

The Living Body Collective

Healthcare is a sector that can have a detrimental impact on user experience and physical healing, where each choice of lighting or environment can affect a patient's mindset.

Yet whilst it can be used to benefit the user's life and experience, a lot of medical settings can still be felt as a hostile, clinical space, in which patients may have to wait hours to be seen and colour theory and design conditions can sometimes have a negative effect on health.

With my own experiences of long term treatment and reflection on medical environments, Bishops Lodge can be reimagined as a welcoming health retreat in Sheffield city centre, designed as a new central hub for families to visit, outside of the main hospitals nearby and across South Yorkshire.

Inspired by "Maggie's", this project aims to provide a space for support for parents and children with the condition "CRMO", a rare bone condition that can cause a dramatic impact on a child's growth and early years. The centre will provide methods of social and creative healing, and will offer support for families who are new to the disease or are seeking advice.

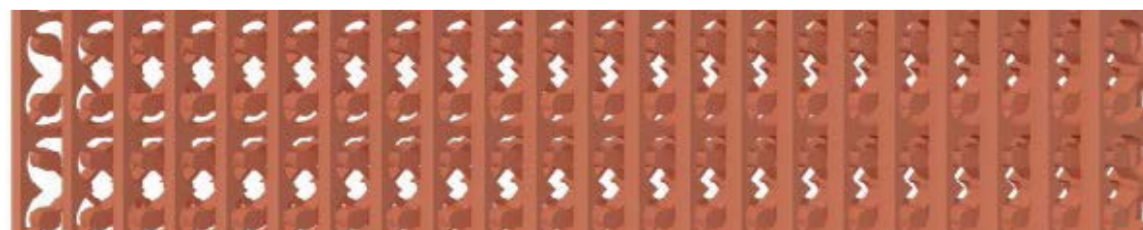


CRMO

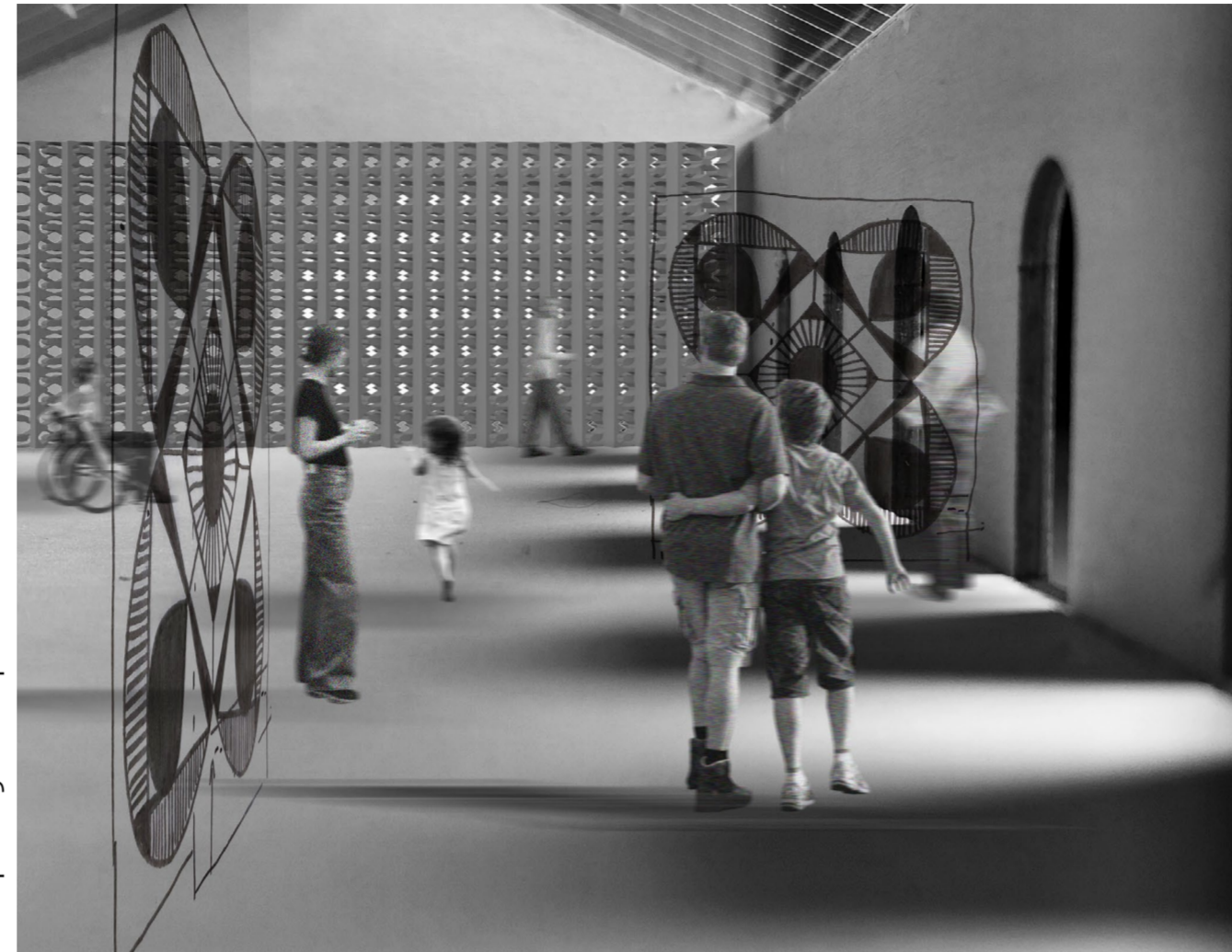
CRMO is a rare auto-immune condition caused by targeted inflammation, often found in the clavicle, spinal cord, pelvis and long bones and mostly diagnosed in young children.

Whilst there is treatment available, the disease has no cure and impacts one in a million people, so there is very little awareness and support available to children and adults with the condition as well as their families.

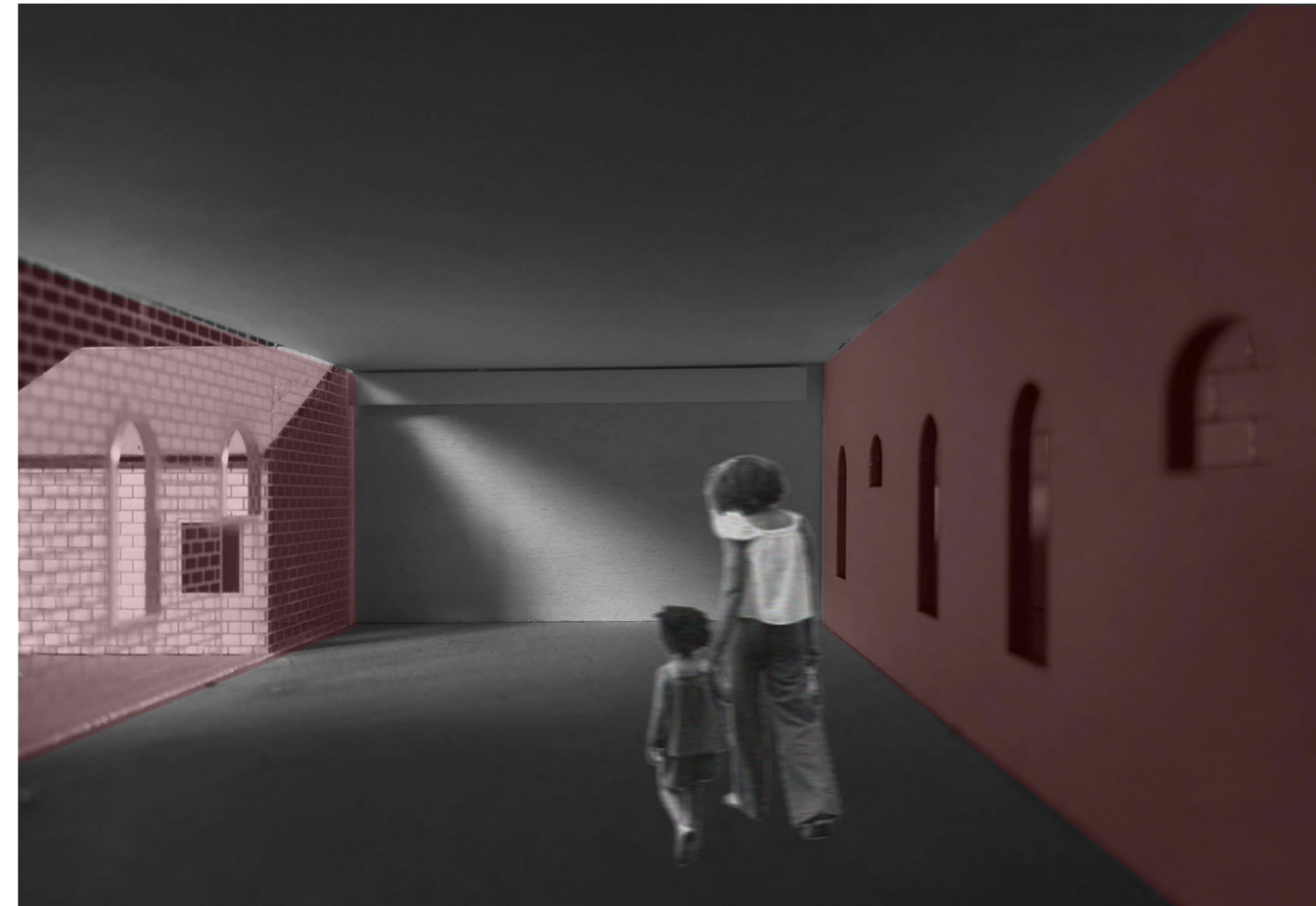
As someone with the condition, medical treatment and clinical settings have always played a significant part in my life for the past decade, so with this in mind, Bishops Lodge could take on a significant role in CRMO Awareness and research, offering a sense of peace and restoration for those struggling with the condition.



Bishops Lodge Concept



Healthcare in Sheffield



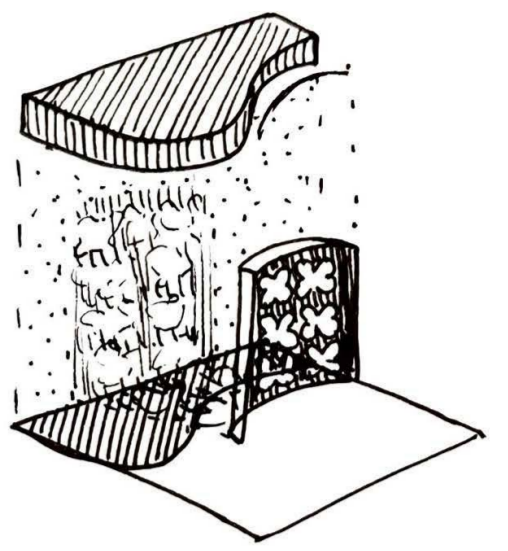
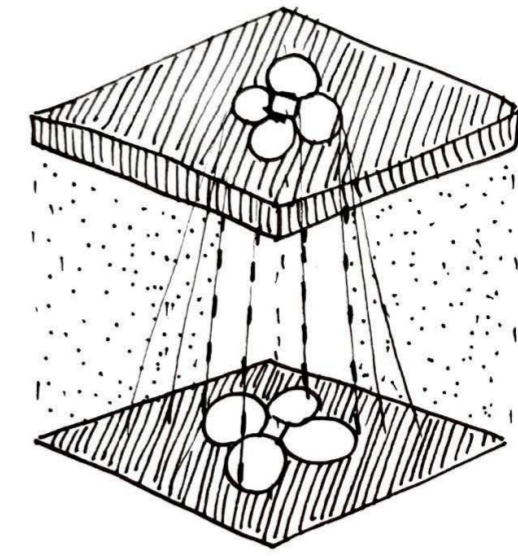
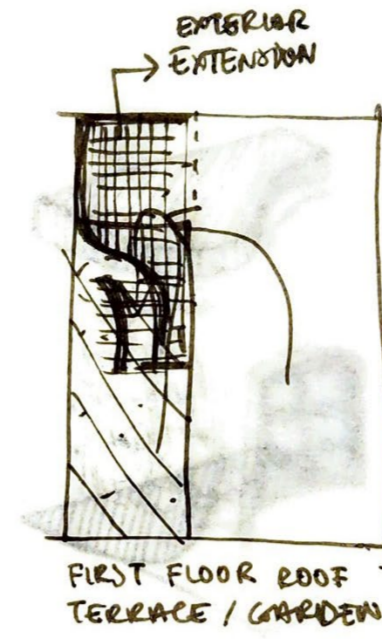
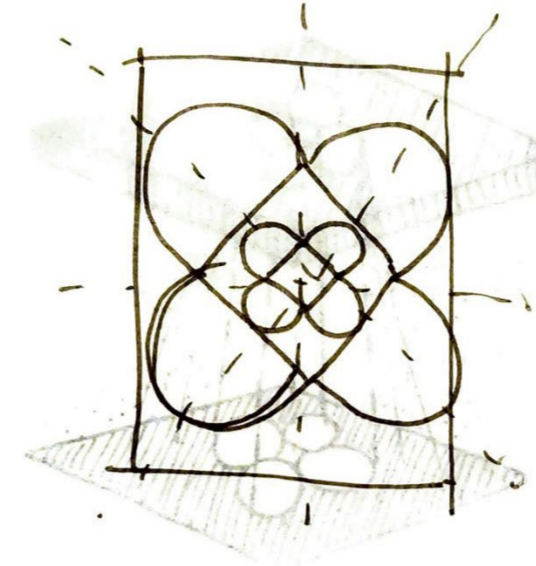
The living body collective is a Rheumatology based public health retreat, focusing on treatment, guidance and family engagement specialising in Chronic Recurrent Multifocal Osteomyelitis (CRMO), an autoimmune bone disease affecting Children and Adolescents. As CRMO diagnosis is found in predominantly paediatrics, the collective should aim at this demographic, focusing on families and young children, creating a space where treatment and therapy can be available for a form of holistic treatment.

The space evokes a sense of "healing, hope, and recovery", targeting physical illness and pain, as well as allowing patients to address their health in a tranquil atmosphere and explore activities to be themselves outside of the condition, with staff available for emotional and advisory support, and welcoming all abilities and families to explore pathways to physical aid and restoration and psychological relief.

FRIDA ESCOBEDO INTERPRETATION:

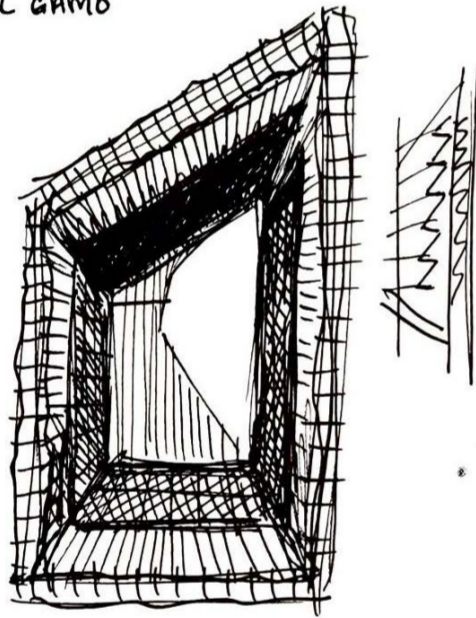
I was inspired by the use of filtration in Frida Escobedo's projects and the placement of her installations that bring a thoroughfare to life.

The use of the Frida inspired concrete breeze walls is found both in the interior on the first floor and mainly in the courtyard along the main walls of the terrace structure.



FRIDA ESCOBEDO INTERPRETATION

PHOTOGRAPHER:
RAPHAEL GAIMO

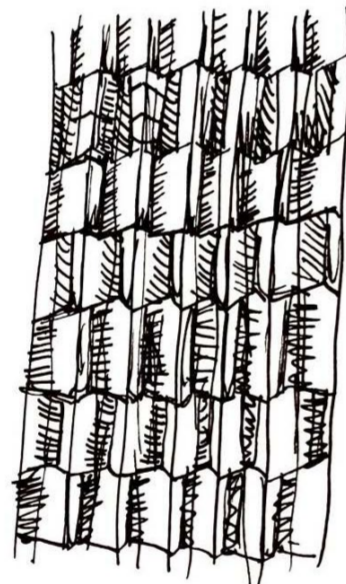


MAR TIRENNO, 2016-19
MEXICO CITY

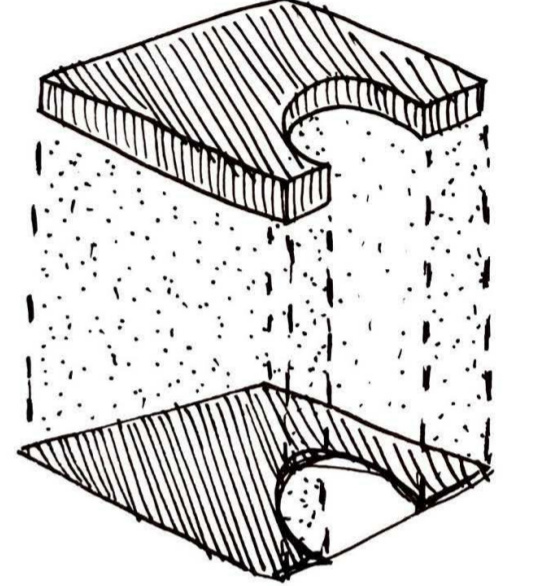
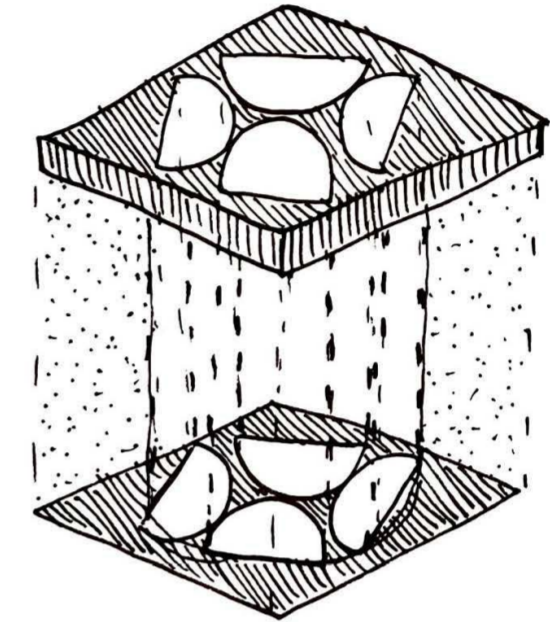
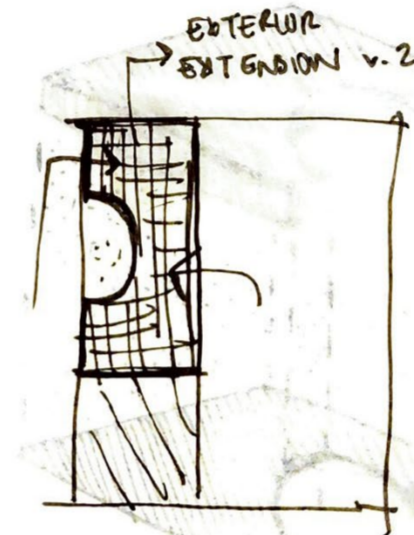
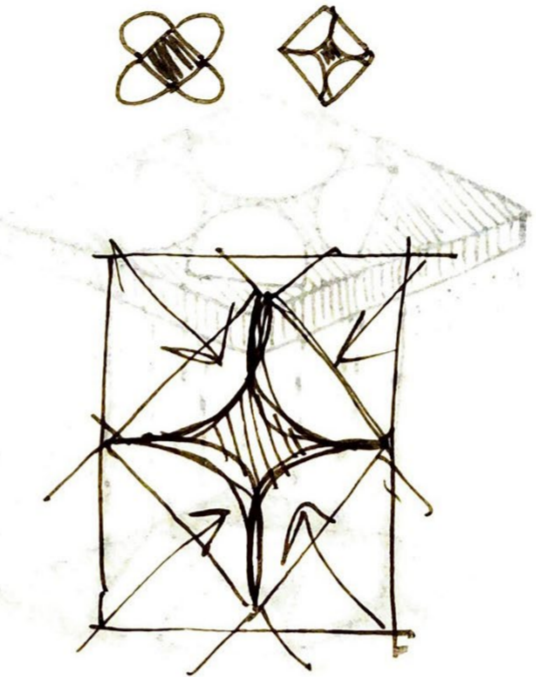
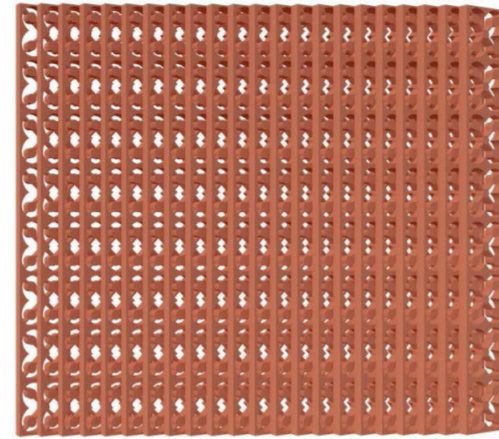
~ PHOTOGRAPHIC LENS ~

~ INSPIRED BY CAMERA
OBSCURA ~

PHOTOGRAPHY COURTESY
OF AESOP



• AESOP PARK SCORE
~ RAMMED EARTH
BRICKWORK

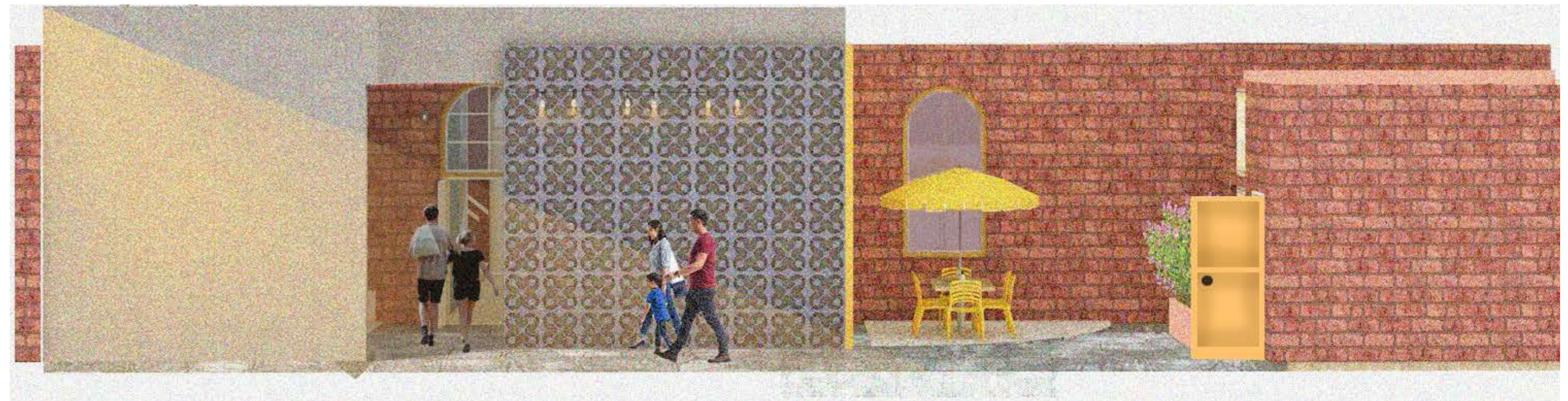
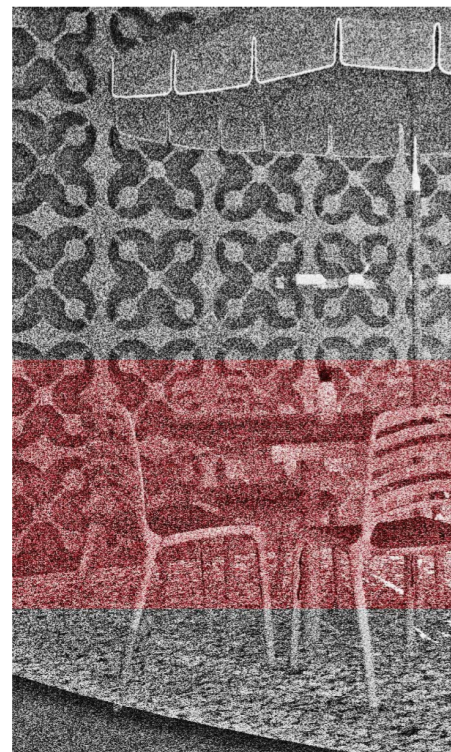
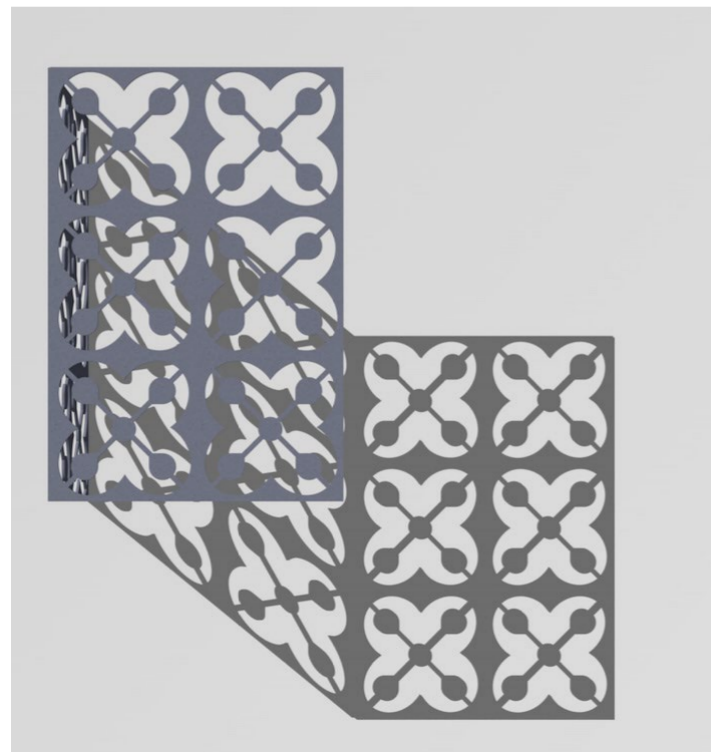


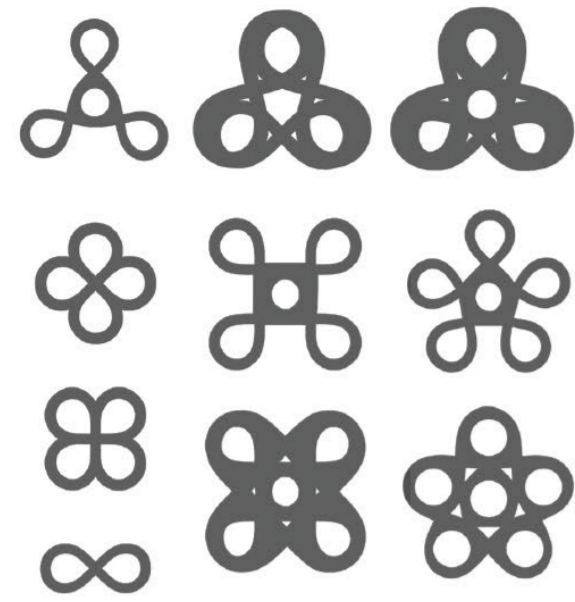
Plan view of Frida Escobedo inspired design development.
- spatial planning and concept.
- extension of roof garden / terrace.

With the architect Frida Escobedo as a design influence, light filtration is a common technique in the Mexican designers strategy and concept.

The design is informed by the Christian understandings of the body, symbolising being interconnected and capable of renewal, bringing biblical theology of community and the building's historical context to the centre as the ethos to the space, whilst also considering the Bishops Lodge's hidden heritage and Georgian structural envelope as it is a Grade II listed building.

The collective provides a series of healing services: Physiotherapy and medical guidance, Aquatic therapy for pain alleviation, reflection zones and biophilic, outdoor spaces, allowing the user to take time in meditation, situated in a natural environment. Art therapy and creative areas also allow families and children to take time together in imagination and expression and a communal cafe space dedicated to raising awareness for CRMO allows patients to engage in a community atmosphere and share their own stories. Each space would display a separate function, with treatment areas accommodating exercise technology for physiotherapy, and pools for led, personal aquatic therapy, whilst all cohesive in strategic composition, reflecting the biblical idea of "one body".

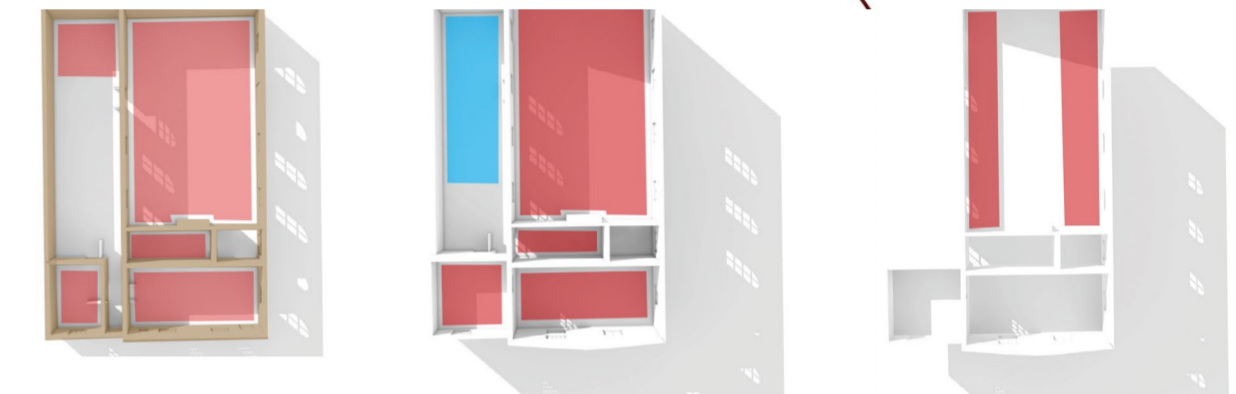
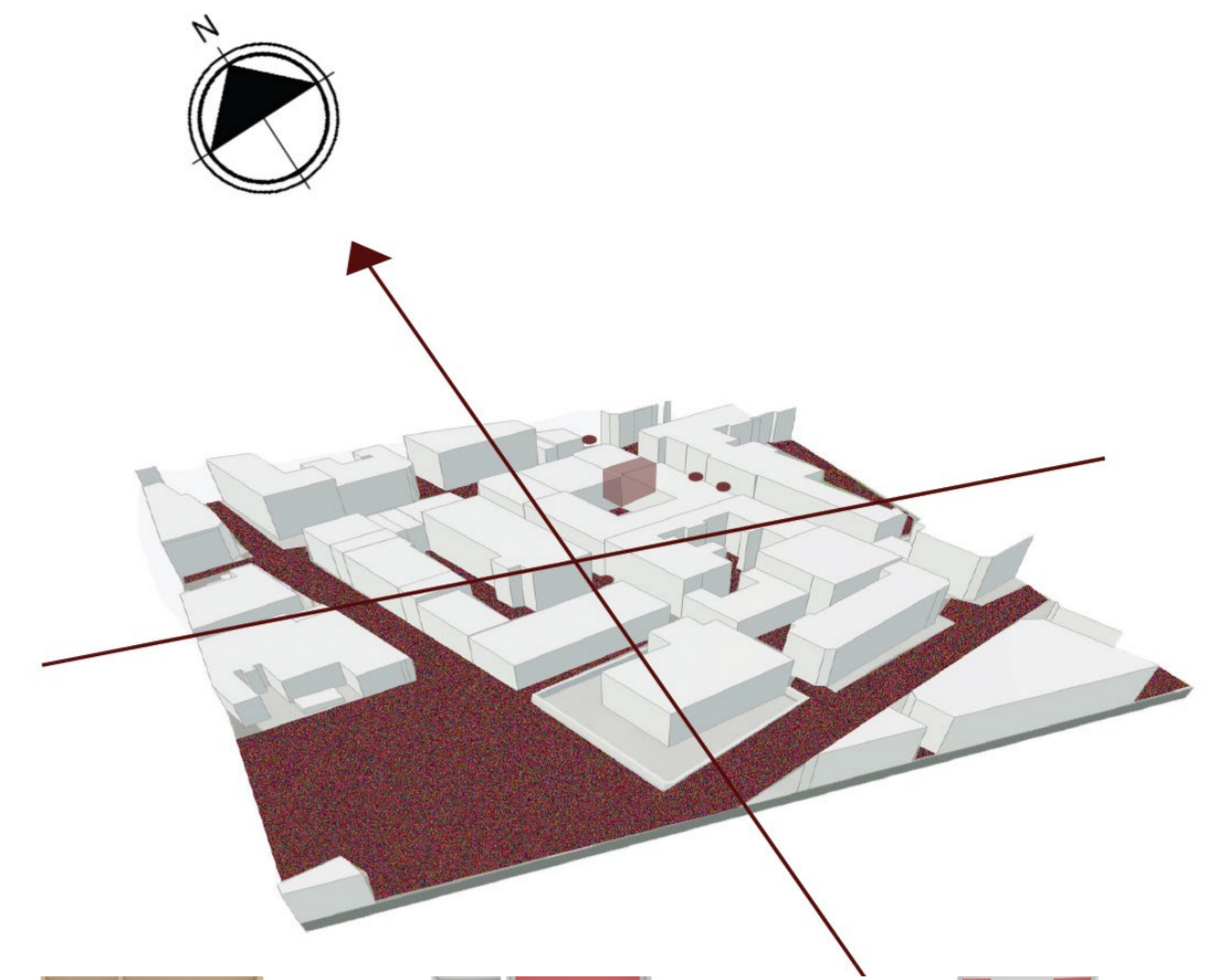
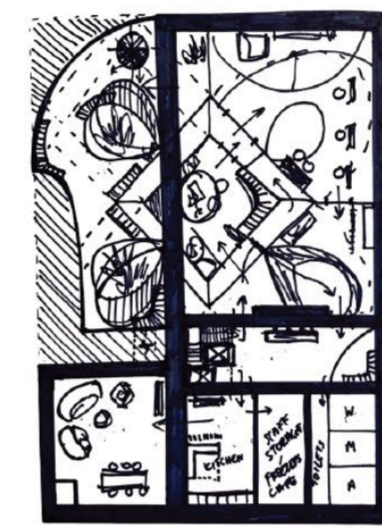
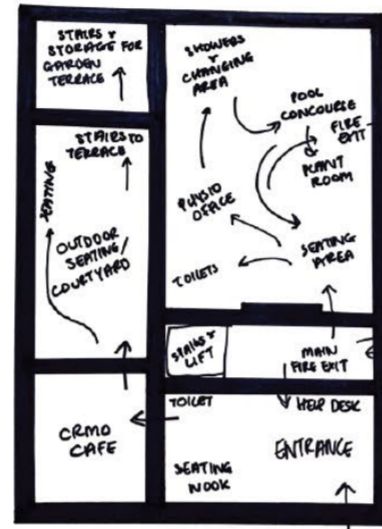
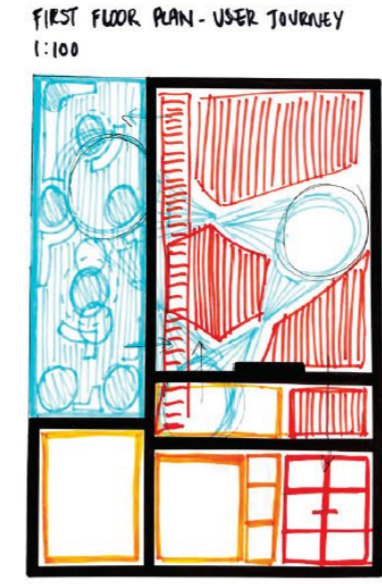




DESIGN DEVELOPMENT:

As my concept approach is centred around the idea of crmo awareness and interconnection, my design development is derived from the "crmo awareness symbol" as seen above. Starting out as an infinity style design, the idea reflects the spatial organisation and area layout for the space, demonstrating how each area connects and intertwines with each other.

After trial and error with shapes and form, I concluded my design with the four leaf clover design with one central area connecting four other spaces together, each one reflecting a different service and form of healing. The four aims of the Living Body collective are: physical healing and treatment, creative rest through art therapy, community engagement and support, and spiritual rest and healing.



Bishops Lodge lighting studies and demolition diagrams 1:100



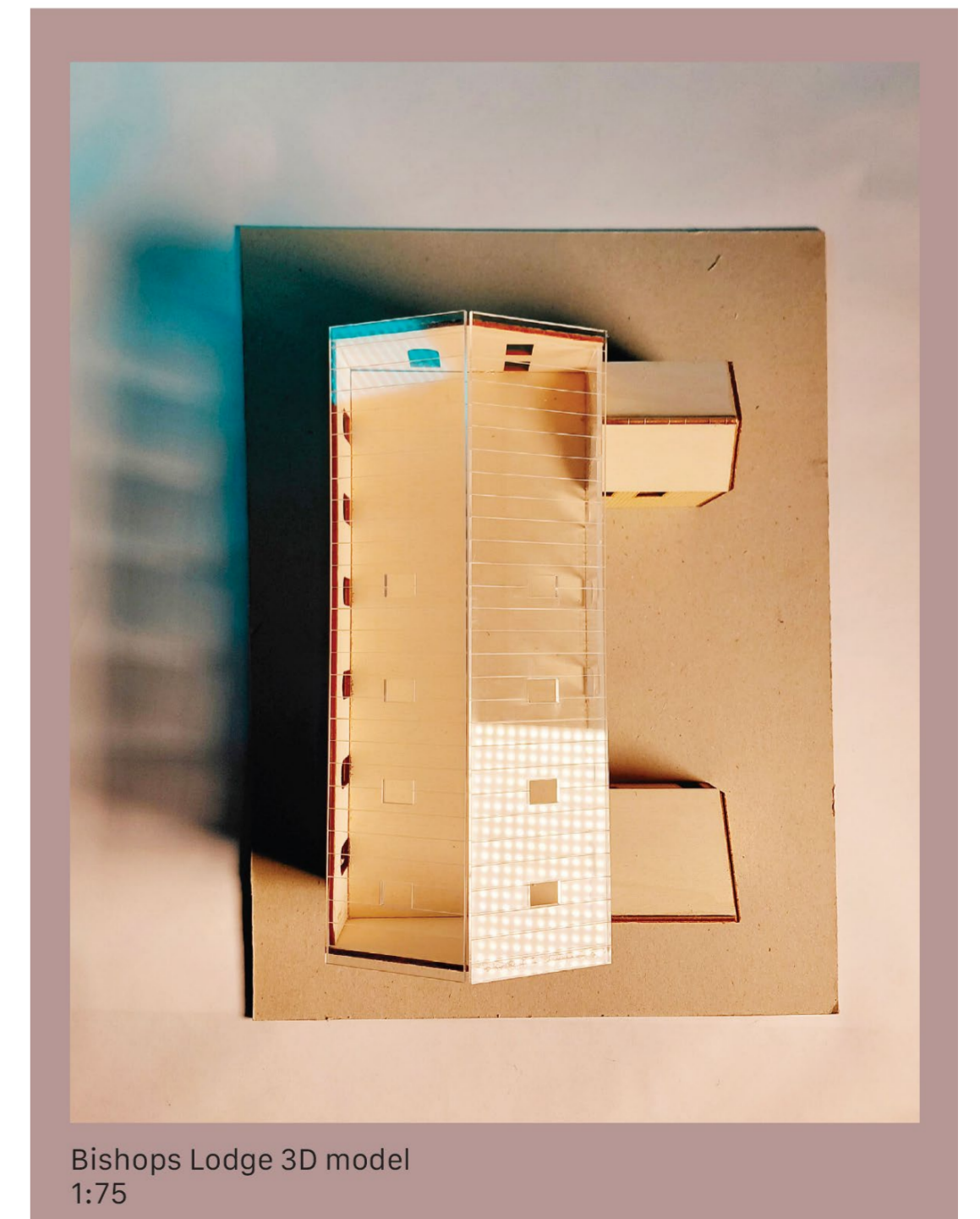
GROUND FLOOR PLAN 1:100



FIRST FLOOR PLAN 1:100



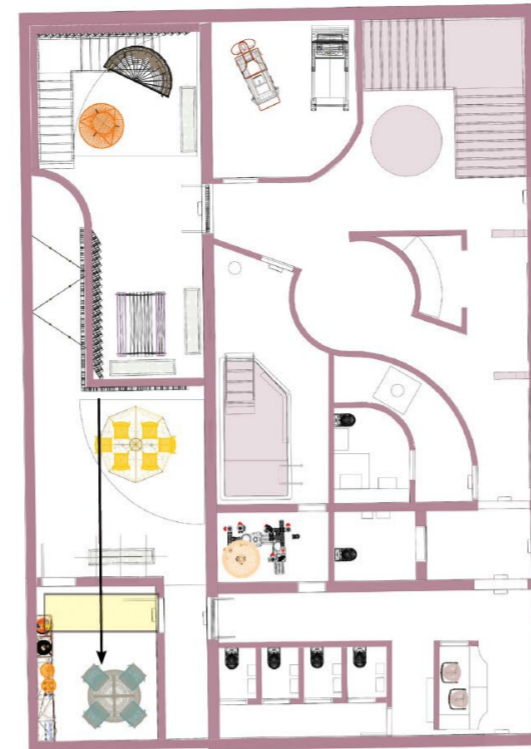
MEZZANINE FLOOR PLAN 1:100



Bishops Lodge 3D model 1:75



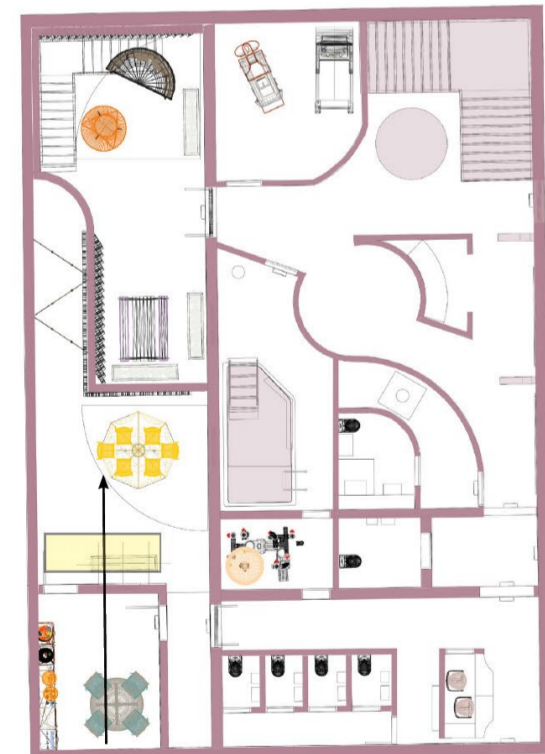
The CRMO kitchen is a communal space open for visitors to help themselves to hot drinks and refreshments throughout the day and offers a space for families and strangers to interconnect and share their stories and concerns. Along with a table, chairs and kitchen unit, the cafe contains a stories wall: a wall dedicated to CRMO experiences and open for visitors to leave their own experience for others to see and take inspiration, if they feel they want to.



GROUND FLOOR PLAN
1:100



GROUND FLOOR COURTYARD:



GROUND FLOOR PLAN
1:100

GROUND FLOOR COURTYARD:

The courtyard is a prominent design feature on the ground floor, offering outdoor spaces of rest and community focused seating, as well as a thoroughfare leading to the other exit and stairway up to the concrete rooftop garden, designed as an elevated space for families to spend time together outside and embrace more sunlight at a higher altitude.



Courtyard West facing
1:100



First floor west facing
1:100

FIRST FLOOR ATRIUM:

As a sole feature on the first floor, I designed a circular garden and arched structure, with a circular void in the centre, allowing light to seep through onto the ground floor walkway. Using the yellow tones, the structure encases a garden of red and yellow marigolds, rosemary bushes and purple flowers to reflect the purple theme of the CRMO awareness symbol and ultimately to draw the colour schemes and surrounding spaces together through a space that can catch the eye and draw the visitor to explore and reflect.



FIRST FLOOR PLAN
1:100



CENTRAL ATRIUM PLAN



First floor walkway west facing
1:100

FIRST FLOOR RIGHT WALKWAY:



FIRST FLOOR PLAN
1:100

The first floor consists of a central, yellow atrium garden with a circular void through to the ground floor, seating areas, and an art therapy studio allowing creativity to be expressed. The mezzanine floor hangs over the central ceiling and exposes the high ceilings and structural beams along the left and right walls as a reflective walkway to make the space feel less claustrophobic.



Roof Terrace - North East facing

The rooftop garden is constructed from steel reinforced concrete and contains a basalt flooring layer on top for enhanced durability.

The terrace contains three handmade flower beds, bench seating, and a covered seating area at the far end as a relaxed seating nook that is weather resistant and is lit up in the evenings, to serve as a small escape and reflective zone for children and families to spend time together or seek advice from staff.



FIRST FLOOR STAFF AREA

As the space requires a lot of therapy and professional set up, the staff would also require their own space during the working day. I placed the staff room above the CRMO kitchen on the first floor, with separate, private access to a space set for personal belongings and extra storage, as well as an open plan living, dining and kitchen area. The furniture uses natural wooden materials with warm mood lighting, a small dining table, two sofas and an extensive kitchen unit.



ART STUDIO INTERIOR

The Art therapy studio: A creative space to spark innovation and personal expression through art and making including full sized canvases and paints for families to join in with their children, and a "splatter wall", encouraging children to get stuck in with art despite the stresses and pains they are enduring and leaving a full sized masterpiece as a mark of their own, whilst also giving parents the chance to step back and focus on their mental health at the same time.