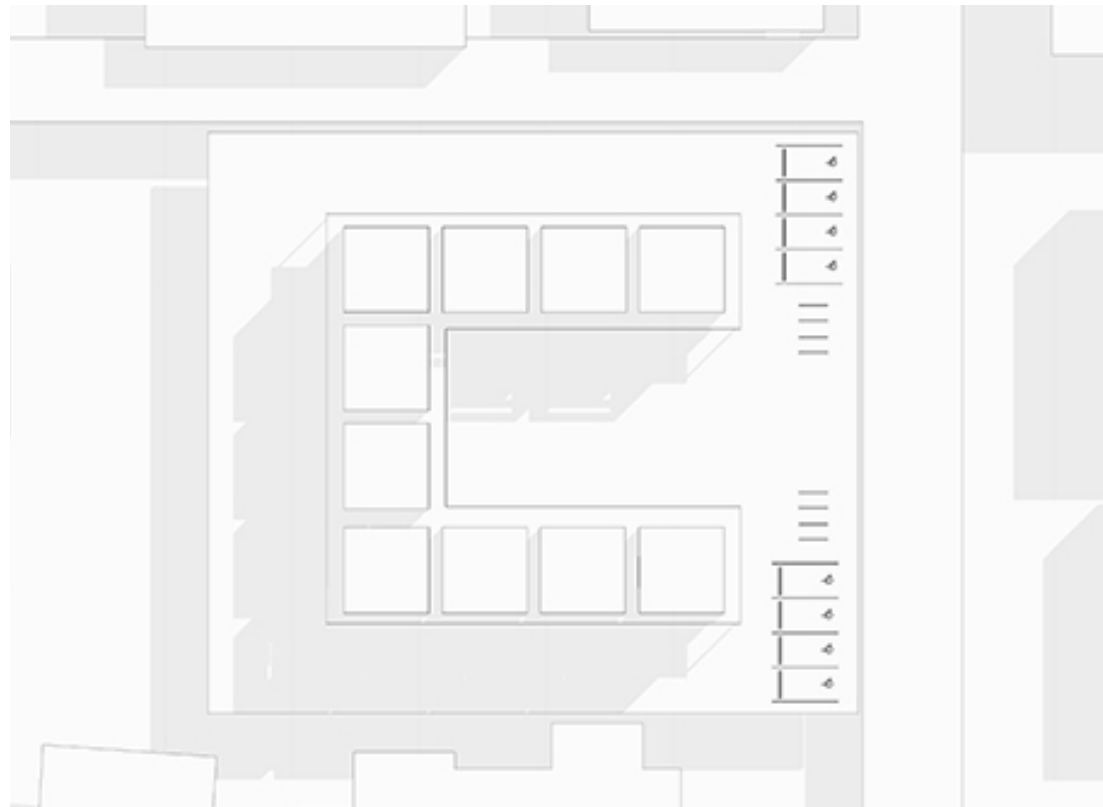
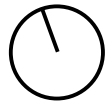
As a response to Covid-19, communal dining, lounging and library/study areas have been included in the final design on the ground floor, and each Module Apartment is located on the first floor. Students looking for a home away from home are the clients for this project.

Programs: Revit, Lumion, Photoshop



Site Plan, Modular

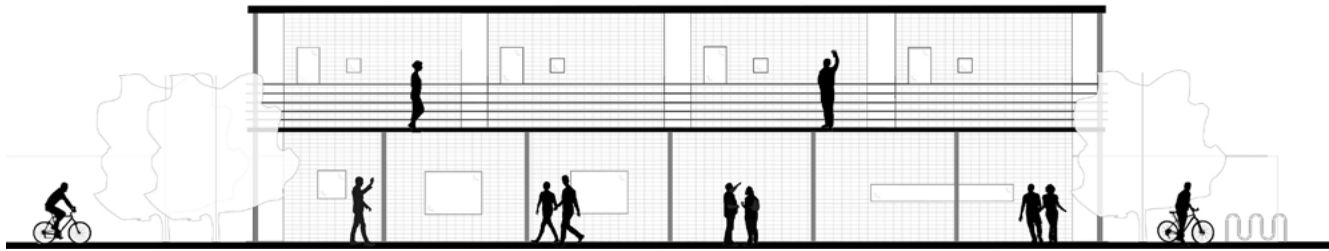
SCALE 1:100



Modular Plan, First Floor Plan

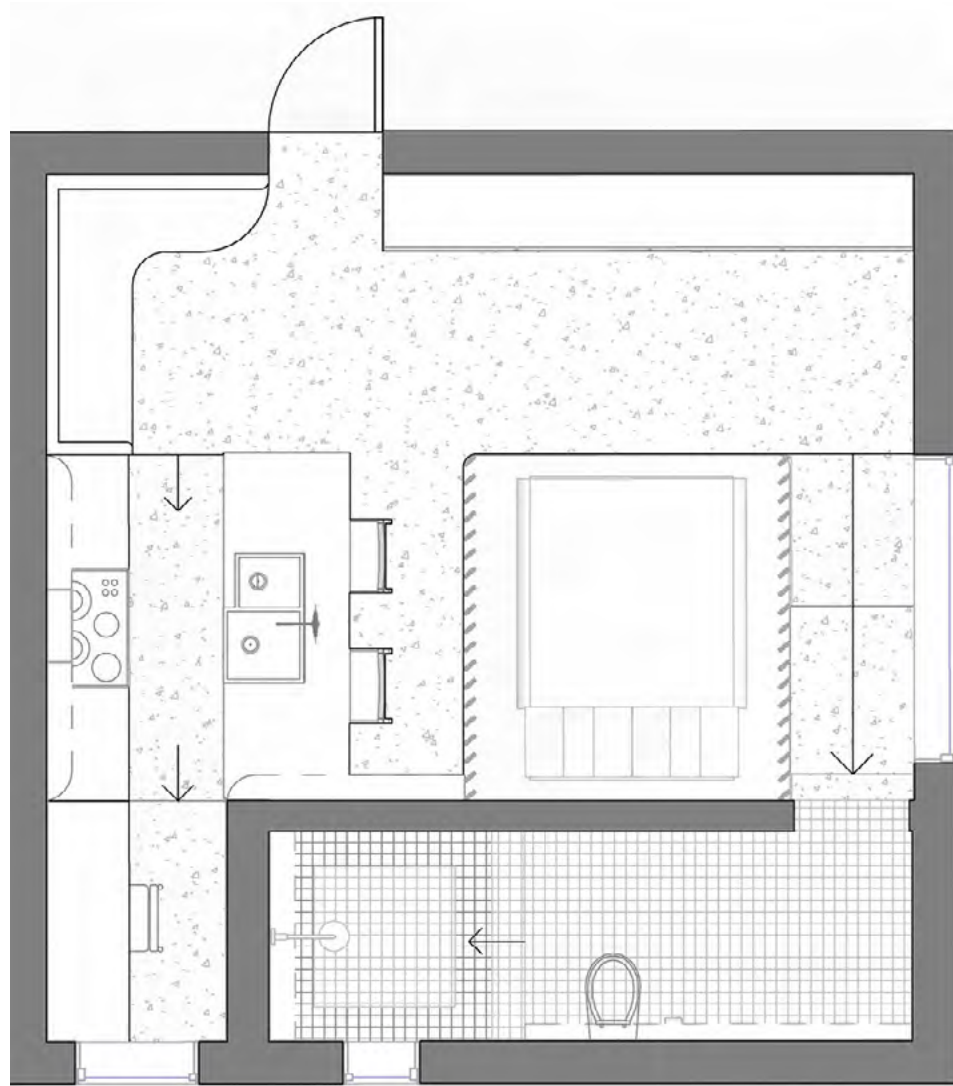
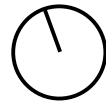
SCALE 1:100

There are ten Modules in total, each include shared balconies and stairways with neighbouring Modules. The orientation and location of Modules aims to build a sense of community and closeness, while still giving space between each Module.



Exterior Elevation, East

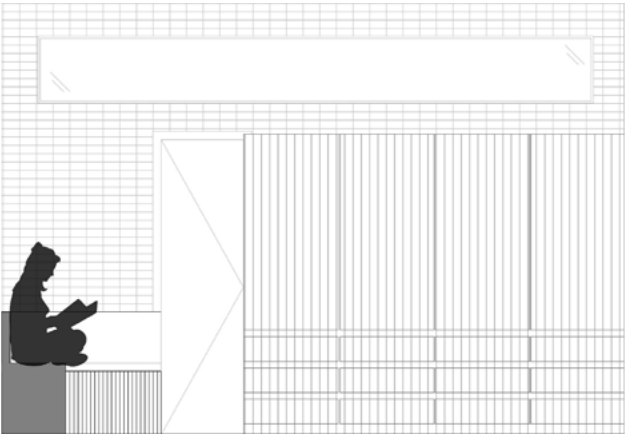
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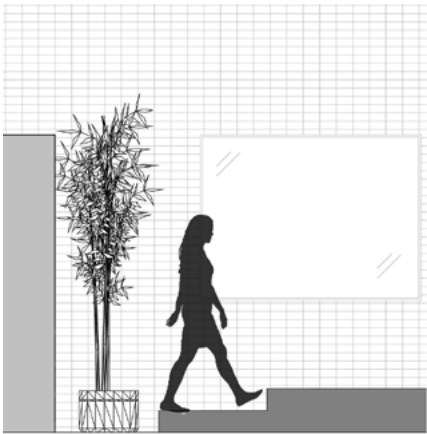
Floor Plan, Modular Apartment

SCALE 1:20

Separation of space is provided by steps and adjustable timber panels.
When open, these panels allow for natural light and ventilation. When closed, they provide privacy. Different levels of space give the resident a sense of journey.



Interior Elevations, Modular



SCALE 1:20



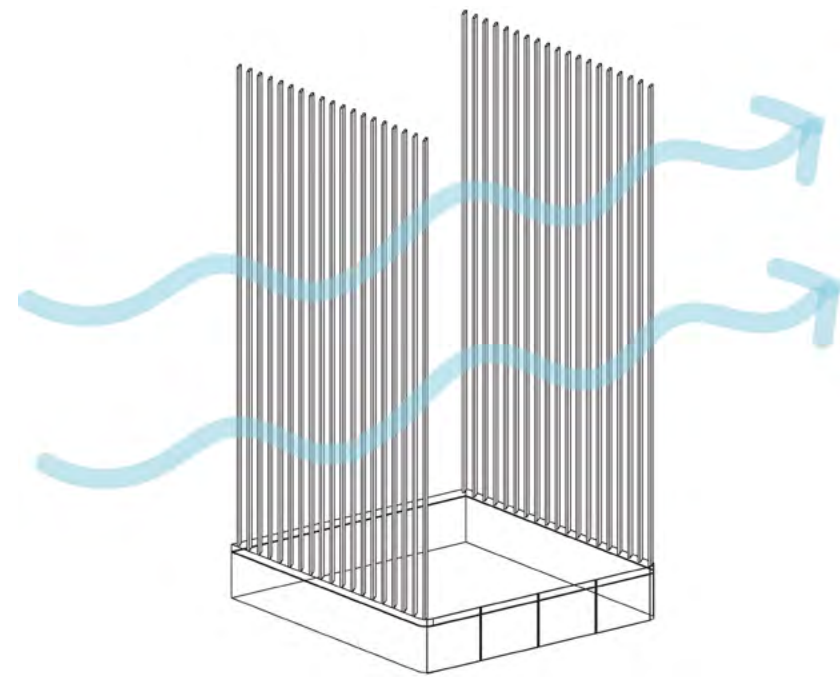
Interior Elevation, Modular

SCALE 1:20

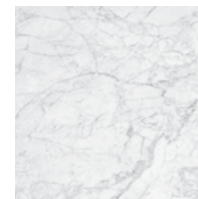
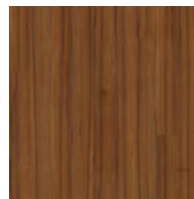
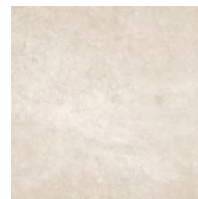
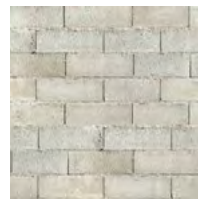


Interior Elevation, Modular

SCALE 1:20



Ventilation Diagram, Adjustable Bed Panels



Natural and textural materials have been used for comfort and to evoke nostalgia representing home.



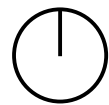
Interior Render, Modular



Interior Render, Modular

Clay Works

Completed in 2020



Site, 481 Canning Street, Carlton North VIC 3054

The brief for this project was to design a new build on an existing site that explored passive solar design through sustainable practices for shading, water catchment, ventilation, solar power and thermal mass. The final design was to include the use of clay as a building material for a facade, and a space for a pottery museum, creative workshops and residences as a showcase of works.

The site I selected is North Carlton Children’s Center and is host to a young children’s practice for the families of Carlton North. My design proposal moves the Childcare Center to the first floor, and giving space for the pottery museum, workshops and residences on the ground floor, together to create Clayworks. A community creative hub or families.

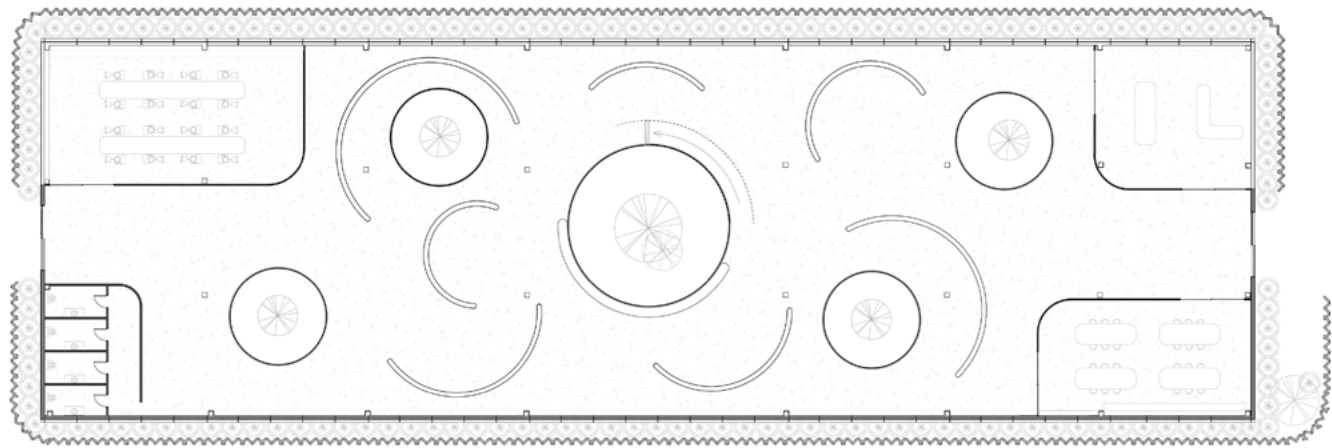
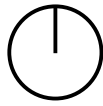
The merging of pottery, workshops and the childcare centre give space for the residents of Carlton north to undertake creative workshops and showcasing them to the community.

Programs: Revit, Lumion, Photoshop, Illustrator



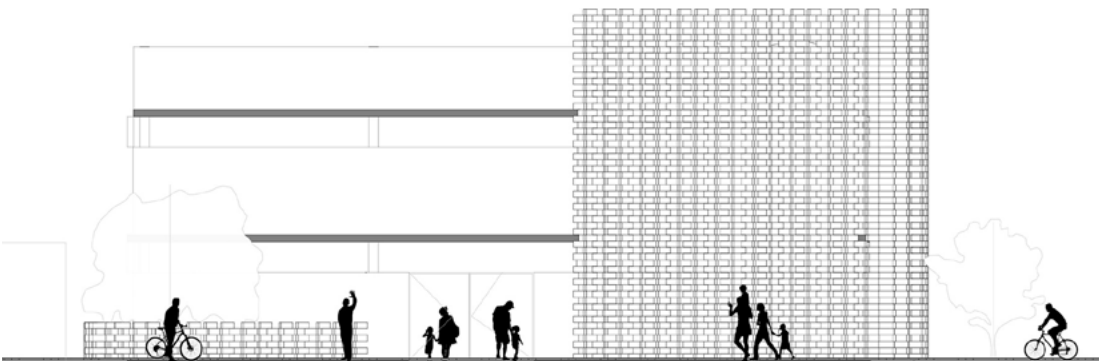
Site Plan, Clayworks

SCALE 1:200



Floor Plan, Ground Floor

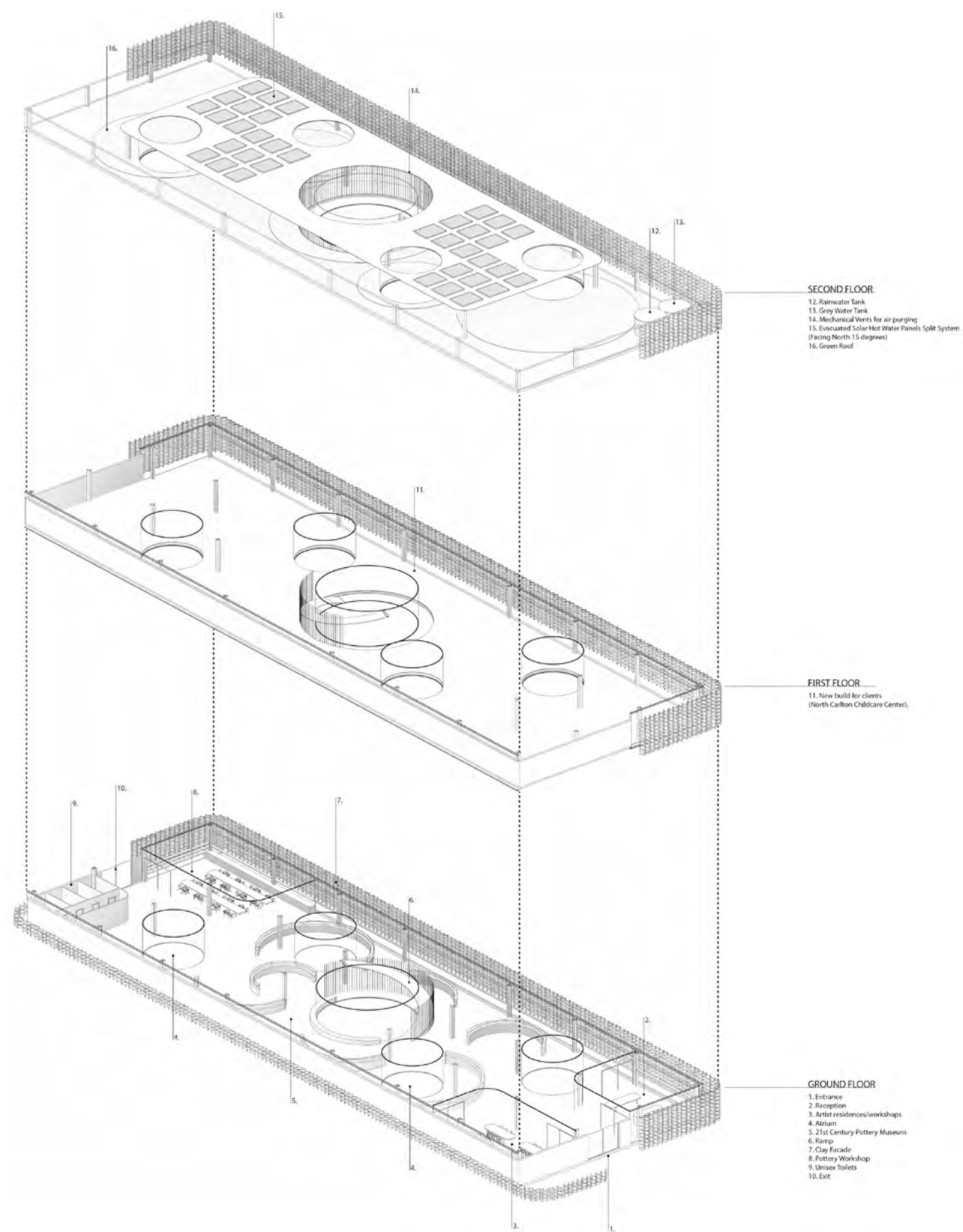
SCALE 1:200



Exterior Elevation, East

SCALE 1:100

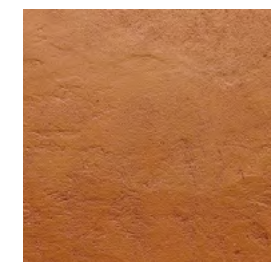
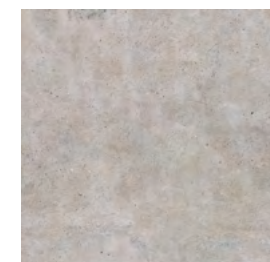
The clay brick facade provides shading and allows ventilation on the North. Lowered walls provide space for adjustable windows to assist with purging hot air out of the building.

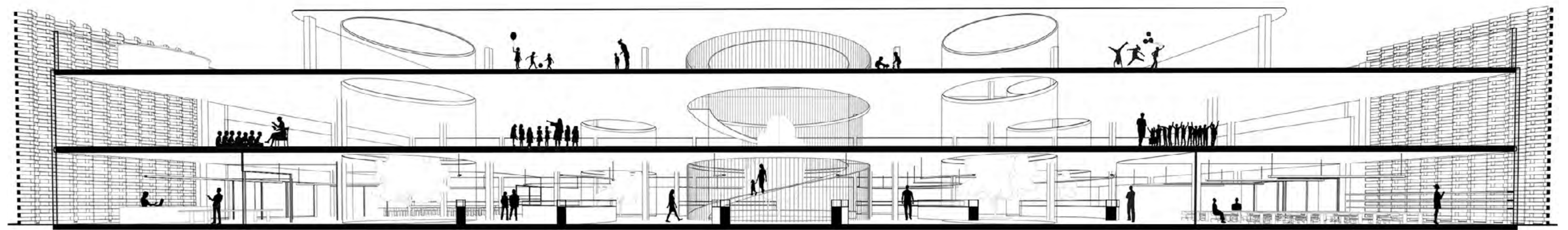


Axonometric, Clayworks Building

SCALE 1:100

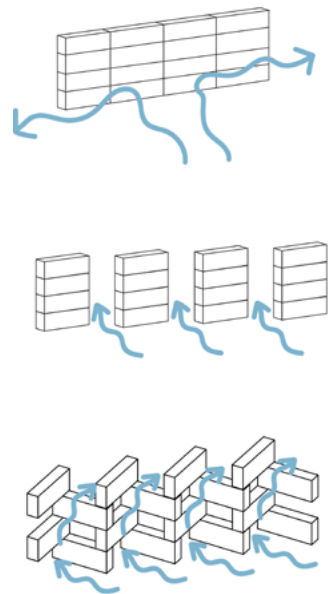
Materials were selected for the project to compliment the clay facade. Concrete has been used for its thermal mass qualities. Minimal materials were used to give focus to the works being showcased. Curved plinths have been used to assist movement and to provide visuals of displayed works from any angle.



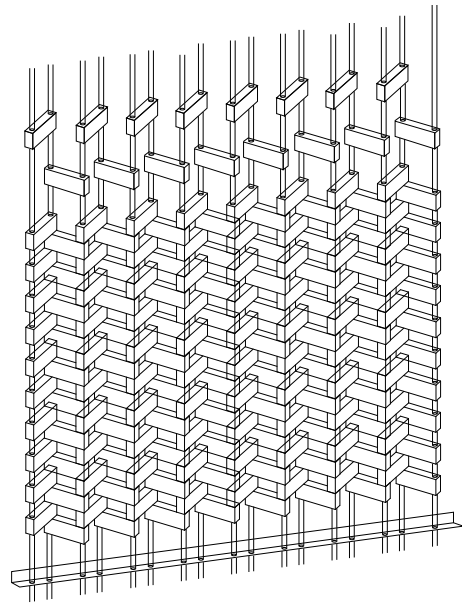


Sectional Perspective, Whole Building

SCALE 1:200

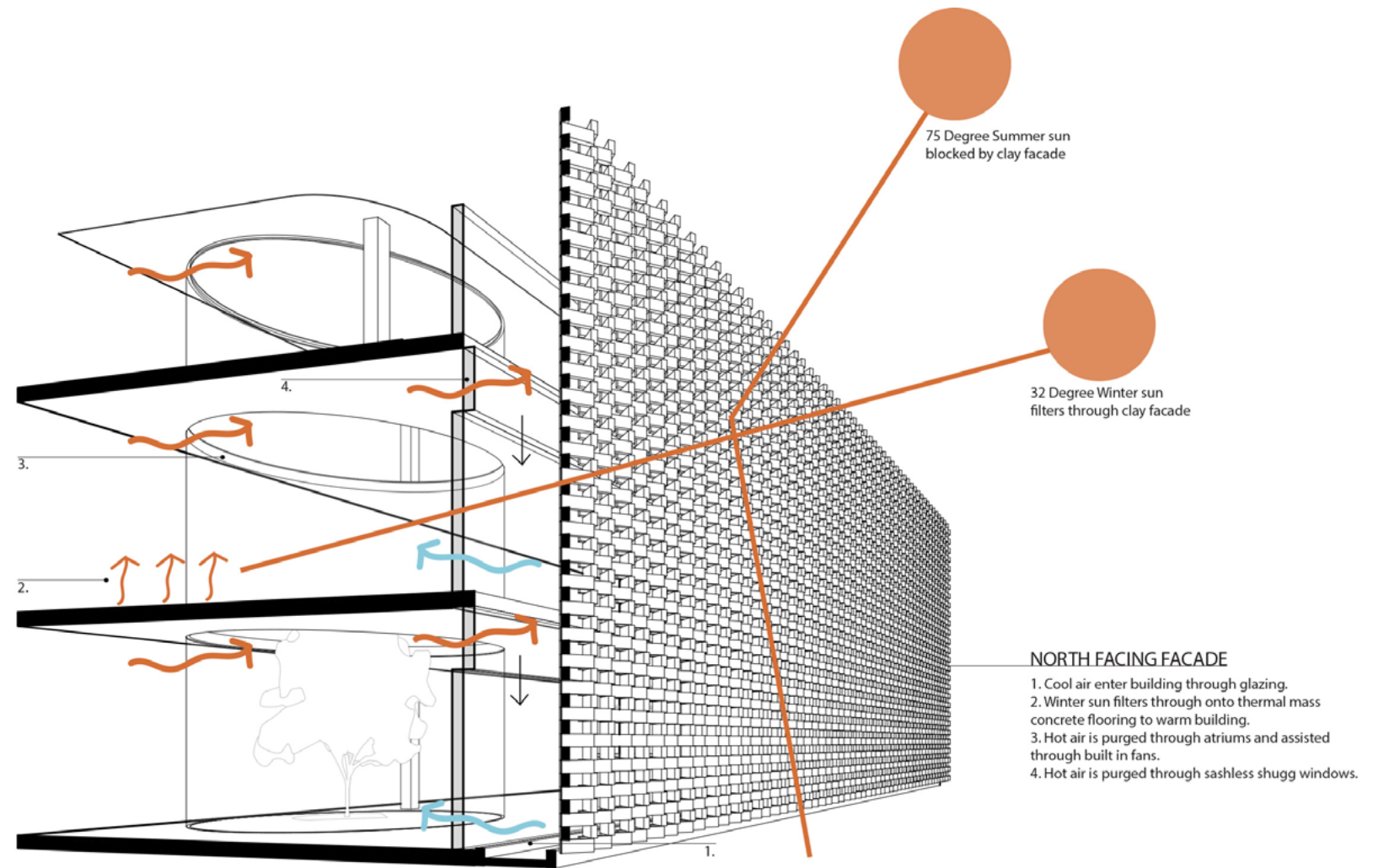


Facade Detail, Ventilation Studies



SCALE 1:5

Angled clay bricks that make up the facade. This allows for maximised ventilation and shading, as well as still letting natural light into the space. Bricks are held together through structural steel rods and beams that hold each brick to one another.



Facade Detail, North

SCALE 1:50



Interior Render, Clayworks



Interior Render, Clayworks

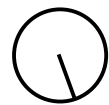


Exterior Render, Clayworks

Clayworks provides the Carlton North community with a passive solar designed creative space to come together and undertake workshops. This gives children a platform to learn and strive in a creative environment.

The Mills

Completed in 2021



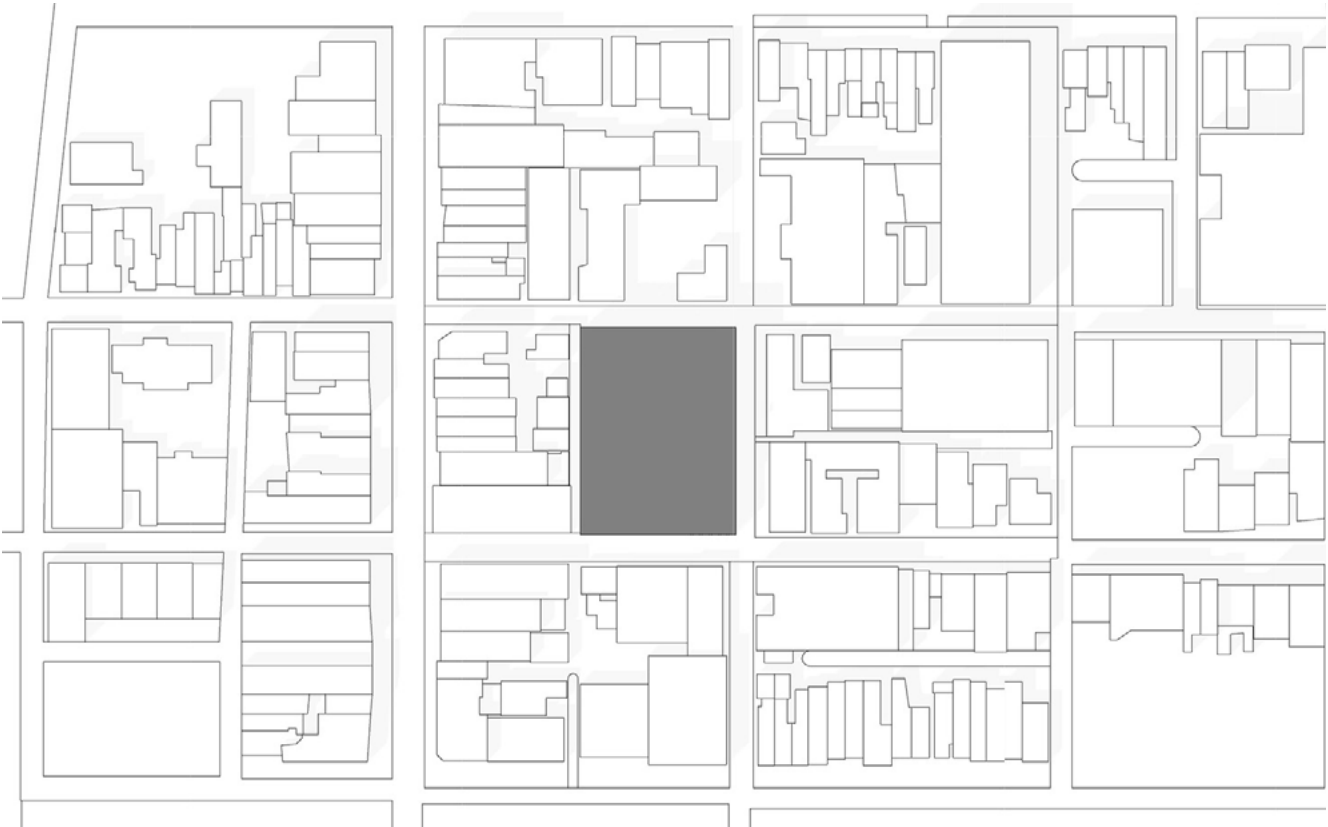
Site, 75 Rose Street, Fitzroy VIC 3065

The brief for this Capstone project was to explore either residential or commercial in response to Covid-19. This project was set for ten years into the future, and one where Covid-19 has changed the way we design and respond to future disease at home or in the community.

The site is located at the Fitzroy Mills, where currently the Fitzroy Mills Market runs every Saturday in a paid carpark. The site was previously a family owned wool mill, hence the name The Mills.

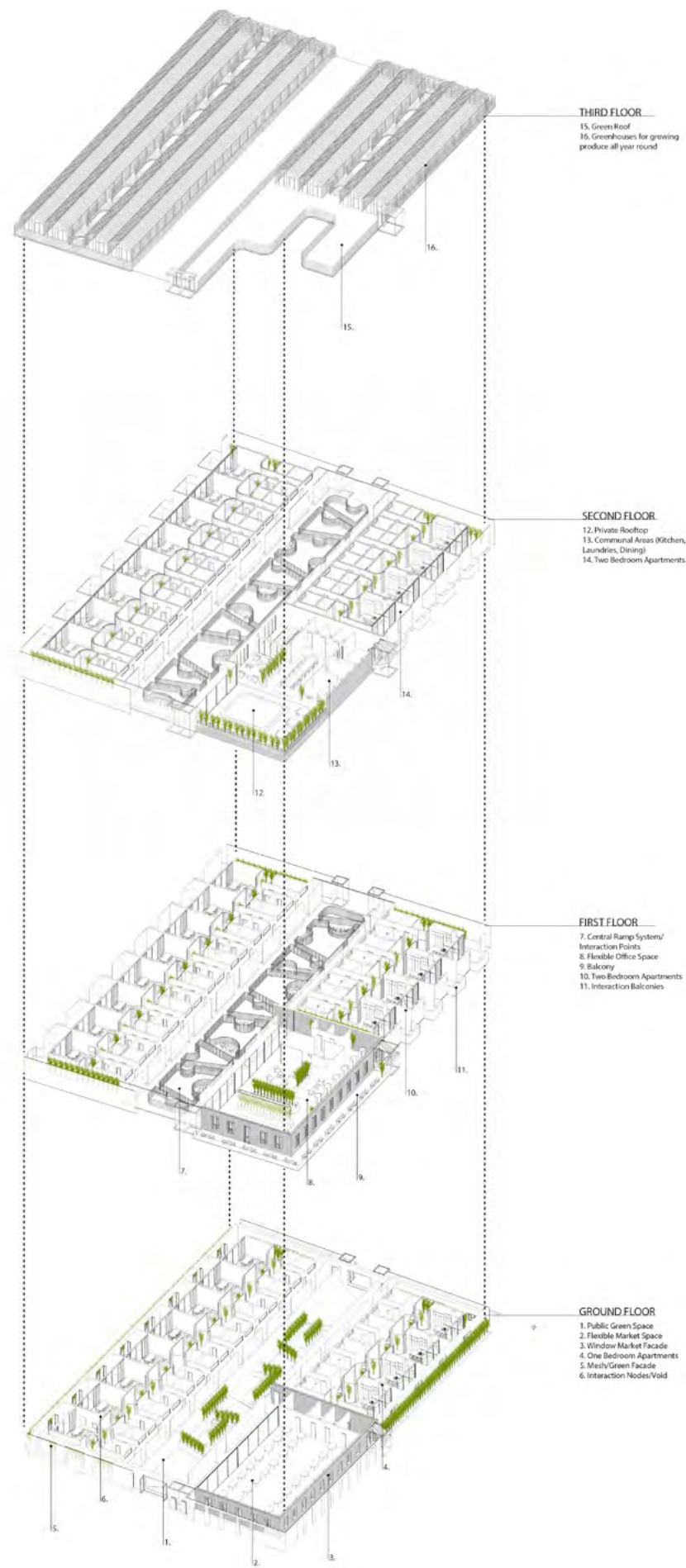
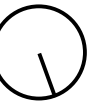
My design proposal was a multi-residential apartment building that aimed to facilitate and build connections and a sense of community between neighbours and the wider Fitzroy neighbourhood, in response to social isolation heightened by Covid-19, and addressing the general disconnect felt between neighbours in modern apartment buildings, impacting mental health and wellbeing.

Programs: Revit, Lumion, Photoshop, Illustrator

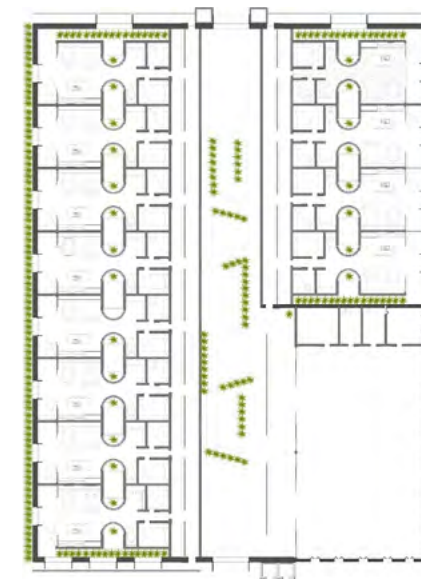


Site Plan, The Mills

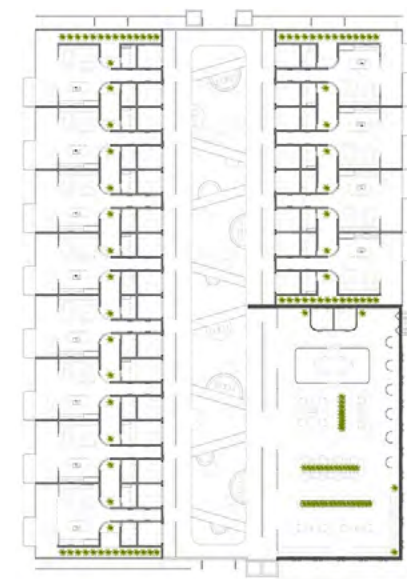
SCALE 1:200



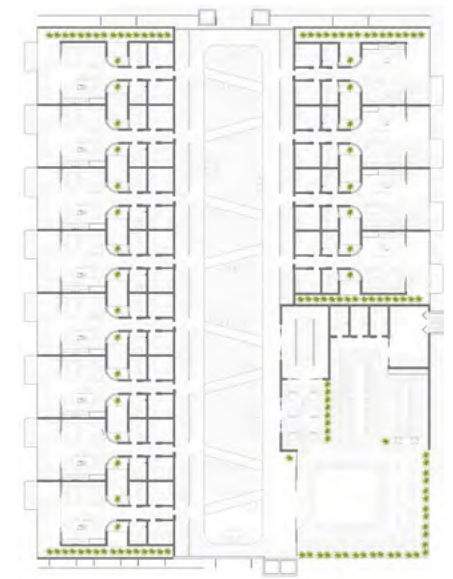
The existing structure was a single storey carpark and a double storey brick building. This is kept throughout the final design. All communal spaces are located in the double storey brick building, and the central ramp is extended throughout the entire building to create an interactive and dynamic thoroughfare for residents. All spaces have been designed around Covid-19 regulations through space considerations and ventilation.



Floor Plan, Ground Floor



Floor Plan, First Floor



Floor Plan, Second Floor

SCALE 1:200



Exterior Elevation, North

SCALE 1:100

Exterior Elevation, East

SCALE 1:100

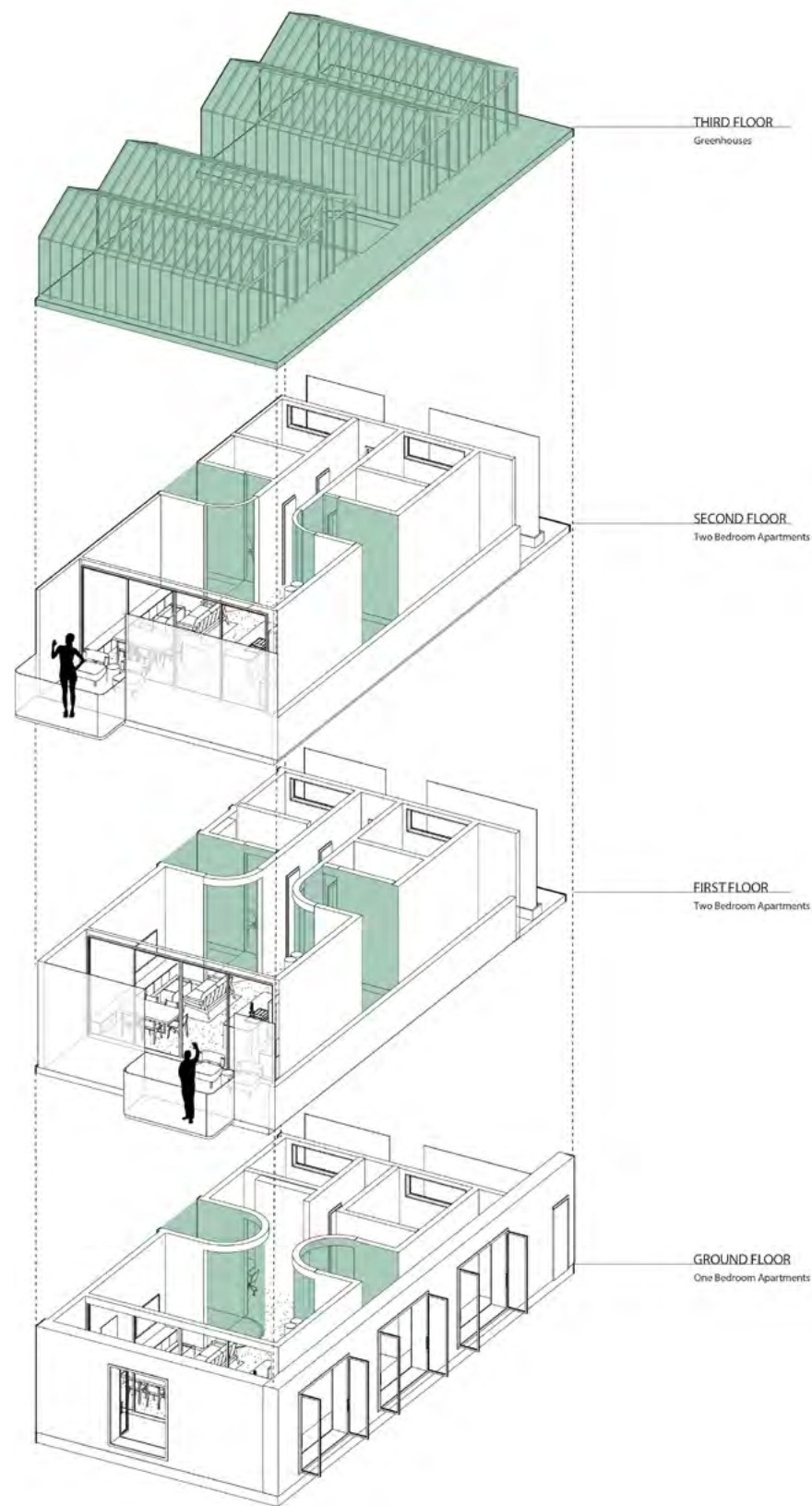
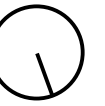


Exterior Elevation, South

SCALE 1:100

Exterior Elevation, West

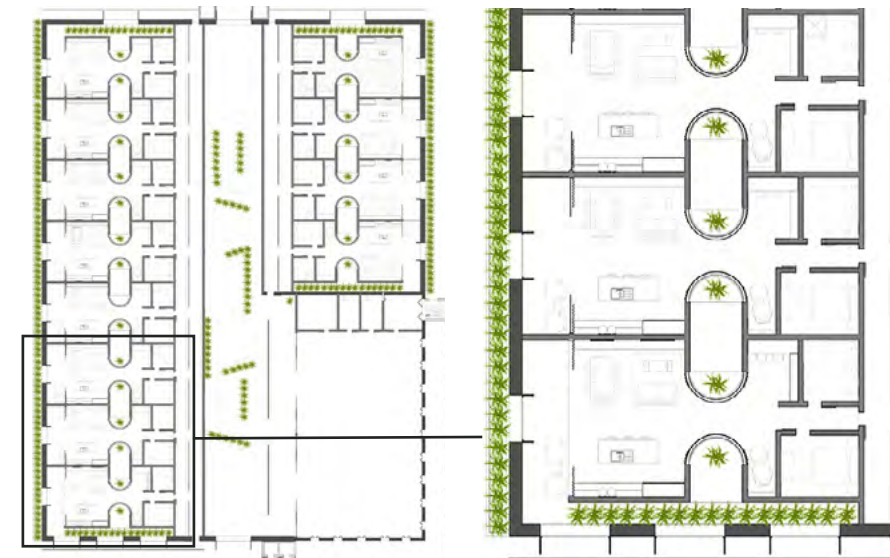
SCALE 1:100



Axonometric, Apartment Void Green Space

SCALE 1:100

Apartments have been connected through void green space. This provides natural light, ventilation and interaction points for next door neighbours. Alternating balconies provide further opportunities for neighbour connections.



Floor Plan, One Bedroom Apartments

SCALE 1:100



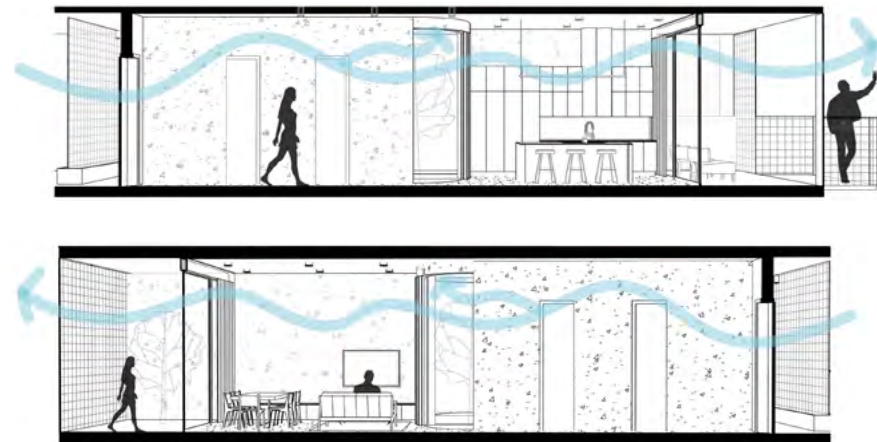
Floor Plan, Two Bedroom Apartments

SCALE 1:100



Ventilation Diagram, One Bedroom Apartment

SCALE 1:100



Ventilation Diagram, Two Bedroom Apartment

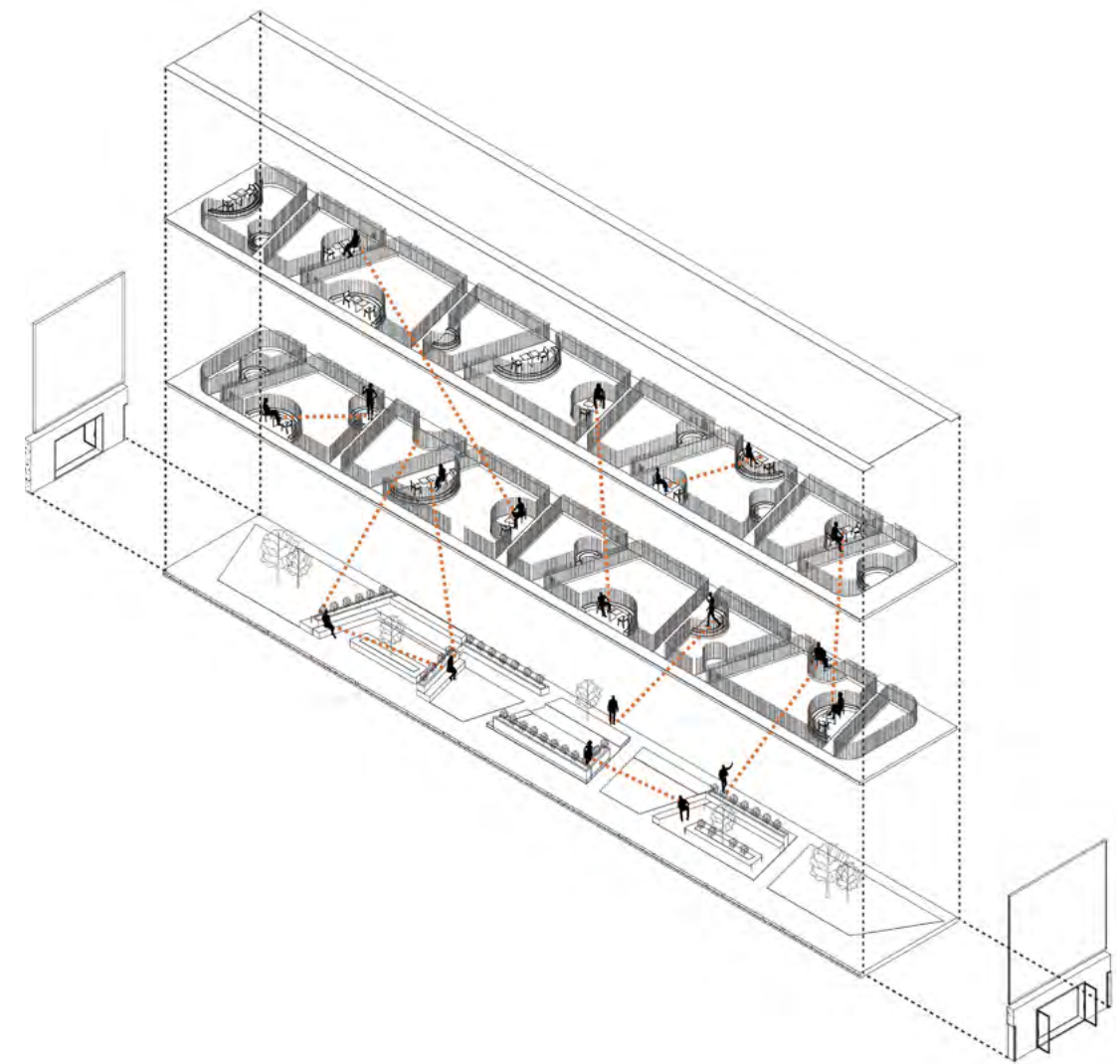
SCALE 1:100



Interior Render, Apartment



Interior Render, Central Void/Ramp System

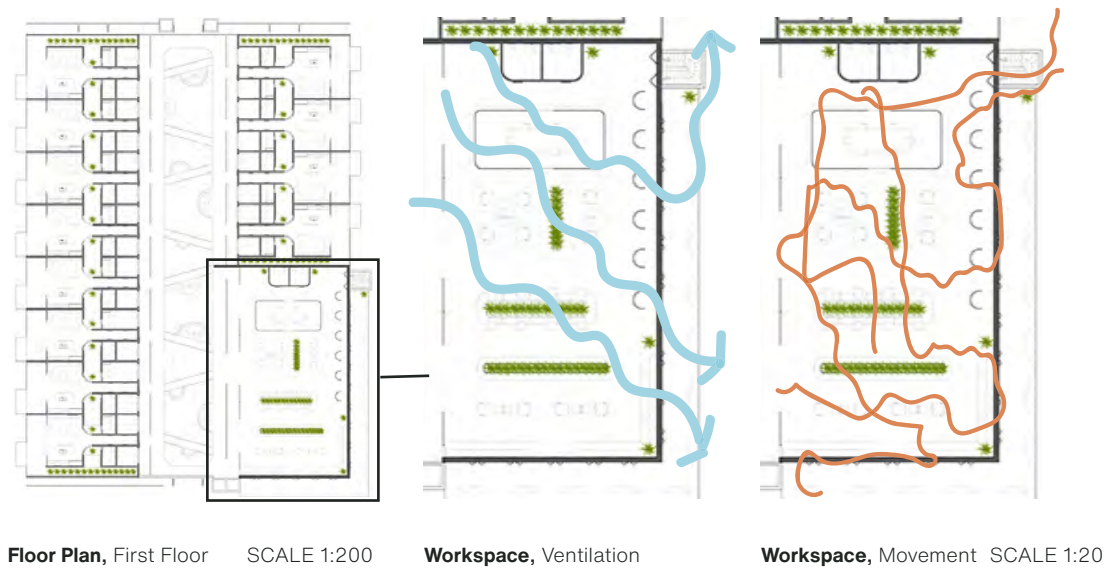
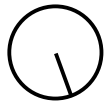


Axonometric, Central Void/Ramp System

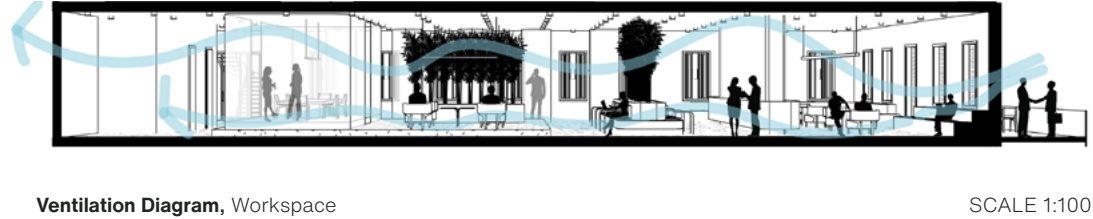
SCALE 1:100

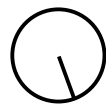
Ground floor public green space runs through the centre of the building.

The central void provides opportunities for daily neighbour interaction. something not usually provided in apartment buildings.



Covid-19 has changed our work schedules and the demand for flexible work space is important. Ventilation and 1.5m spacing has been implemented for safety. Operable windows, mesh materials and air filtration plants allow for a safe work environment.





Outdoor communal areas for gathering and dining provide opportunities for casual interaction. Shared laundries, kitchen space and meet up areas have been included in this space. Lowered walls assist ventilation in communal under cover areas.

Floor Plan, Second Floor SCALE 1:200

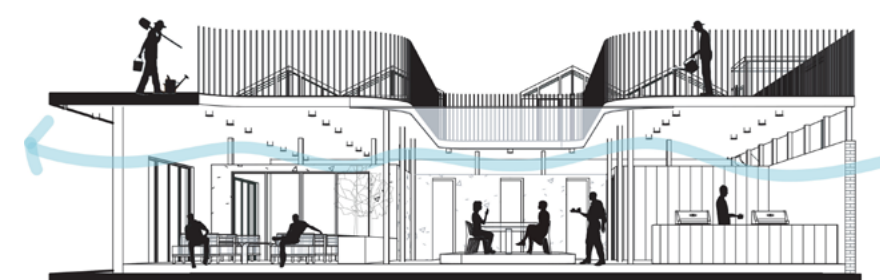
Rooftop, Ventilation

Rooftop, Movement

SCALE 1:20

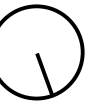


Exterior Render, Private Rooftop



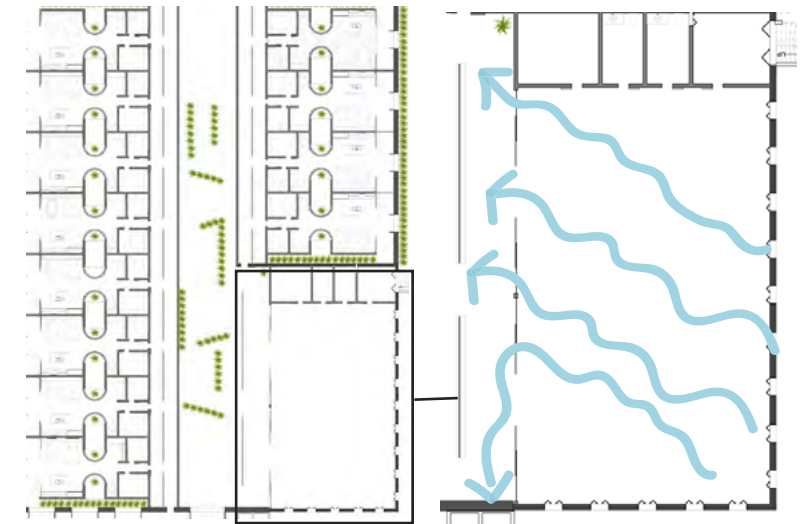
Ventilation Diagram, Rooftop

SCALE 1:100

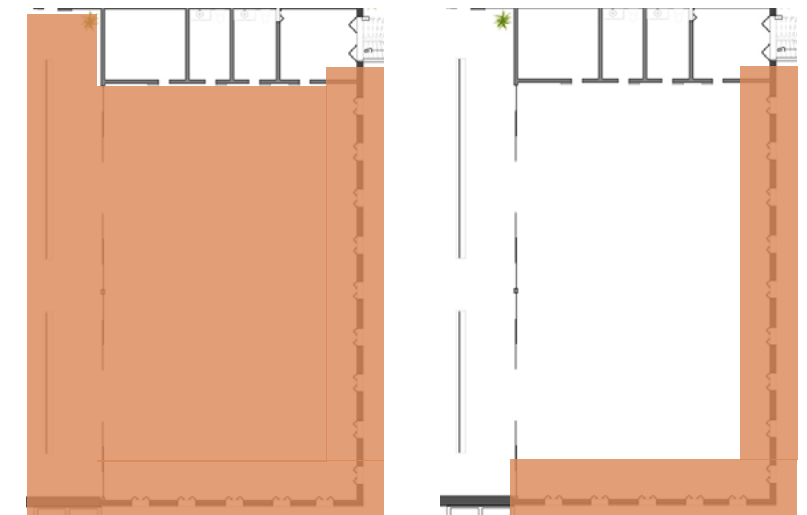


Exterior Render, The Market

The flexible market space for The Fitzroy Mills Market has been provided on the ground floor of the existing brick building. Covid-19 regulations have been considered and used through operable windows, as an open air 'window market' during lockdowns or restrictions. This market utilises the street, as future predictions of Fitzroy focus on pedestrian and bike access, rather than cars.



Ground Floor, The Market SCALE 1:200 The Market, Ventilation



The Market, Normal Access The Market, Restricted Access SCALE 1:20



Exterior Renders, The Mills

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Portfolio

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