

Brief and understanding:

"THINK AND LISTEN" RENDER:



BRIEF

This project focuses on transforming "PACT House", a living and workspace for NHS Staff and families of patients going through cancer treatment at the Sheffield Children's Hospital in Broomhill. The current building contains some underlying issues when it comes to the design and function of the space; The client states that the building is not well used by parents and families due to the rooms being empty, cramped and unwelcoming, which would not be ideal as stays can range from a few weeks to six months. Throughout my design, I aimed to create a serene environment for parents to call their own over their stay, whilst also allowing them to feel comfortable with using the social areas, cooking for themselves and feeling a sense of peace through the tough and tiring situation of caring and worrying for their child.

HEALING

Healing is a significant factor of going through treatment, physically and mentally. With the parents and families going through such a trial of their strength and mindset, my aim was to create a space that allows psychological healing and acceptance surrounding their mental health: specifically looking into sound and frequency healing to alleviate stress and help with meditation.

Through a combination of biophilic design, natural materiality and a warm colour scheme/use of lighting, I wanted to project a calming, welcoming atmosphere that creates a sense of normalcy.



"THINK AND LISTEN"

Exploring sound and frequency healing, I focused on the curvatures and rounded shapes found in sound waves and sound dissipation. I conducted further research into sound and how curves and spherical elements can be used to create inviting spaces, inspired by the rural areas of China, where curves have been used in the landscape for rice fields and valleys, overall reflecting the curved linear component of sound waves. I was inspired by how sound intertwines with the natural space and composition of nature.



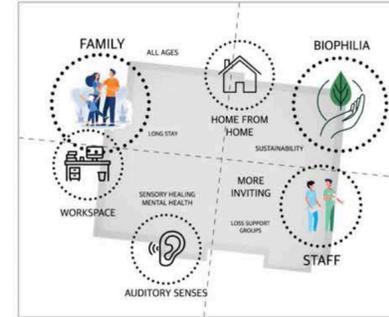
As any form of healing and therapy is a deeply personal experience for the user, I aimed to focus on how sound can trail through the spaces in the building, yet also how I could section off areas and make spaces more private for parents and families and explore the space as a form of a retreat and sanctuary of privacy.



SITE CONTEXT VISUAL:



DRAWN BRIEF:



SITE CONTEXT

PACT House is placed in the centre of Sheffield, Broomhill, a short walk away from the Children's Hospital and round the corner from Weston Park, a space of nature and tranquillity as well as artistic culture with the Weston Park Museum exhibits. As this is an example of the many green spaces in Sheffield, I wanted to incorporate nature into my design, and was inspired by the growing flowers and colours found to create the warm colour palette that I used throughout: specifically the opposites of warm orange and revitalising green hues.

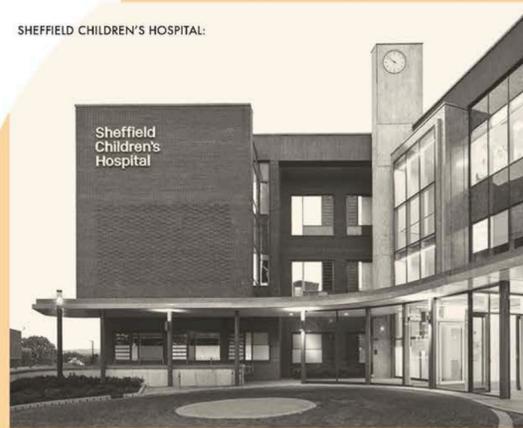
As the house will be used by various ages and demographics, I aimed to use a neutral colour palette for all ages, creating a calming environment and linking all materiality and colour choices in my design strategy, back to the idea of a brass singing bowl, used in sound therapy and frequency healing as a form of soothing the soul and mind, and allowing the user to meditate and reflect more easily with tranquil frequencies. I also aimed to replicate the circular form of a singing bowl and the use of spalling acoustics throughout my design, using curved composition and seeping sound through different sectioned spaces.



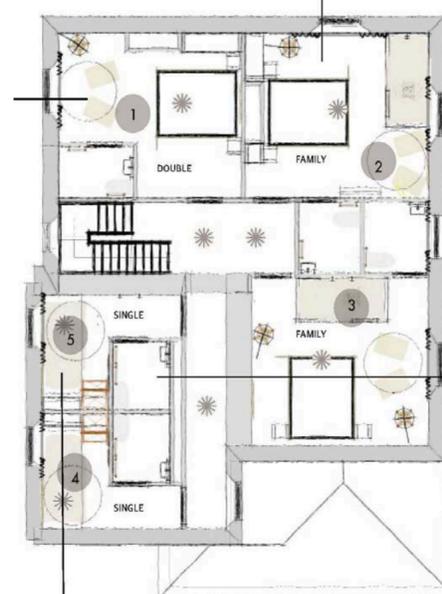
EXPERIMENTATION - SOUND HEALING AND WAVES:



SHEFFIELD CHILDREN'S HOSPITAL:



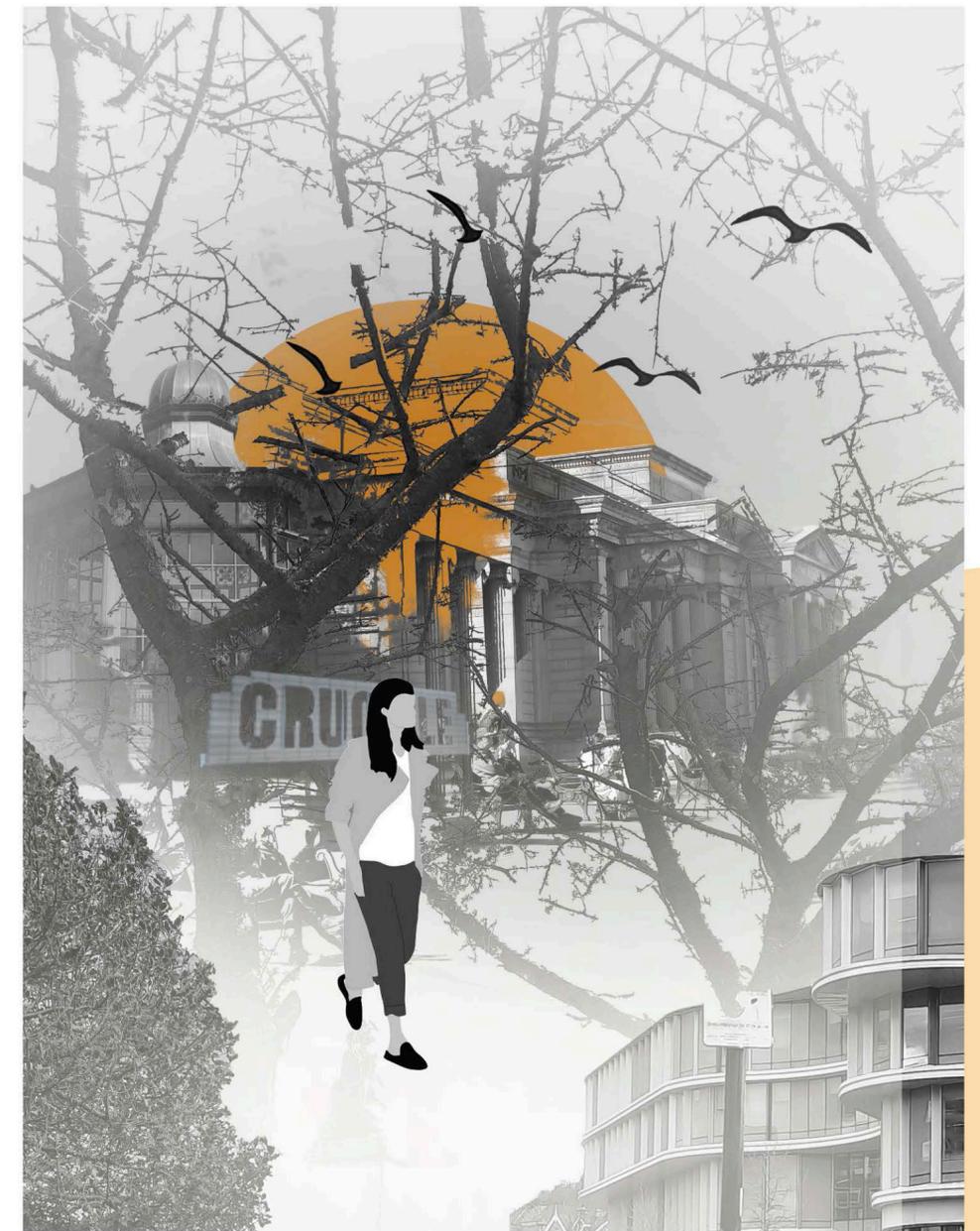
NEW GROUND FLOOR PLAN



NATURAL COLOUR SCHEME OF WESTON PARK



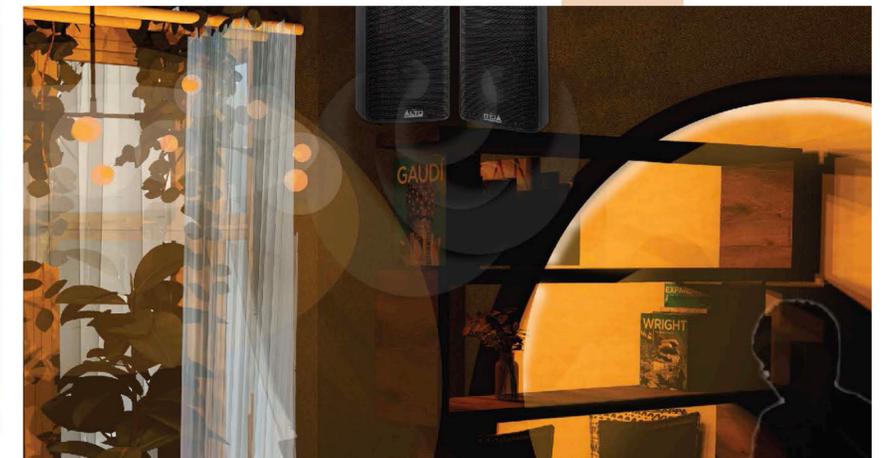
SURROUNDING SITE AND SUN PATH



SITE ANALYSIS RENDER

CREATE AND PLAY

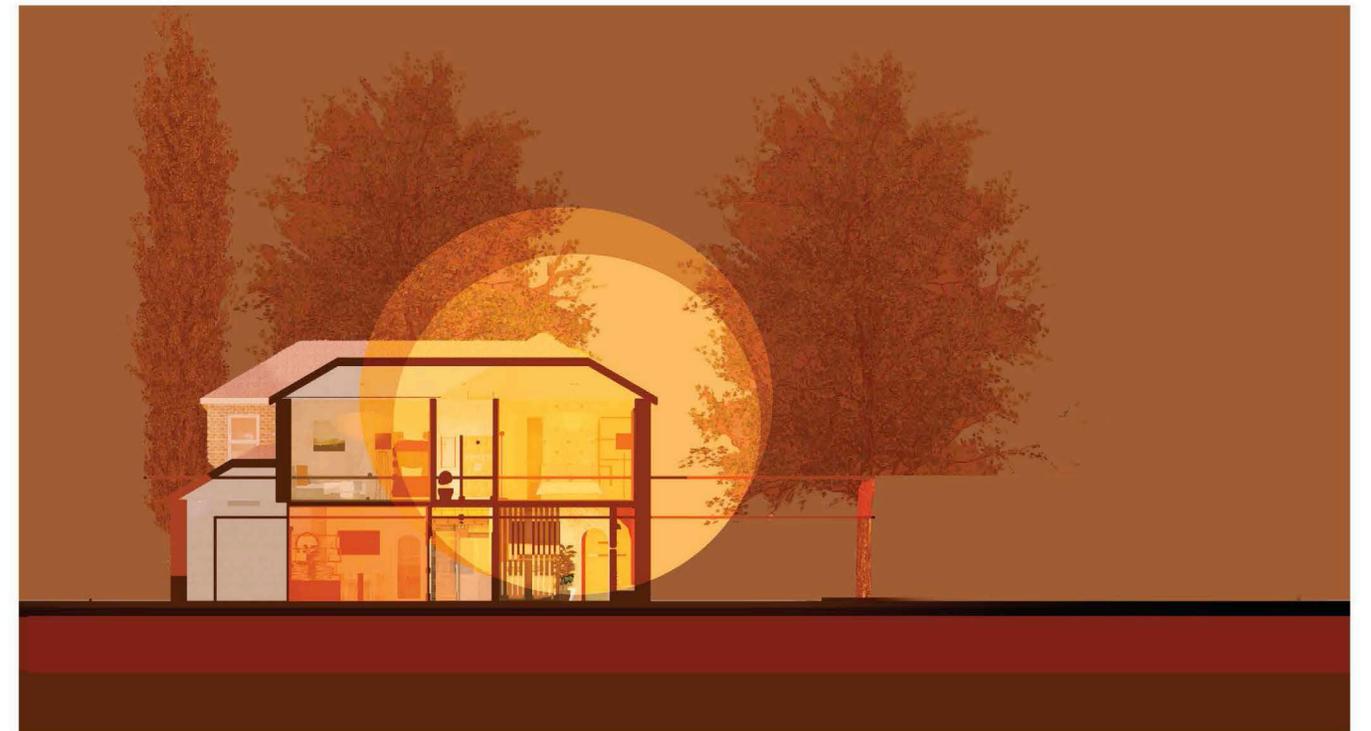
Final renders:



FINAL RENDER OF THE "CREATE AND PLAY" ROOM: SIDE VIEW FROM TV AREA, FACING PLAY AREA AND HIDDEN READING NOOK



FINAL RENDER OF THE "CREATE AND PLAY" ROOM: FRONT VIEW FROM RIGHT CORNER - TV AREA AND READING NOOK



SIDE SECTION RENDER ON A DRY AUTUMN EVENING