

Permitted Development

“People have a yearning for a public space that they can find peace and comfort in as they replicate certain elements you would typically find or feel in a home, in order to escape their living situations and lack of privacy within their household.”

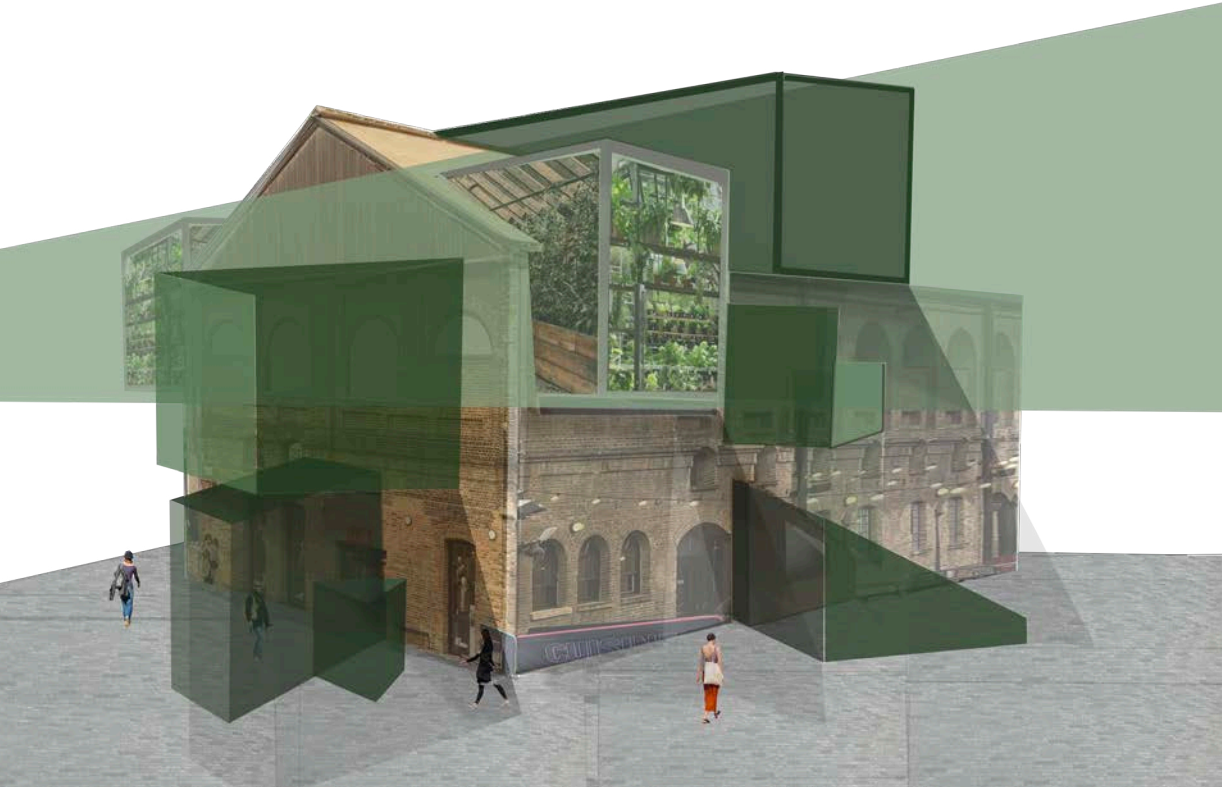
a sentence from my research writing journal.

Introduction

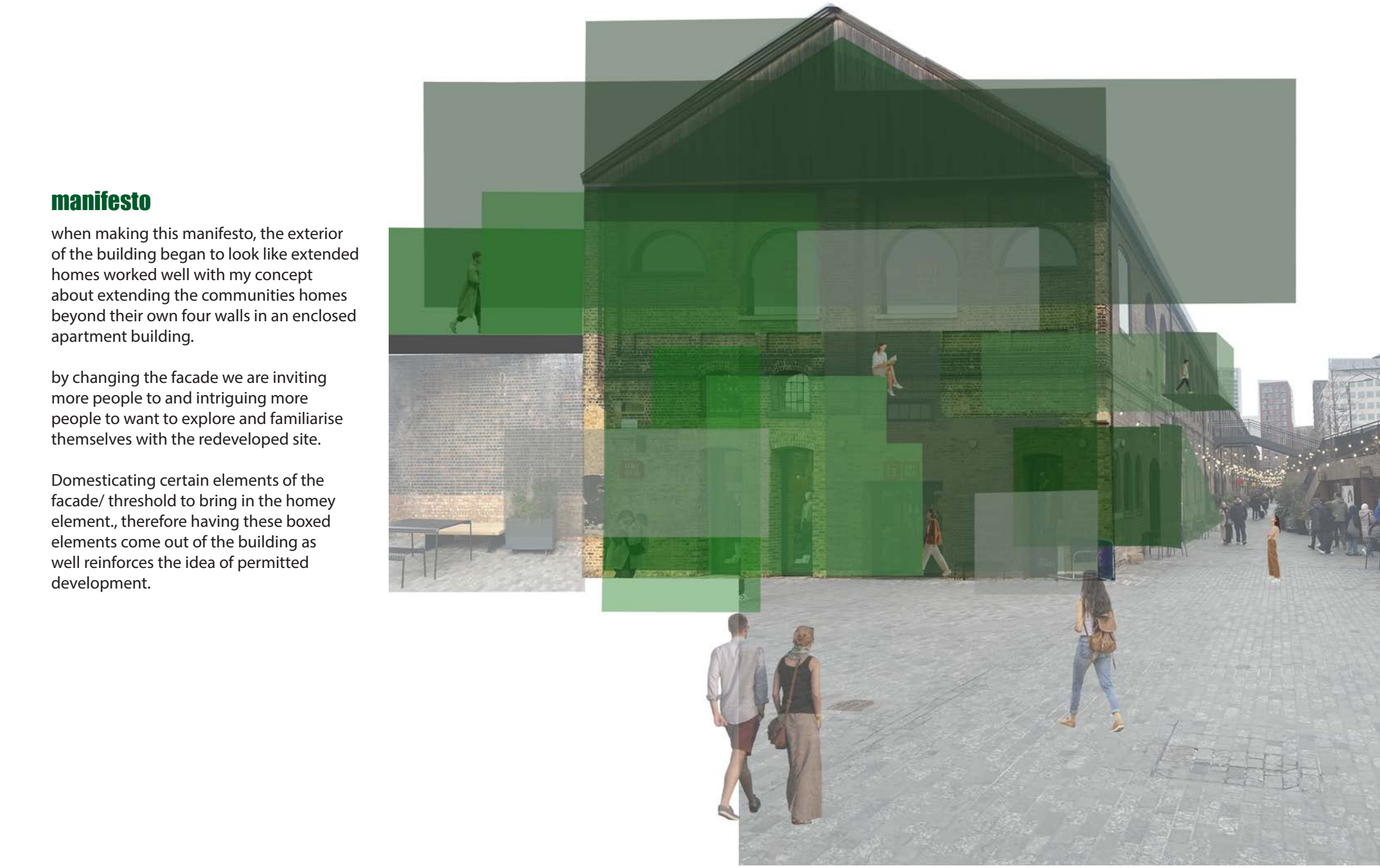
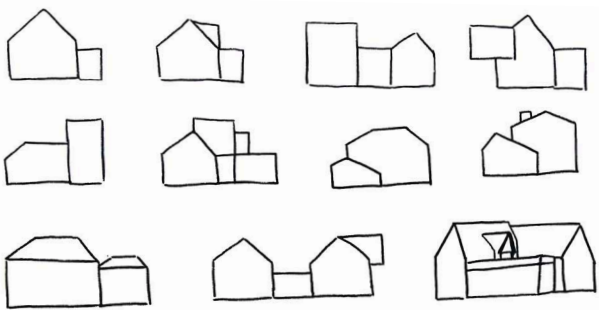
this project stems from the issue of overcrowding which i looked into when working with st marys church on developing a space that targets this concern. I brought that focus into this project as a way of dealing with this issue within the community by offering more alternative spaces for the locals.

the project with st marys church addressed the urban stress within somers town by offering the community a quiet space for personal study or work and also a unique approach to therapy in a confessional-like box where you're able to openly talk about your worries and concerns. However this is a pressing issue that goes beyond Somers Town and is something that needs to be prioritised and acknowledged to the best of our abilities. Therefore, as a designer I came up with An permitted development as a project concept that begins to understand what it is that is missing from the homes of people in this community due to the lack of space and restriction of the suburban qualities people yearn to have.

here, the local community will be offered with a space that resembles the essence of a home with these pockets of rooms that will be filled with their personal items they've decided to donate as well as providing the chance for them to learn new skills such as gardening and growing plants which will directly support the community. This supports the community as it provides freshly harvested crops as well as pro bono work that will allow people to rent these rooms if they cannot afford it. Therefore by design targets the issue of overcrowding through domesticating these alternative spaces to feel like a home outside of their homes whilst also introducing greenspaces that the locals may feel is lacking in this urban areas.



a site map of coals drop yard



manifesto

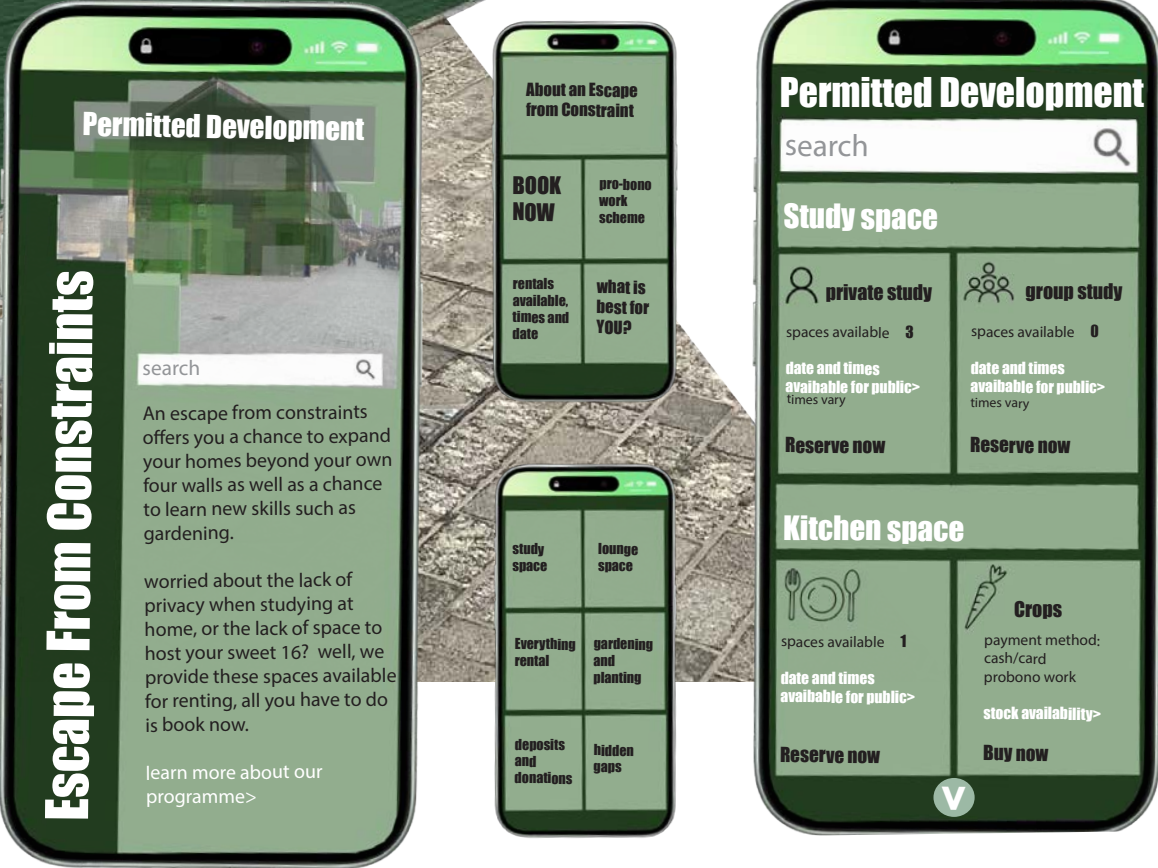
when making this manifesto, the exterior of the building began to look like extended homes worked well with my concept about extending the communities homes beyond their own four walls in an enclosed apartment building.

by changing the facade we are inviting more people to and intriguing more people to want to explore and familiarise themselves with the redeveloped site.

Domesticating certain elements of the facade/ threshold to bring in the homey element., therefore having these boxed elements come out of the building as well reinforces the idea of permitted development.



Booking Method- through the use of an App



Users



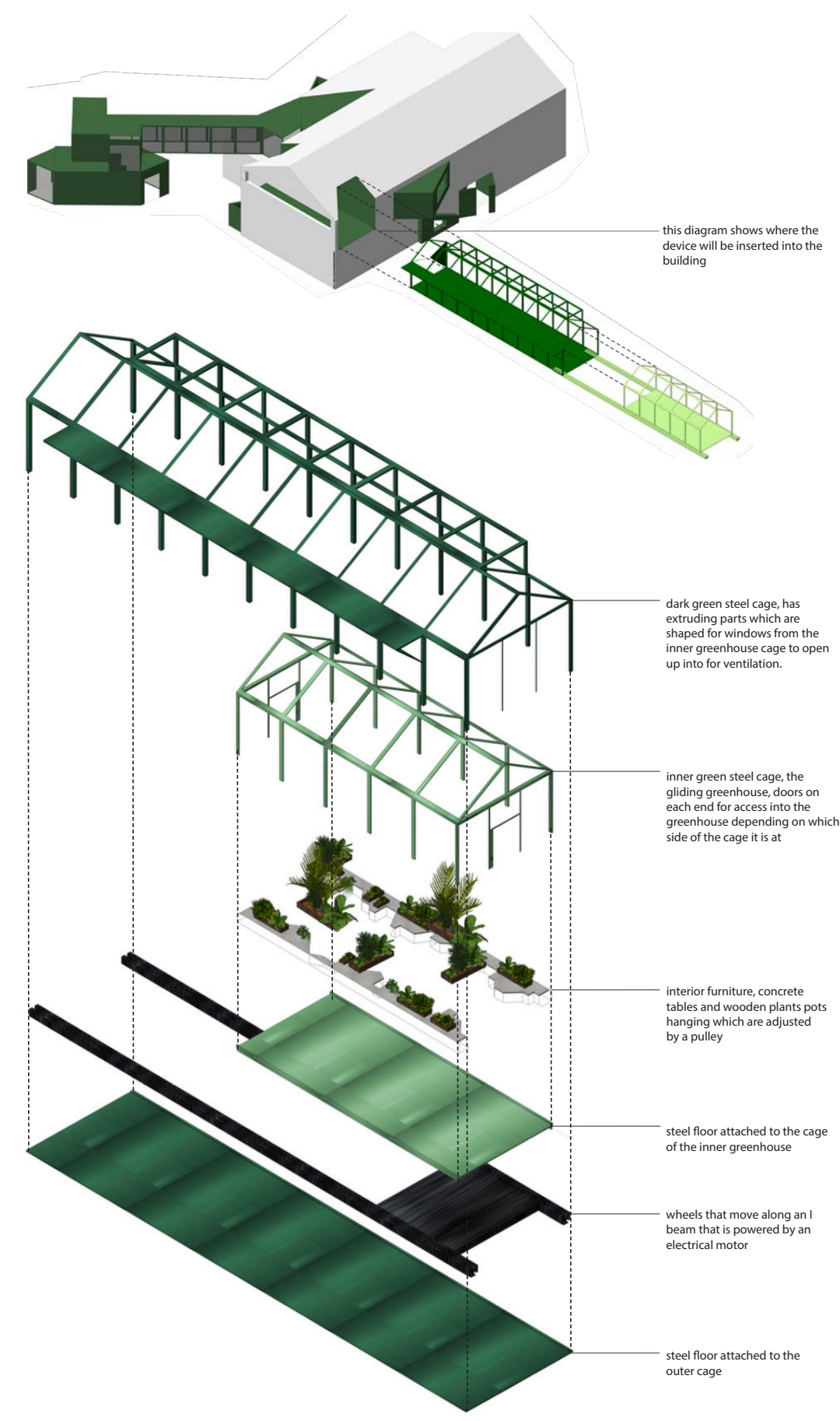
Harry is a 81 year old man who used to live in scotland the majority of his life, he moved to london 30 years ago for business. He enjoyed gardening and growing fresh crops in his farm back in scotland, due to the lack living in an apartment building he is unable to grow his won crops. He is excited to finally be able to do some gardening in the new local greenhouses.

Emma is an A levels student and has her upcoming exams, she livings in a small flat with her mum dad and two sisters, she finds it hard to concentrate on her revision. She is relieved to find out she is able to rent a room where she can study with no distractions and complete peace.

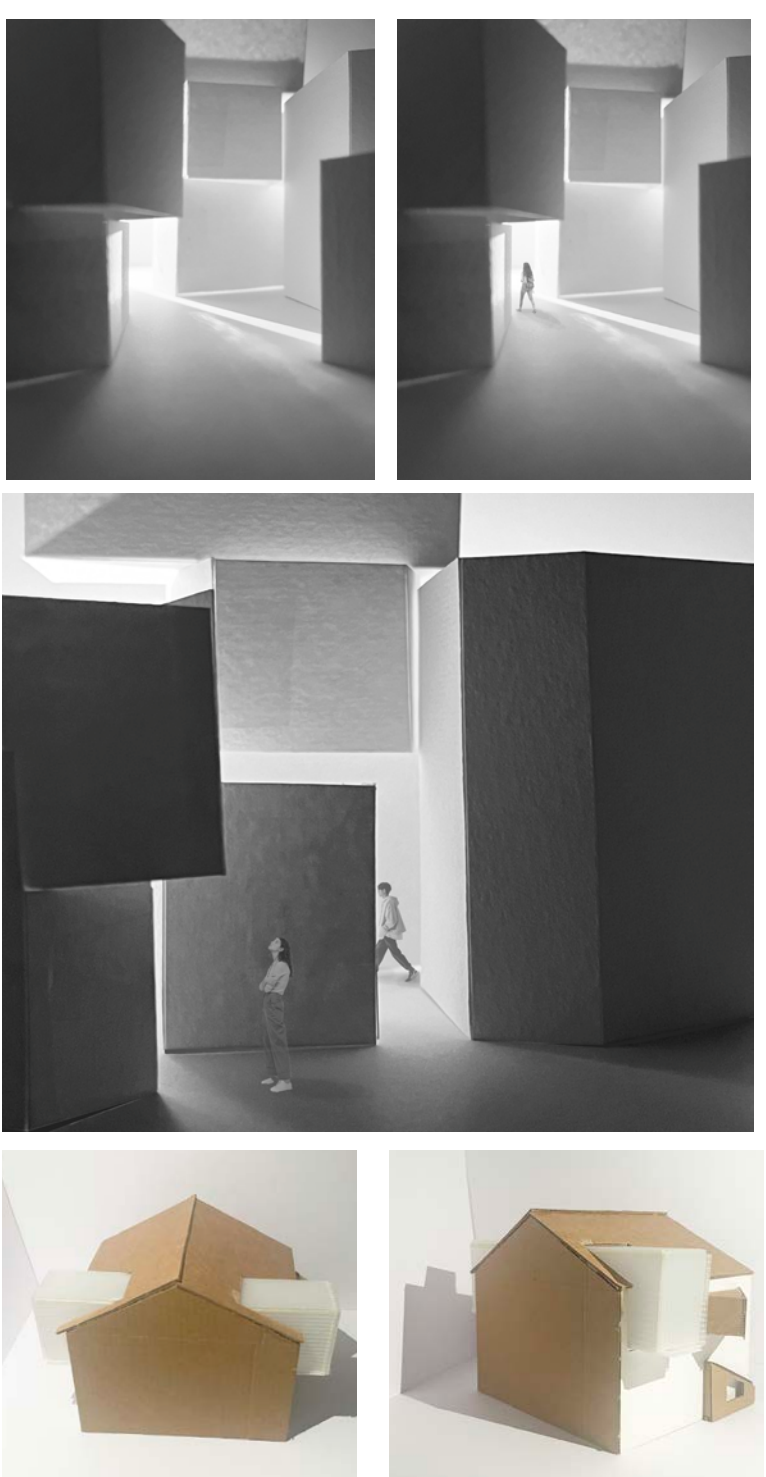
Mark is a chef and a father of two, he would love to bake with his children as a way of bonding with them however had a small kitchen. He is eager to reserve a kitchen space so he is finally able to have this bonding experience with hsi children in a comfortable spacious kitchen.

Rachel and Amanda have just been graduated masters in design and architecure, they're really enthusiastic about hosting a dinner with all their family and friends to celebrate this moment. They're quick to book a large kitchen space where they're able to prepare and comfortably enjoy a large dinner.

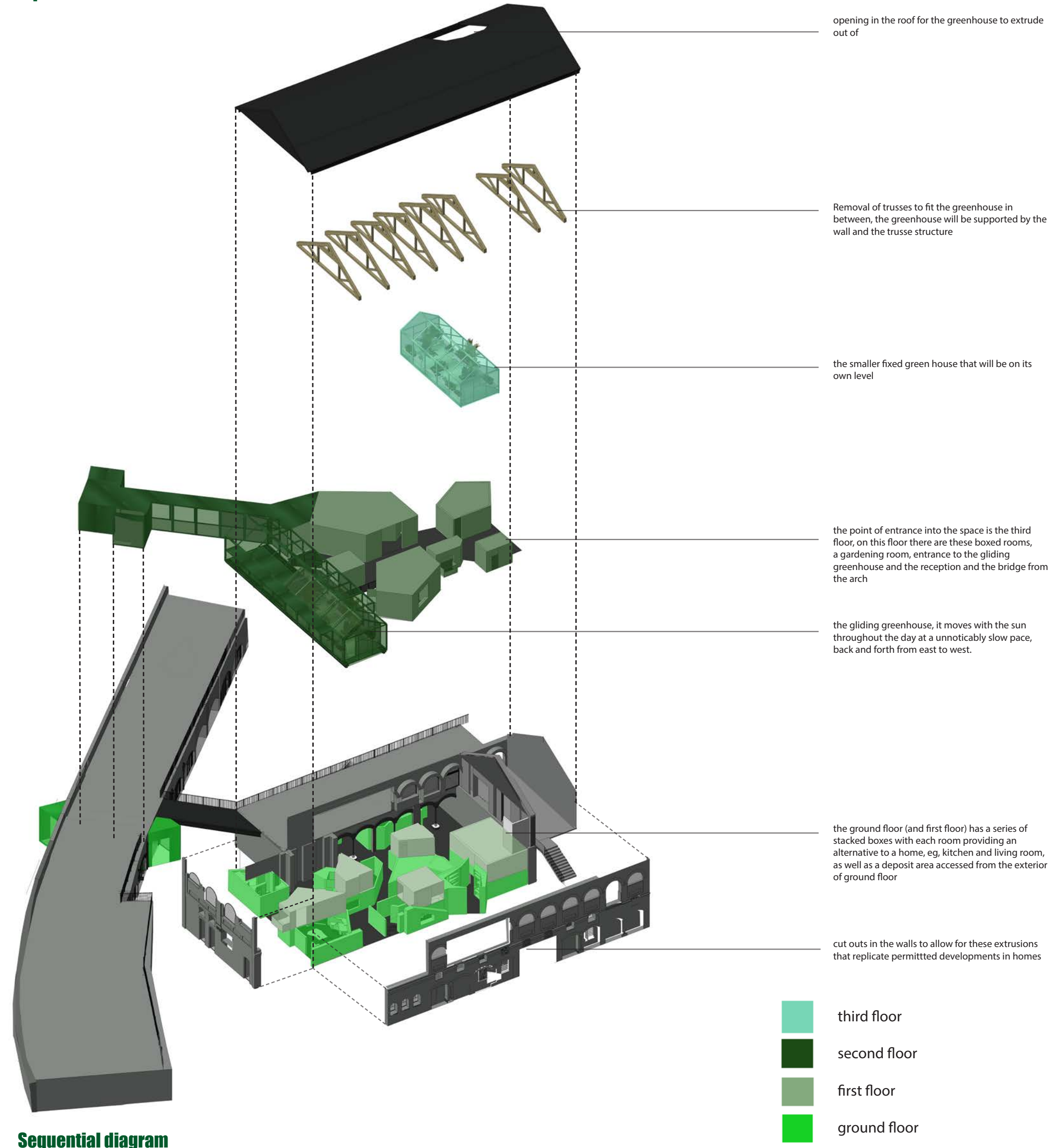
Axonometric diagram of detail device



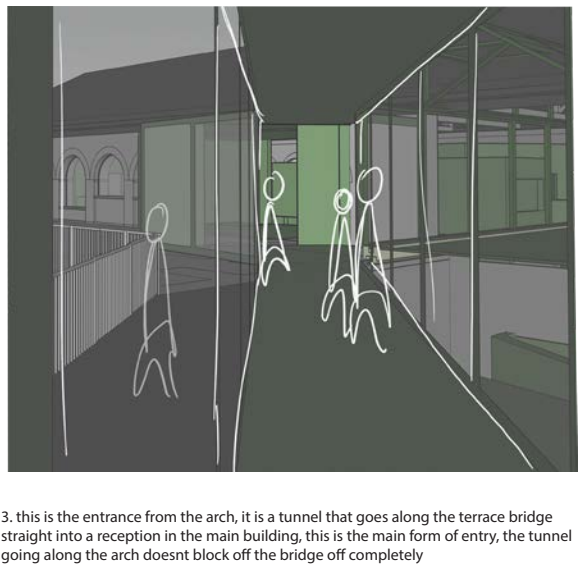
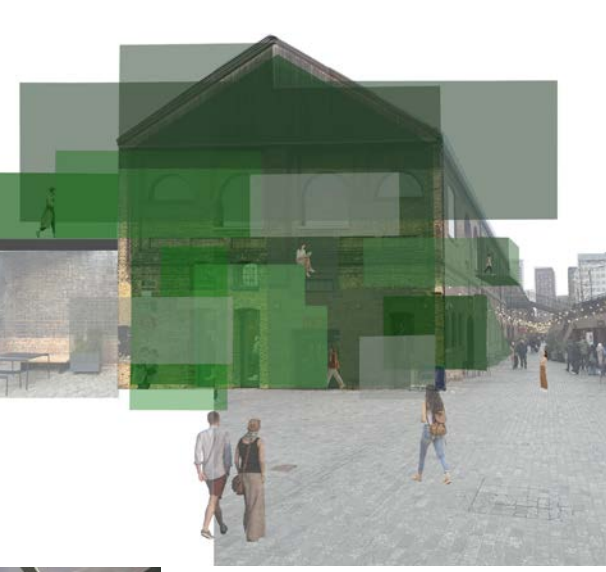
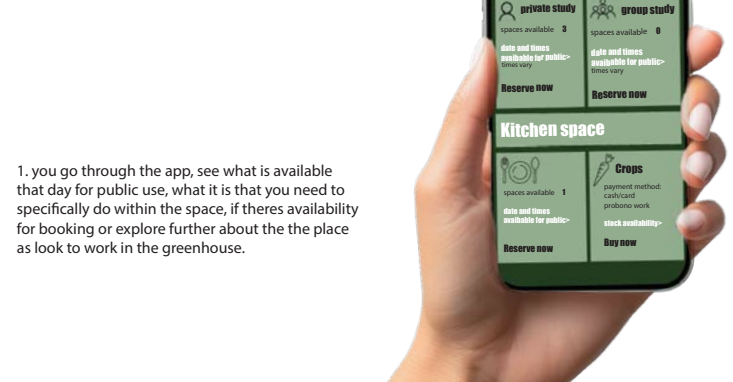
Permitted development- Maquette Model



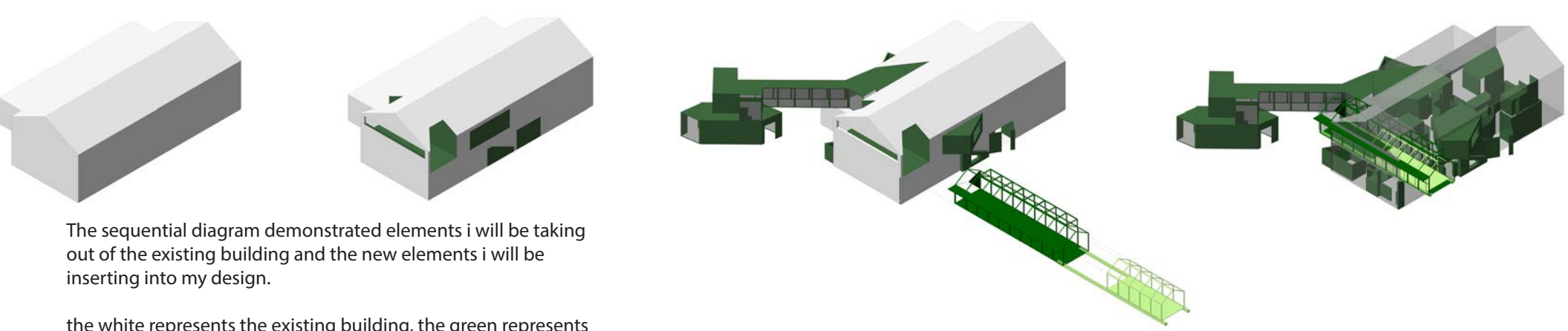
Exploded axonometric



Story board



Sequential diagram



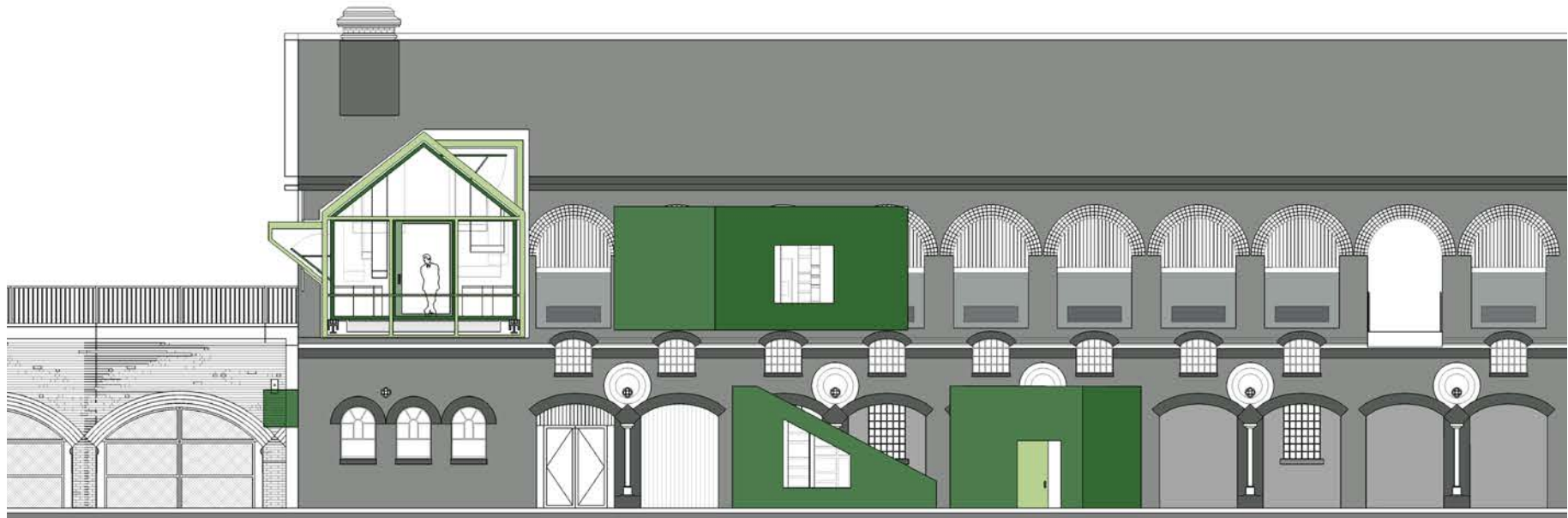
Orthographic drawings



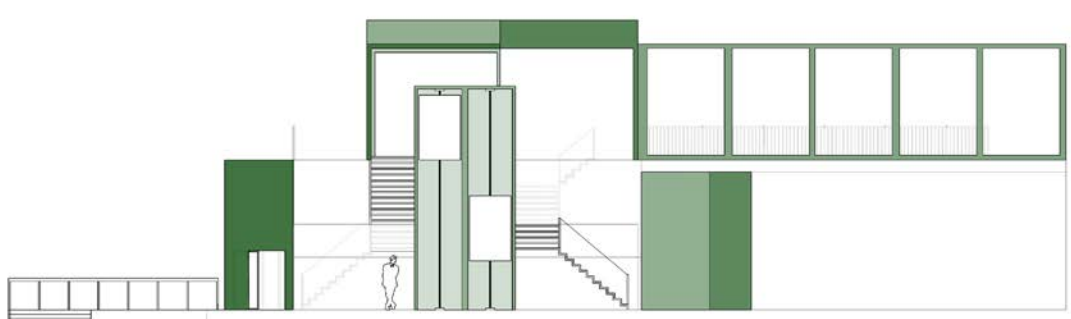
front elevation



section AA



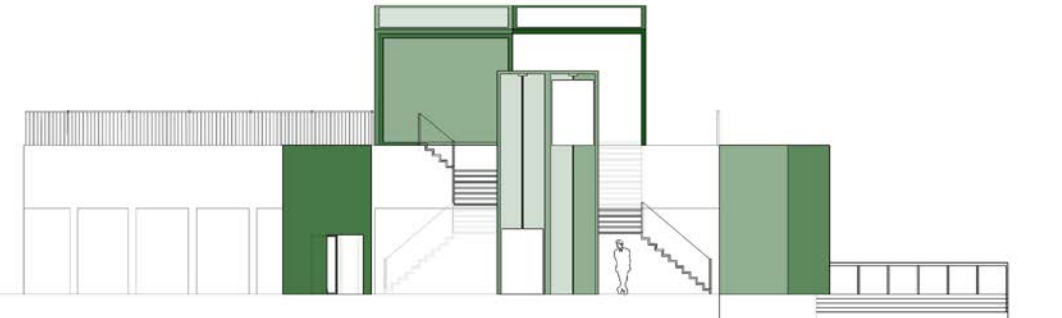
east elevation



long section with the bridge



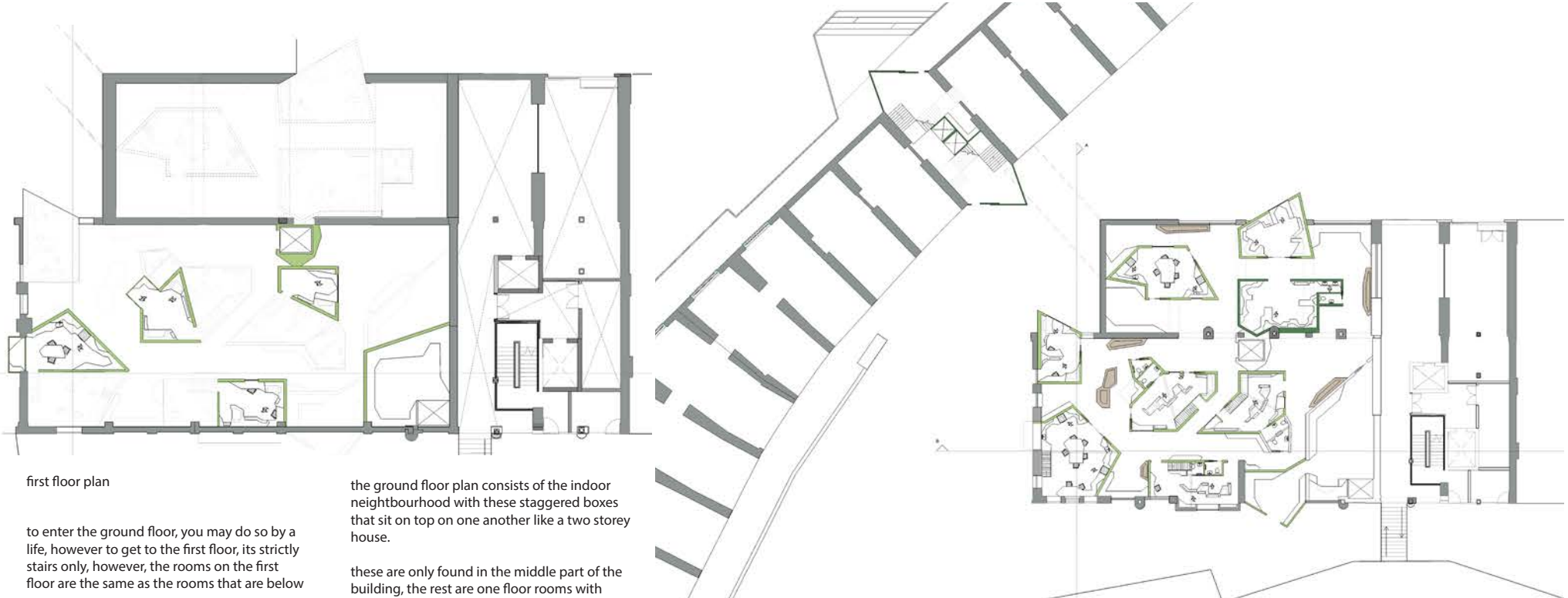
front elevation of arch



long section

The arch will be the main form of entrance. It is a way of connecting two different communities, the canal community and the coals drop yard community as people can enter from the side of the canal or the side at coals drop yard.

There will be a tunnel that takes you straight from the arch to the main building using part of the terrace bridge, but not completely blocking it off for this purpose. This allows people who are not using the site to still use the bridge to go from the terrace to coals drop yard.



first floor plan

to enter the ground floor, you may do so by a life, however to get to the first floor, its strictly stairs only, however, the rooms on the first floor are the same as the rooms that are below

there are balconys on couple of the first floor rooms and the second floor rooms overlooking the space below

the ground floor plan consists of the indoor neighbourhood with these staggered boxes that sit on top on one another like a two storey house.

these are only found in the middle part of the building, the rest are one floor rooms with ceilings up to 3 meters.

theres seating and greenery dotted around the interior
the main materiality used in the site is oak, wood, concrete, steel, glass and bricks

ground floor plan

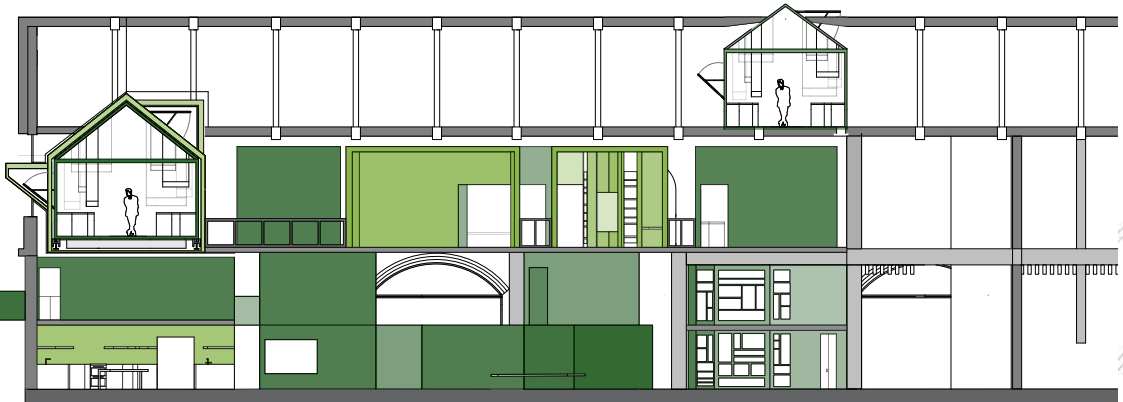
i added these geometric shaped furniture which have displays and shelving for the items brought in my the community through the deposit as well as hidden reading nooks embedded within them, these are found in the rooms class as living rooms or bed rooms.

the distinction between whats a bed room and whats a living room is that bedroom has desks and more private seating.

the livingroom however had communal, grouped seating and a more open space.

the kitchen shares a communal dining table and offers freshlt harvested crops made in the greenhouses above.

the planting room/ garden is where people can come and take part in the pro bono work or just plant as a hobby to help the community.



section BB

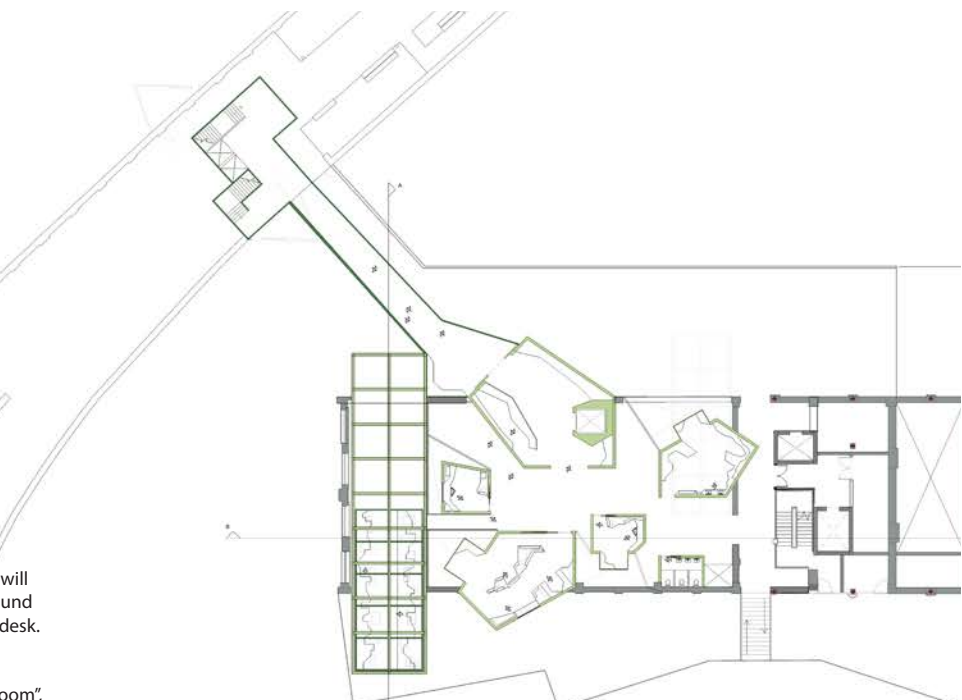
the circulation of this site starts from the second floor where u can enter upon 3 entries, the main being the arch leading down the tunnel, then there is the back of the building where u may use the stairs or a lift to get to the second floor or walk in from the terrace level.

on this floor you will find the main element of my project, the gliding greenhouse, this greenhouse is caged in a structure that allows it to glide from one end of the building to the other as the sun moves throughout the day, it penetrated the walls of the front elevation and sticks out the side walls too.

it canilvers more over to one side of the building and reaches out for the terrace opposite.

the main lobby where people enter from will have a lift thatll take you down to the ground floor, and a waiting area anf a receptions desk.

the 4 rooms around this floor are more alternative spaces with one large "living room", two small "bedrooms" and a "garden"



second floor plan



For people who suffer with disability, my project provides access through lifts around the site making it possible to visit all the spaces provided so that they are not missing out on any of the experiences my design has to offer

The only space that is unacceptable to the disabled is the first floor as these are secluded within these boxes and are taken up there by stairs however the same experience you were getting the first floor yard also get the ground floor therefore this takes into consideration people with disabilities.



My design works with the community by including the activity of planting to help look after the community aesthetically through keeping the plants fresh whilst also taking care of their mental wellbeing by providing them with this activity that can improve mood, which they may be missing out on in an urban city.

It also offers an escape from small (spaces) homes, helps with mental health and wellbeing by expanding their "homes" beyond their homes if their lack of privacy or constrained apartments ever caused them distressed by feeling trapped.

Sectional model

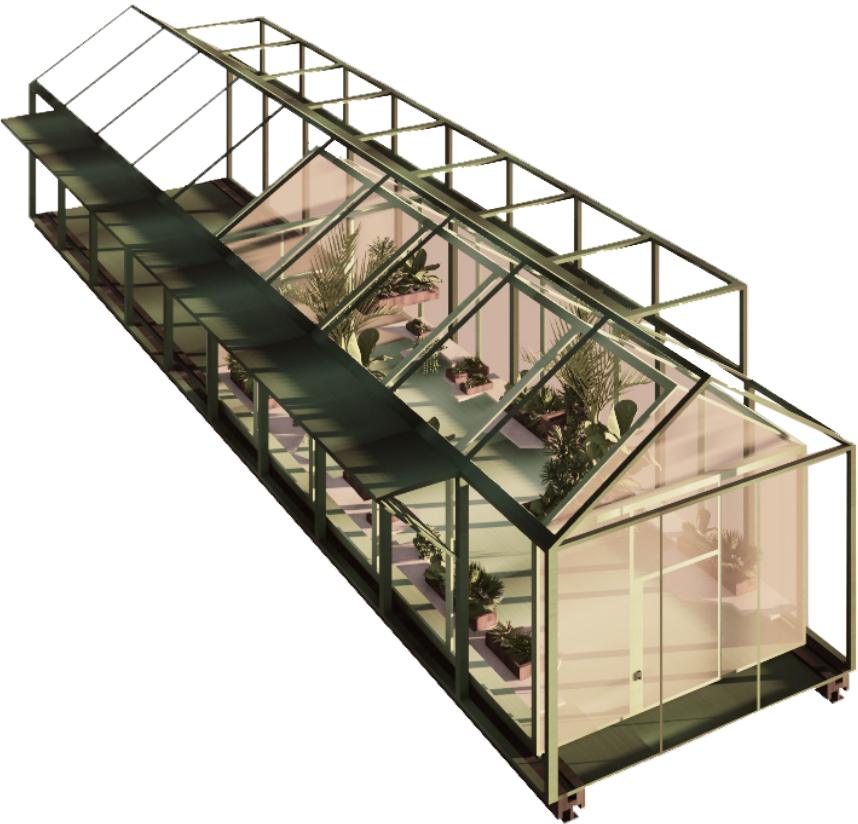
The Gliding Greenhouse is a key element of my project where the transition of the greenhouse from one side of the building to the other takes place throughout the day.

This sectional model represents the movement of the greenhouse and the structural impact it has on the existing building. it helps communicate the length of the greenhouse cage structure and how it cantilevers from one side of the building across to the other side, where one side cantilevers further out. By having the greenhouse extrude out of the building it resembles the permitted development style of housing in an abstract way which directly links to the target issue for my project being overcrowding and the availability of alternative spaces and doing this by creating a space that has this sense of home.

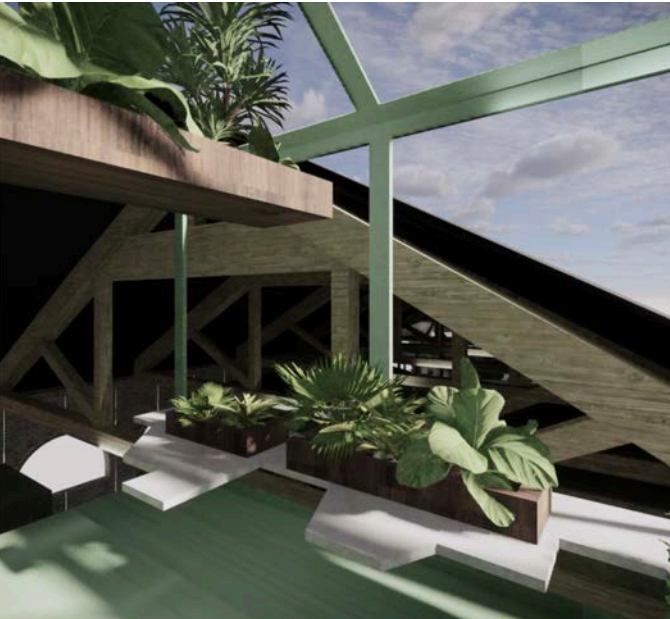
Materiality represented in model

-The greenhouse cage structure will be made of a green steel structure and glass glazing surrounding the inner greenhouse structure

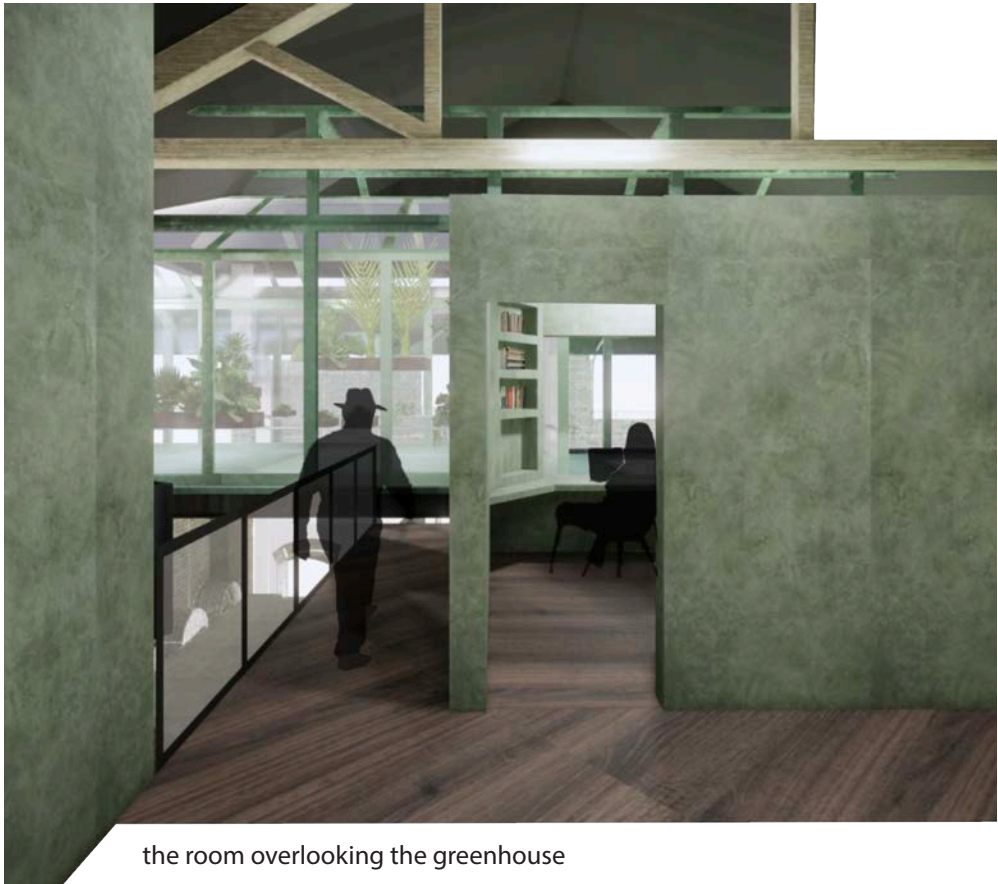
-The extruding elements that change the existing structure of the building and the interior walls of the room with the balcony that sit below the greenhouse will be made of sage green concrete walls and a wooden oak flooring



visualisation of the detail device i modelled in my sectional model



hero section



the room overlooking the greenhouse



Raises awareness to the community about overcrowding issues by offering this alternative space. gaining knowledge and skills with growing/ gardening which people may lack due to not having their own personal greenspace (garden). providing greenspace and counteracts the issue of the loss of vegetation through growing crops.



The way in which my design targets zero hunger is by provided in kitchen where people were able to come and cook. The aim of this SDG is to achieve food security and improve nutrition and promotes sustainable agriculture. My design achieves this as the community are able to come in for the purpose of need in the kitchen as well as being supplied with fresh crops from the greenhouse if necessary.



As a part of the SDG, no poverty, we must work on developing projects that engage the local community and help weak and poor citizens gain ownership to the built environment of which they are a part of

One way in which this SDG is carried out is through the use of inexpensive materials such as wood and concrete it increases sustainability as well as using inexpensive materials within my design targets, no poverty

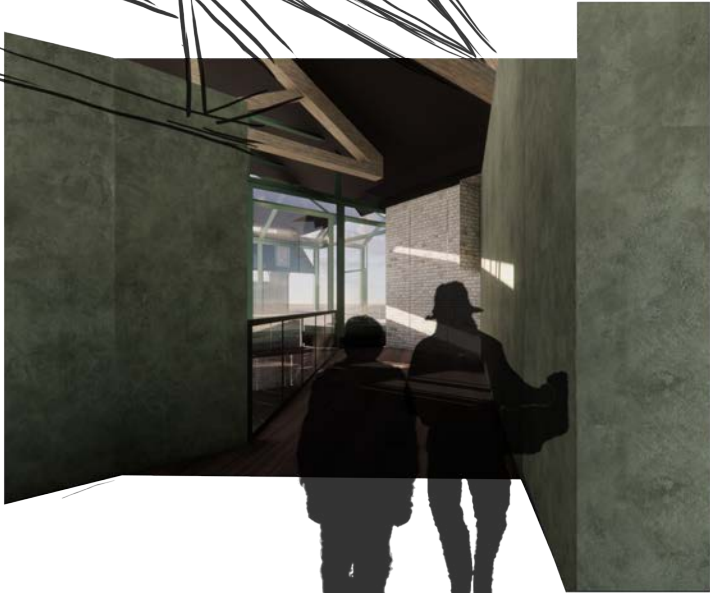
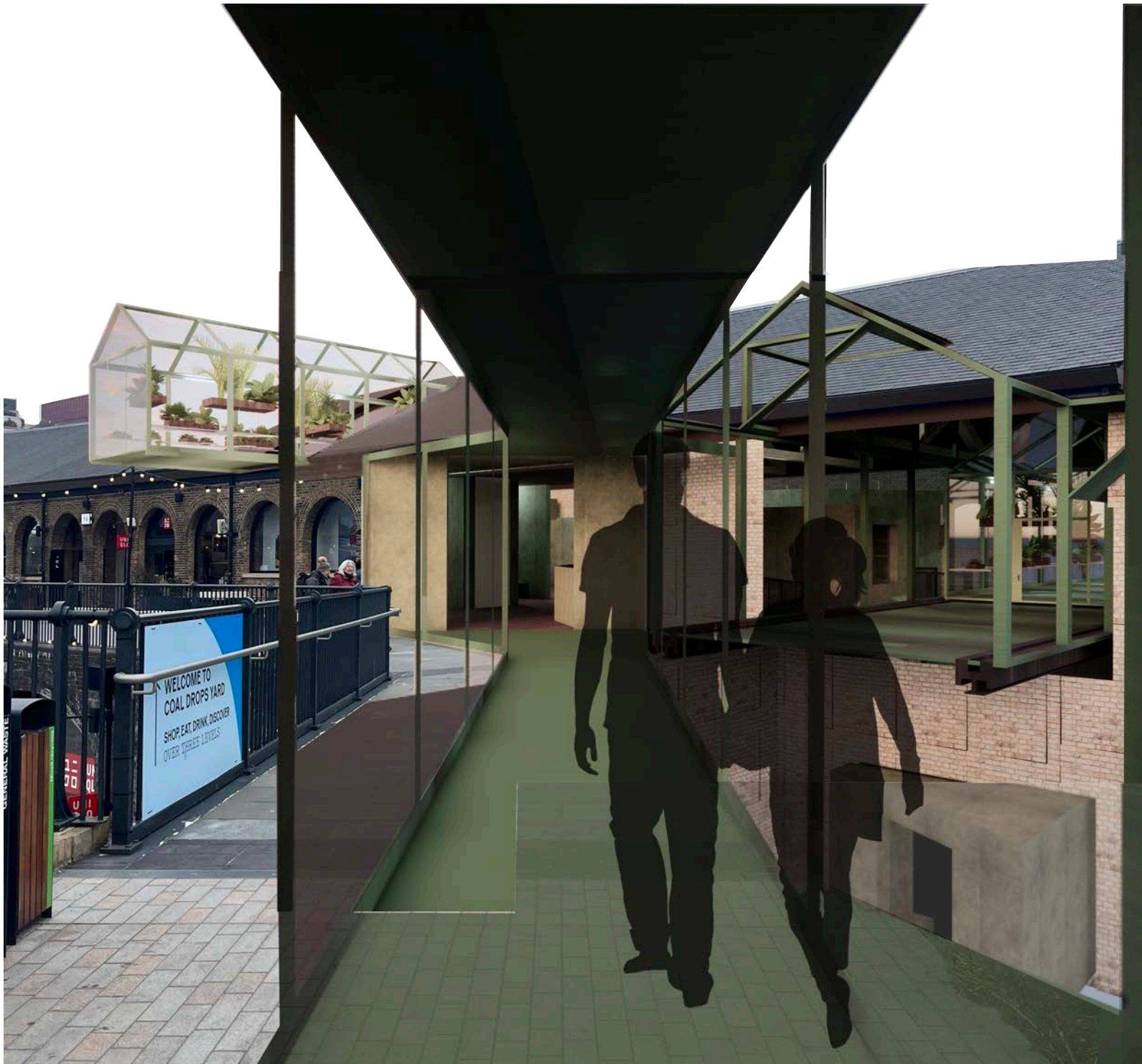


Visualisation

the main materiality used in the site is oak, wood, concrete, steel, glass and bricks



the fascade of the building and the main entrance from the arch through the tunnel



the two paths towards the gliding greenhouse and the “bedroom”



a reading nook from one of the rooms and a deposit space accessed only from the outside

