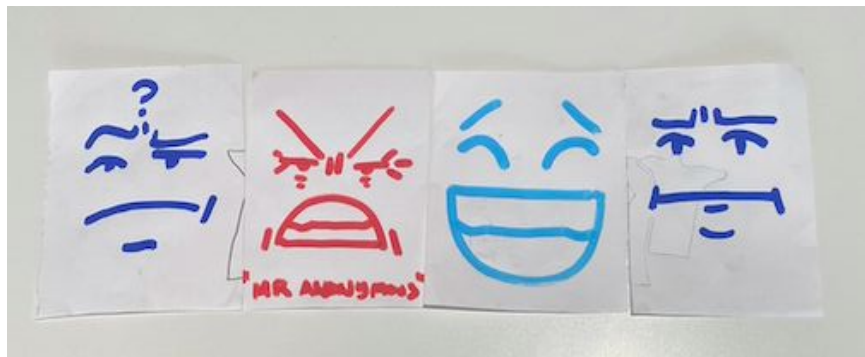


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PHASE/ 01. Research and Design Analysis

[INTERVIEWS]



**MS.
CONFUSION**

**MR.
ANONYMOUS**

**QUEEN
HAPPY**

SIR BORED

MS. CONFUSION [FAMILY DEMOGRAPHIC]

- From Germany and visiting London with her mom
- No AC and when it is hot out enjoys eating ice cream and they keep the curtains closed
- Focus on keeping cool by being resourceful with aspects of the home

MR. ANONYMOUS [TEENAGER DEMOGRAPHIC]

- Hesitant to answer questions because they deal with a controversial topic
- Does not feel the need to engage in the interview
- Focus on everything going back to normal eventually does not care about this issue

QUEEN HAPPY [20-40 DEMOGRAPHIC]

- Very excited to discuss the environment and how they could help with the interview
- When it's too hot, she leaves home to go shopping at the mall. Home for her is where family and friends are.
- Focus on creating a healthy lifestyle for them and sharing it with people they care about

SIR BORED [50+ DEMOGRAPHIC]

- Through life experiences a "home base" is already established
- Opinions on the world have been solidified and preferences are concrete
- Focus on protecting the world and heightened environmental consciousness

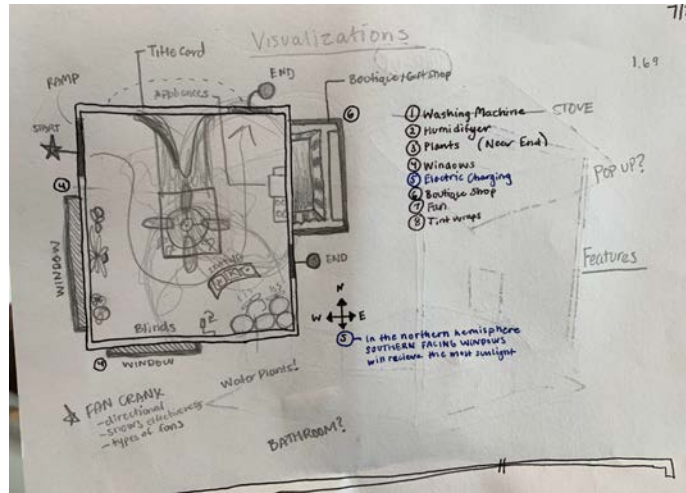
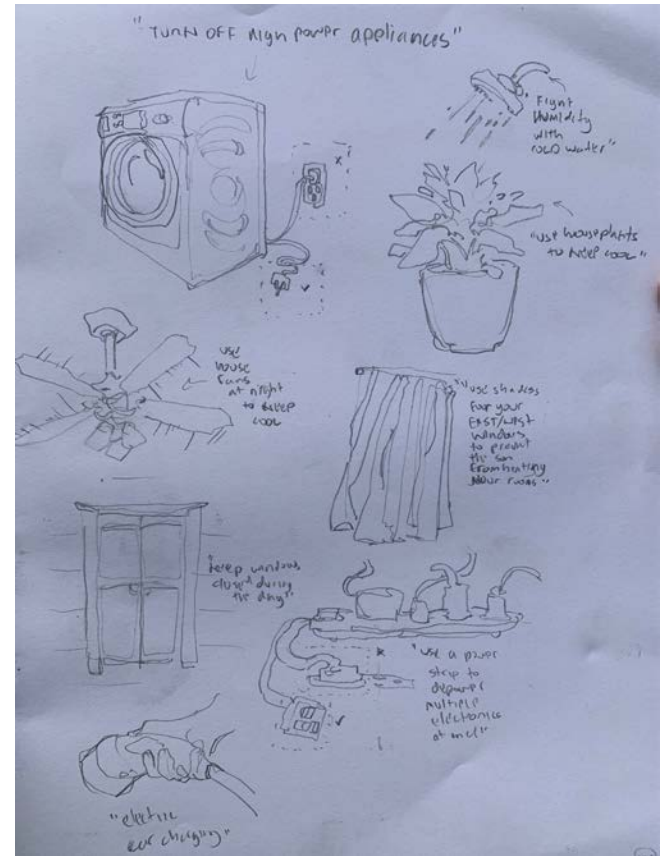
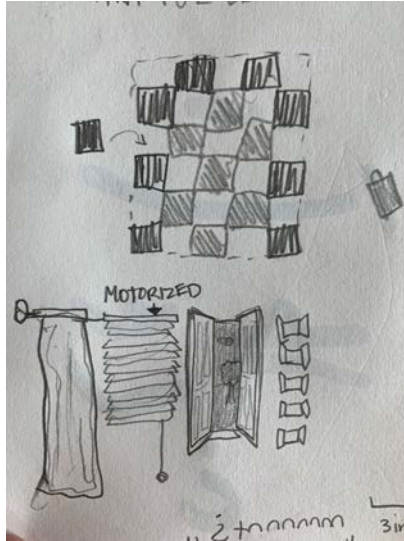
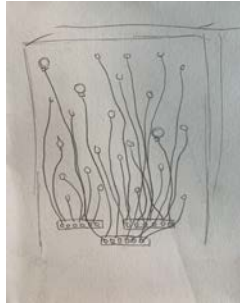


Many places of residency in London do not have air conditioning and the people themselves may not be aquipt to deal with the extreme heat. We wanted to place the glass house in a sustainable park Jubilee Park due to its accessibility, large amounts of foot traffic, sustainability factor in itself, and openness of the layout.



Climate change has been a difficult factor for London to deal with. The buildings are designed for cold weather and with rising temperatures each year, people do not have the proper techniques to deal with the heat waves. We want to provide sustainable solutions to these issues.

PHASE/ 02. Concept and Design Proposal



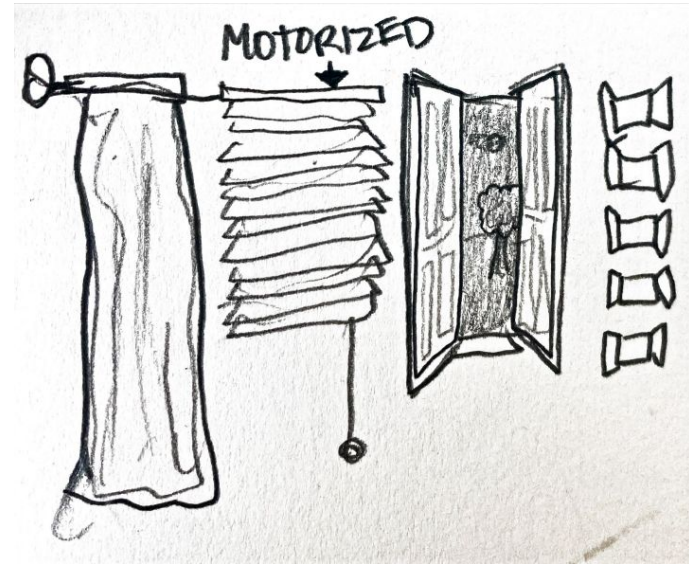


- Our project is a glass house located in Jubilee Park in Central London. It is made up of one room which raises awareness and teaches the public about dealing with the severe weather changes in London due to climate change. Many places of residency in London do not have air conditioning and the people themselves may not be aquipt to deal with the extreme heat.
- Our plan for this interactive glass shaped home to be intriguing, inclusive, and educational. The rooms will contain multiple digital thermometer signals on the walls showing how each interaction with the space creates a cooler environment, therefore dealing with climate change in a sustainable, Do-It-Yourself way. As one enters the glass house, they will not only be able to interact with the house, but also observe how changing features of the house shifts the temperature. The interactive glass house attracts people into Jubilee park from the streets and engages their senses: visual and touch.
- The house will be easily navigated for the abled and disabled with a flat entrance and ramp and handrail exit. For sight and sound accessibility, there will be written decals describing the interactive spaces as well as information on why those certain sustainable acts help the temperature decrease.
- The target audience is everyone who visits Central London since it is near tourist areas. We wanted to place the glass house in a sustainable park like Jubilee Park due to its accessibility, large amounts of foot traffic, sustainability factor in itself, and openness of the layout. A key factor of having this exhibition outdoors is to appeal to the large population of London who are not originally from London and may feel that another place in the world is "home". This also connects to the idea that the planet itself is our home and it is important to address the current concerns of our planet struggling with global warming.
- In terms of marketing, the lifesize glass house will be marketed by the masses through social media and other blogs or websites. Attached to the side of the house will be our Green Gift Shop which consists of mugs, tote bags, bucket hats, masks, and t-shirts.
- We anticipate that by the sheer size of the glass house and the open space to see it from afar, guests will be attracted to the exhibition and be drawn to walking through, taking photos, and hearing other people discussing their experiences.

PHASE/ 03. Detailed Design Solutions



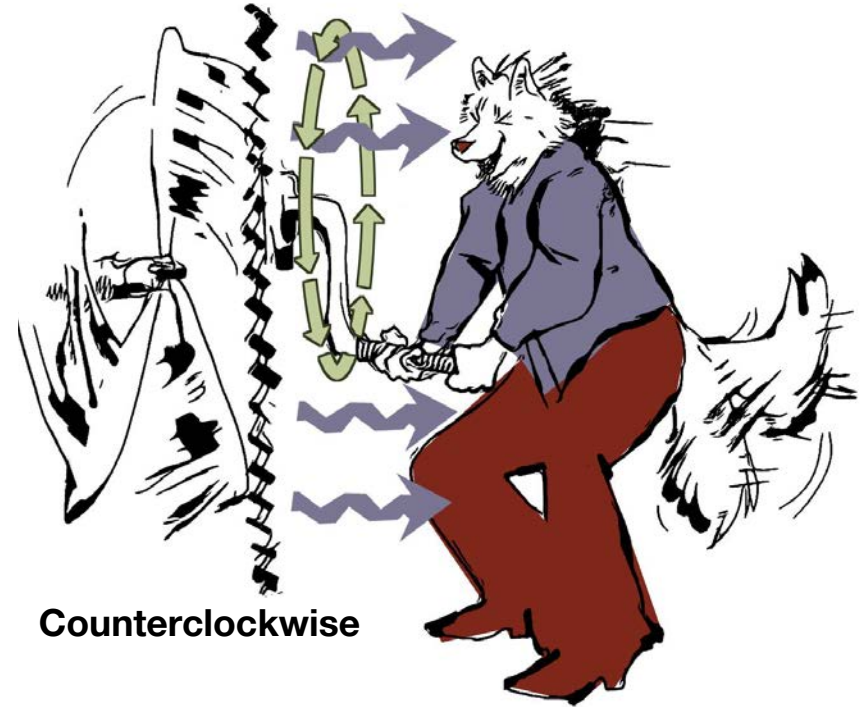
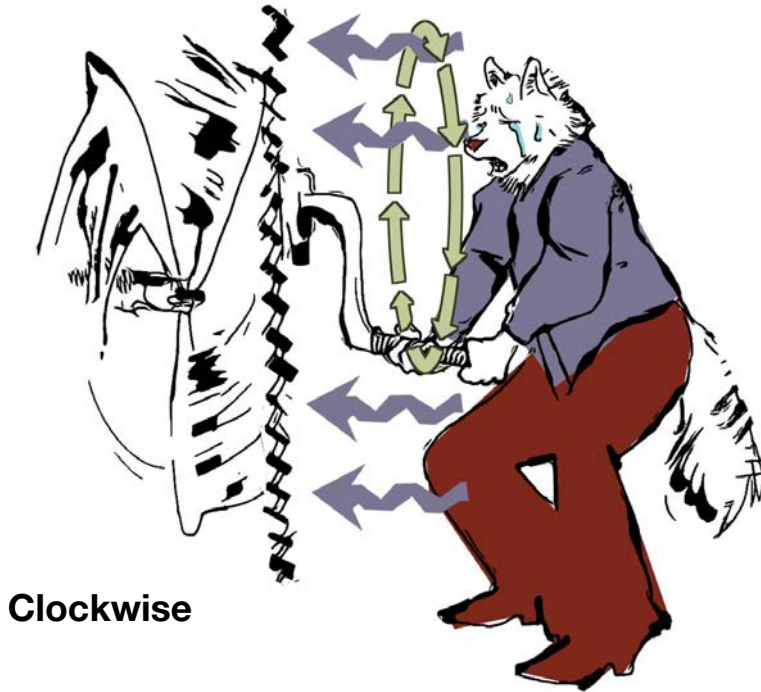
Fan Corner A collection of various fan types which give visitors a place to cool off and rest.



Shade & Window Walls Window coverings of different styles in the center of the house which becomes a photo opportunity. A section of color full mini windows for children to play with.

Fan Corner Interactive

A large fan encased in a metal grate with an attached crank. The fan spins in the same direction as the crank, demonstrating how clockwise and counterclockwise rotation can affect how effective the fan is at cooling one down.





Diffuser Interactive

A large aestheticized water diffuser with two buttons. One button fills the diffuser with water from below, and the other activates the diffusion process. This exhibit demonstrates how cool water vapor in the air can help cool down a room

- STOVE TOP
 - Sun and moon switch– during day stove is off and when switch handle moves to night, then the flame for the stove comes on
 - Discuss how using large appliances like stoves generates unnecessary heat
 - We should not use them during the day, only at night
- DIFFUSING COLD WATER
 - Giant opaque diffuser where you press a button to fill up water from the bottom and then press another button to have the diffuser start working
 - Discuss how filling diffusers with cold water creates cooler environment by fighting the humidity and purifying the air
- PLANT WALL
 - Plant wall and visitors can buy seeds at the Green Gift Shop to grow their own plants at home
 - Discuss how plants can naturally cool a room by releasing evaporated water from their leaves
- UNPLUG ELECTRONICS WHEN NOT IN USE/ USE POWER STRIP TO UNPLUG MORE AT ONCE
 - Plug wall where there are multiple power strips and lights on the wall that turn red when they are plugged in and not in use and ones that are green when they are unplugged and not in use as to show the correct way to use devices– choice to unplug the entire power chord to make solution quicker
 - Discuss the unnecessary heat and power generated by keeping devices plugged in when not in use
- CHANGE FAN DIRECTION OR BUY OSCILLATING FAN
 - Crank that activates a fan going clockwise and counterclockwise depending on which direction the lever is cranked in
 - Discuss how changing the fan direction from clockwise to counterclockwise increases the amount of circulation in a space therefore creating more air flow
 - This can also be done with oscillating fans as an alternative to ceiling fans
- SHADES FOR WINDOWS
 - Wall of different types of covers for windows– small blinds, curtains, wooden doors, etc. to see how each affects temperature
 - Discuss how keeping the sun out keeps the home dark which in turn, keeps it cool
- WINDOW TINT WRAPS
 - Tile like tint wrap on window where people can fill in the blank spaces of the wraps with a tint square attached to a handle
 - Discuss how adding tint wraps helps to keep sun out while still being able to see clearly out the windows
- WINDOW WALL
 - Mini windows that you can open and close
 - Discuss how keeping windows closed actually keeps heat out and even though it may still be hot inside, it will be warmer if windows are open and there is no breeze outside



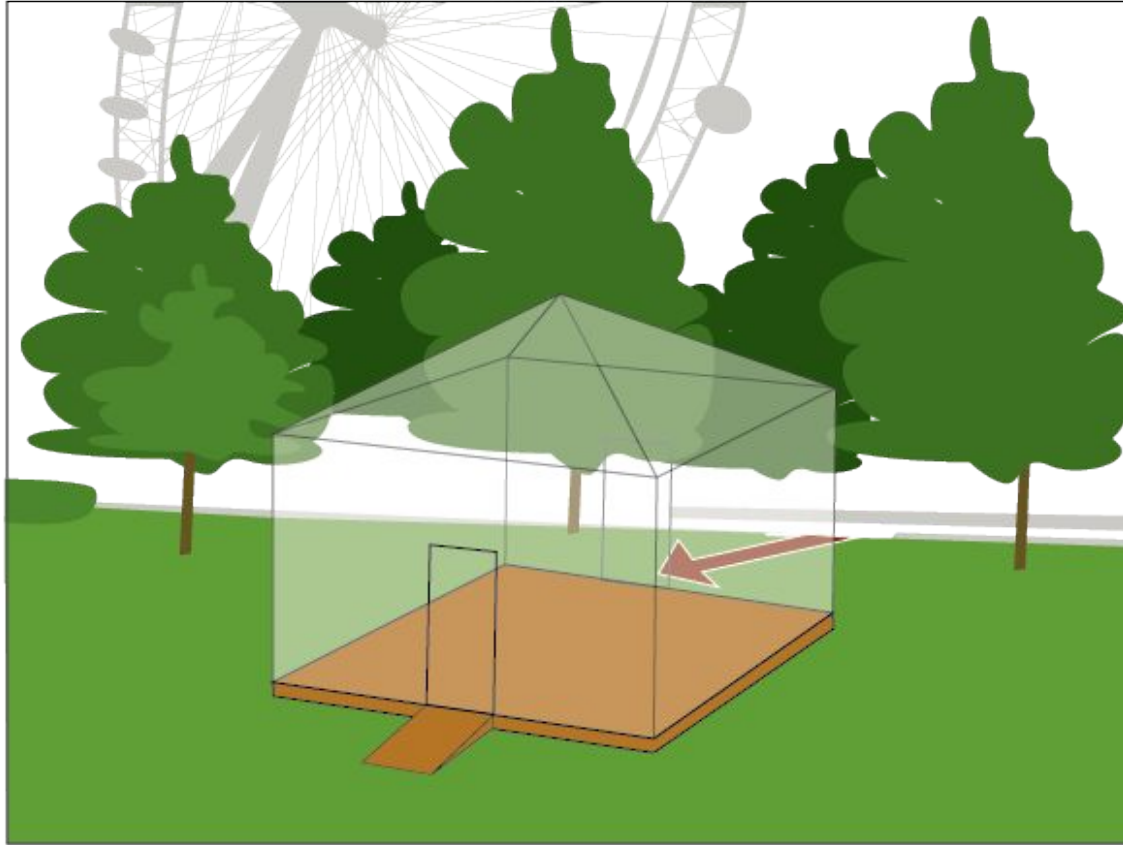
Top View

The exhibition location as shown on a map. Our location has a high volume of foot traffic and sits in the heart of Jubilee Park next to the famous “London Eye”.



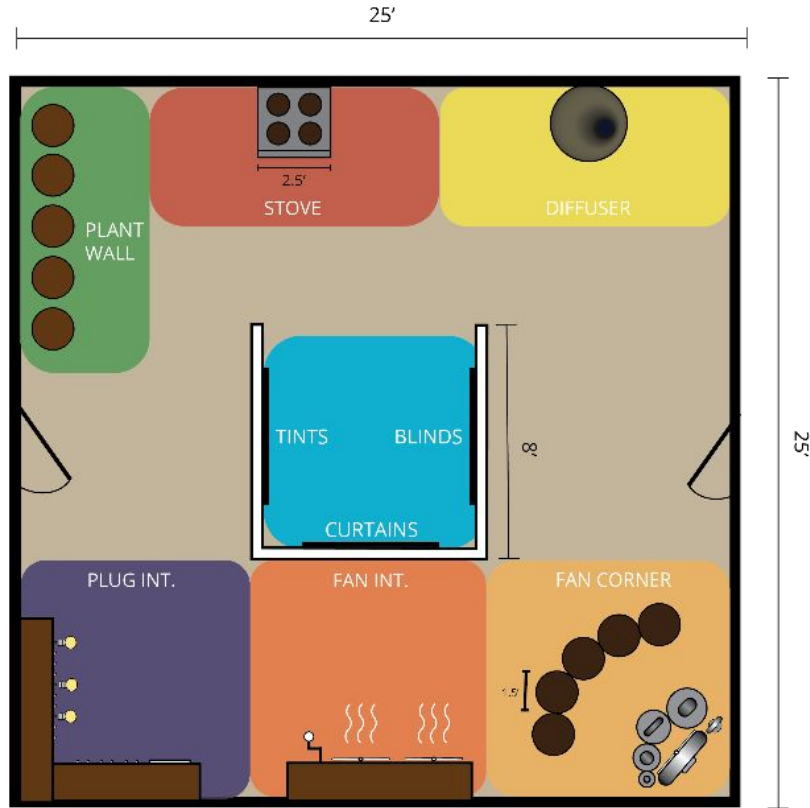
Cross Sectional View

This view allows the audience to see how the platform will be situated since the glass home is on uneven ground. One can also see the inside of the home and some of the activities displayed on the walls.



Perspective View

Isometric perspective from the NE shows how the glass house will sit in the space. A pathway already exists in the concrete walkway and will allow for easy wheelchair accessibility.



FLOOR PLAN PERSPECTIVE

The floorplan layout was designed so that each section is close by the glass walls. The windows in the middle will be photo opportunity and

- Window & Shades
- Plant Wall
- Fan Corner
- Interactive Diffuser of Doom
- Stove Top Power Interactive
- The Fan Interactive (Soulja Boy "Crank That")
- Out with the Outlets

SUSTAINABLE MATERIALS



Recycled glass



Recycled wood



Recycled fabric



Old stove



Recycled or
reused
pottery/clay



LED energy
saving bulbs

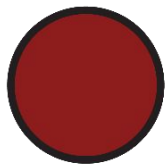


Recycled blinds

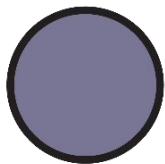


Recycled metal

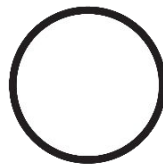
COLOR PALETTE



#8C1C13



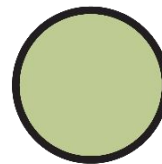
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TYPEFACE

OPENS SANS REGULAR

abcdefghijklmnopqrstuvwxyz

ABCDEFGHIJKLMNOPQRSTUVWXYZ

**ANISETTE STANDARD
BOLD**

ABCDEFGHIJKLMNOPQRSTUVWXYZ

**ANISETTE STANDARD
PETITE BOLD**

ABCDEFGHIJKLMNOPQRSTUVWXYZ

POSTERS



SOCIAL MEDIA



THE GREEN GIFT SHOP

Environmentally friendly shop with sustainable items.



Product Examples

Hot Home Hand Fans

Hot Home Tote Bags

Hot Home Mugs

Hot Home Pins

Cool Plant Seed Kits



Free Informational Pamphlet

- "How to Keep Your House from Melting"

PHASE/ 04. Design Documentation and Intent

Our design team wants to create an educational, interactive, and intriguing space in which everyone can enjoy and learn more about how they can not only help our planet during this heat crisis, but help themselves as well. The Hot Home installation will attract visitors from within the park and passerbyers, giving them an overview of sustainable ways to cool a house.

The project is important because every individual has a different way of absorbing information. By appealing to touch and sight, we are reaching a broader audience and able to have a stronger impact on the visitors.