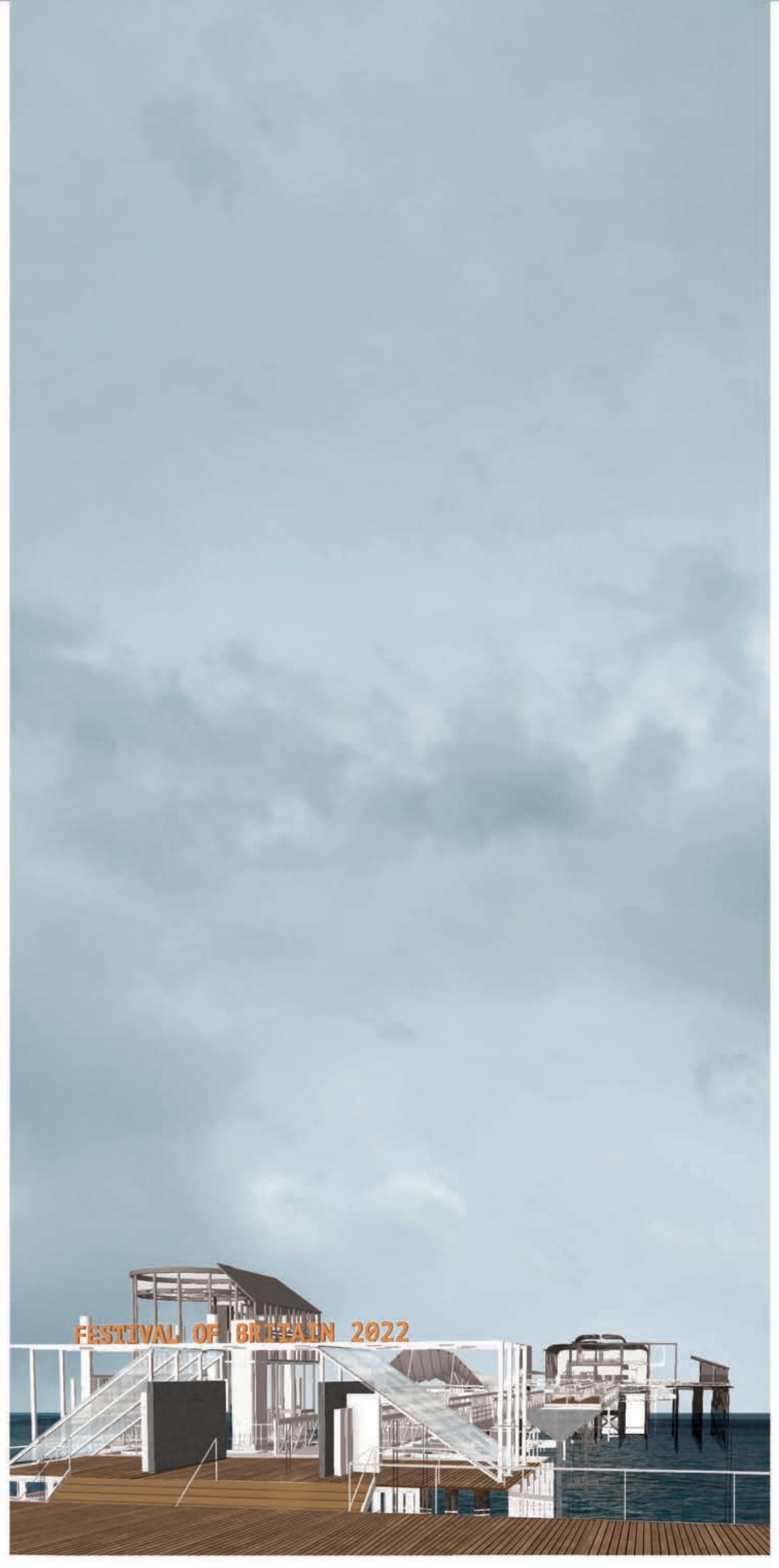
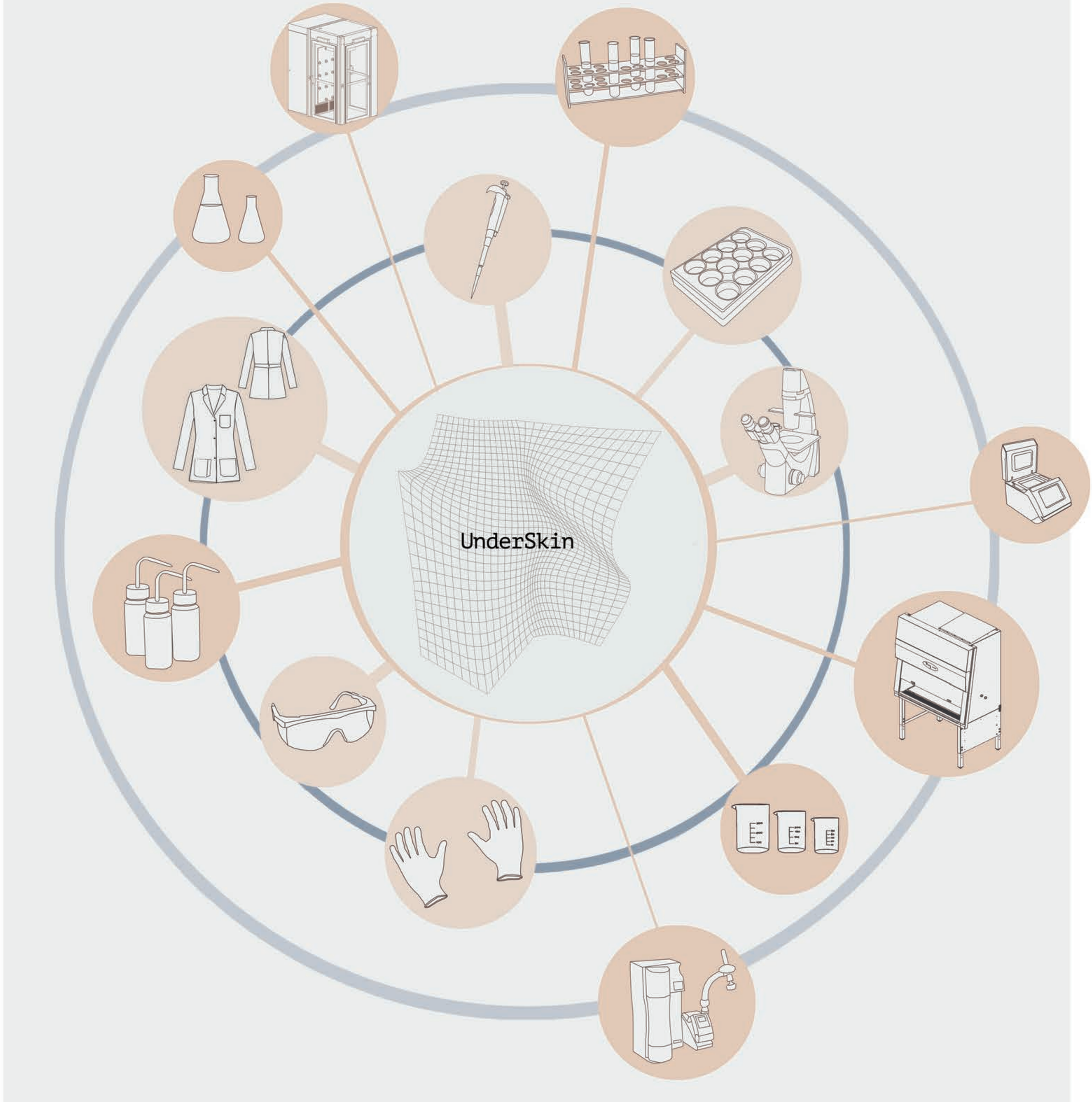
Jamila Marie Daouma



UnderSkin

The Festival of Britain 2022



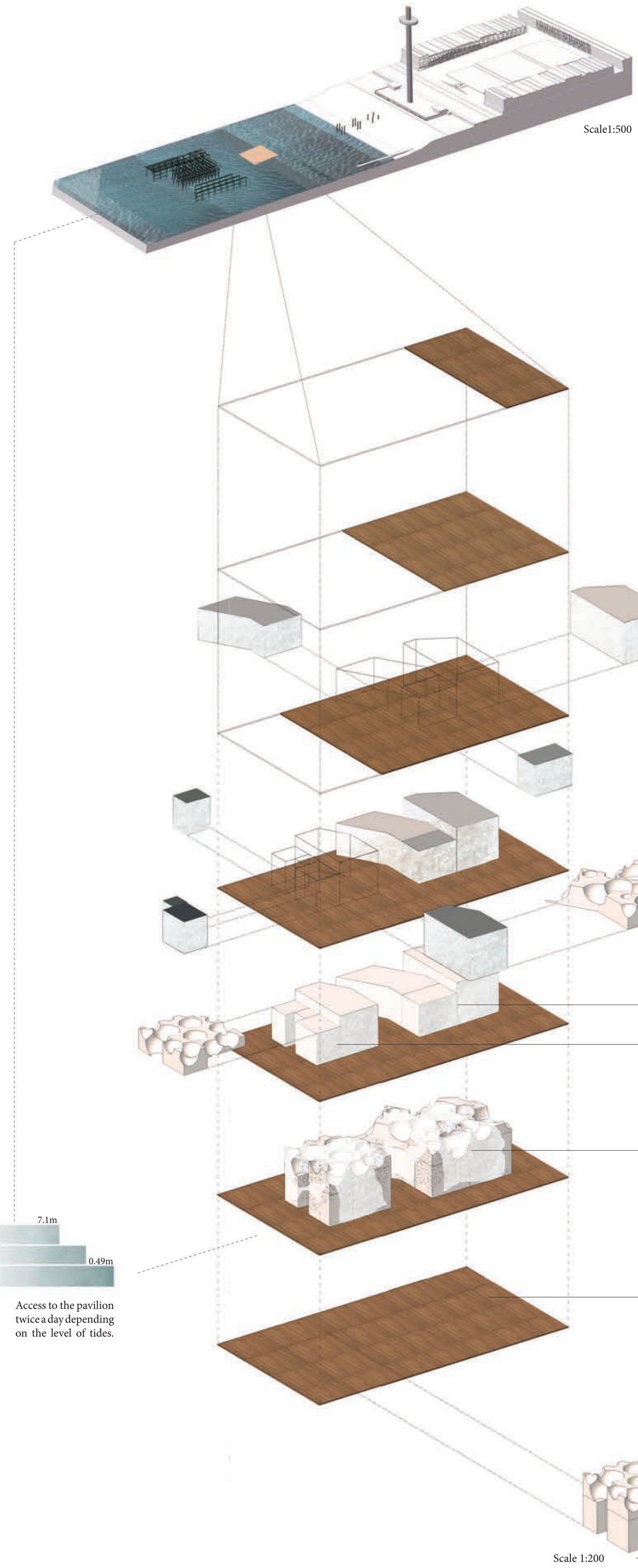
Items identifiable as Laboratory equipment.

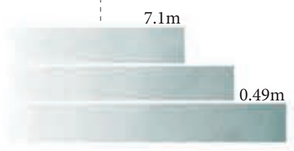
Darker the colour more association with Laboratory environment.

Important equipment in the Lab.

Frequency of use in the Lab

TIMELINE





Access to the pavilion twice a day depending on the level of tides.

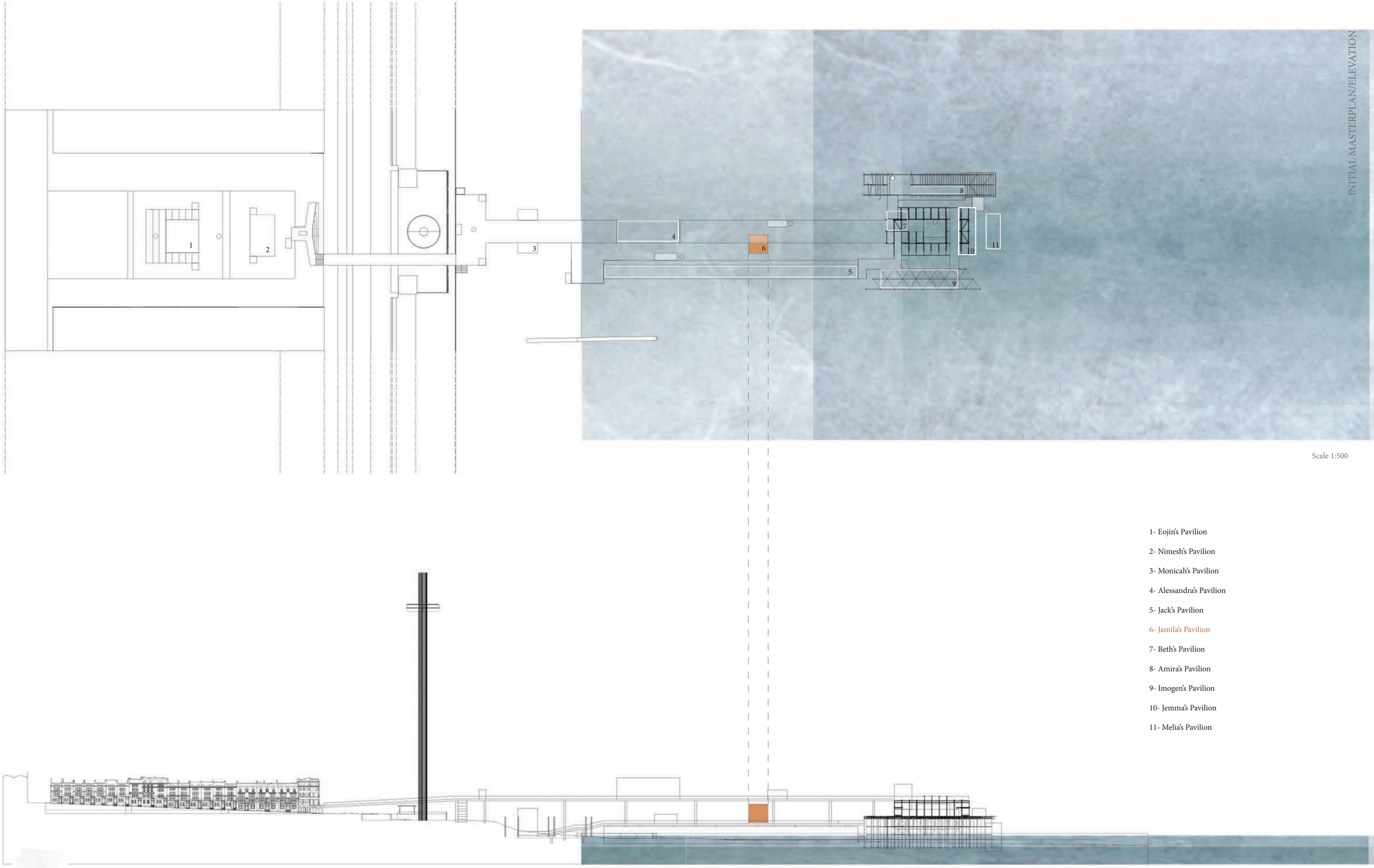
August 2020 - August 2021

September 2021 - March 2022

April 2022 - November 2022

March 2022

UnderSkin



Scale 1:500

1- Eojin's Pavilion

2- Nimesh's Pavilion

3- Monicah's Pavilion

4- Alessandra's Pavilion

5- Jack's Pavilion

6- Jamila's Pavilion

7- Beth's Pavilion

8- Amira's Pavilion

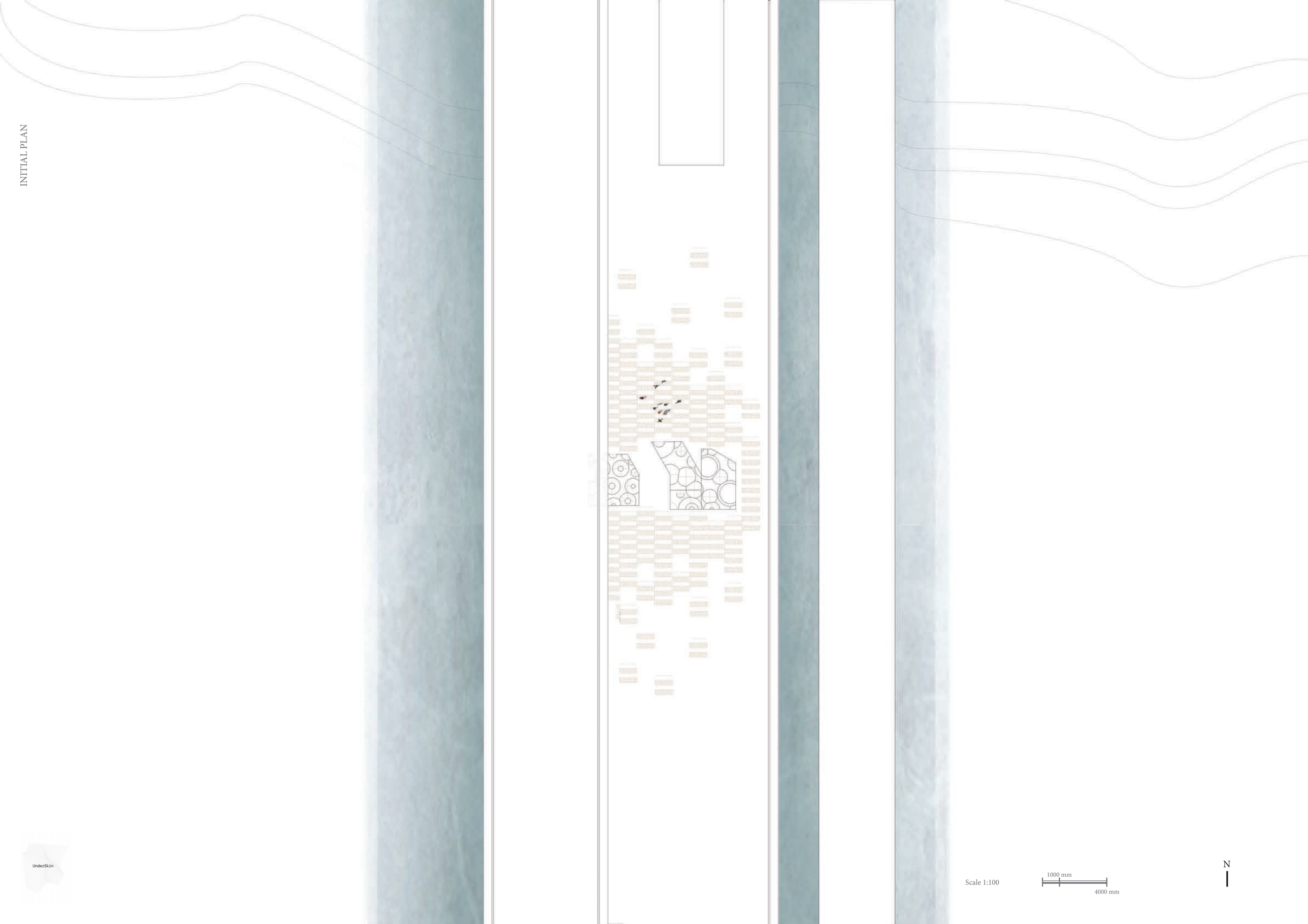
9- Imogen's Pavilion

10- Jemma's Pavilion

11- Melia's Pavilion

Scale 1:500

INITIAL PLAN



Scale 1:100

1000 mm

4000 mm

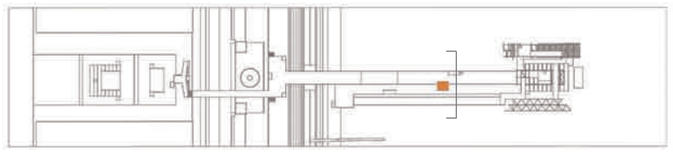
N

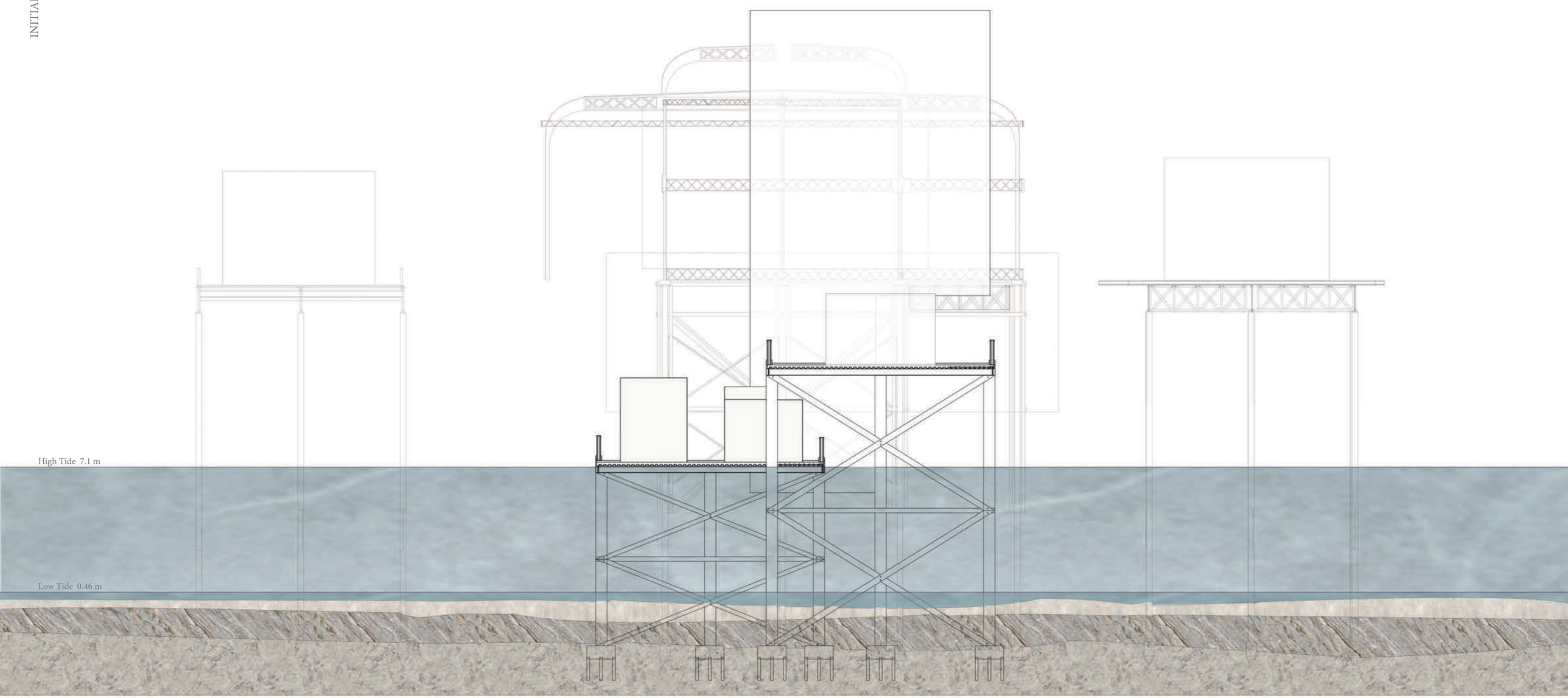
High Tide 7.1 m

Low Tide 0.46 m

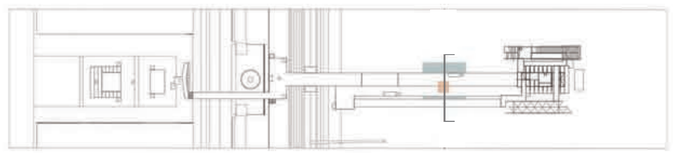
Scale 1:50

UnderSkin

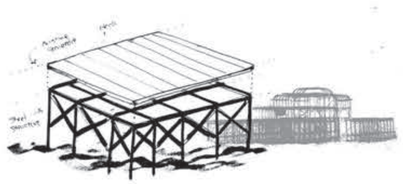


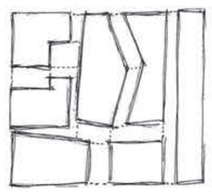


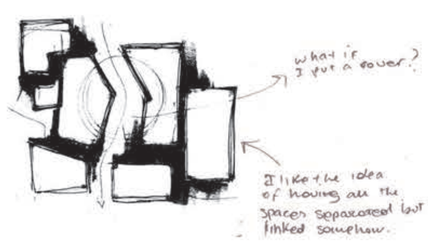
Scale 1:100



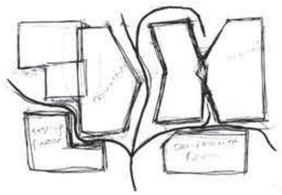
VOLUMES AND FORMS

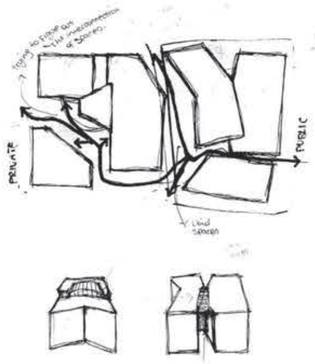


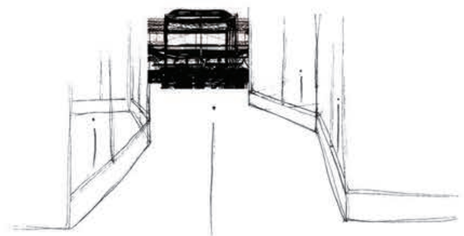


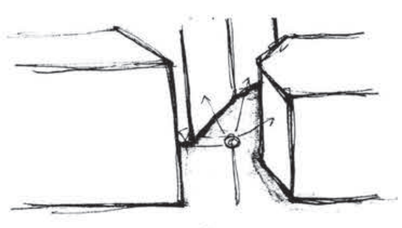


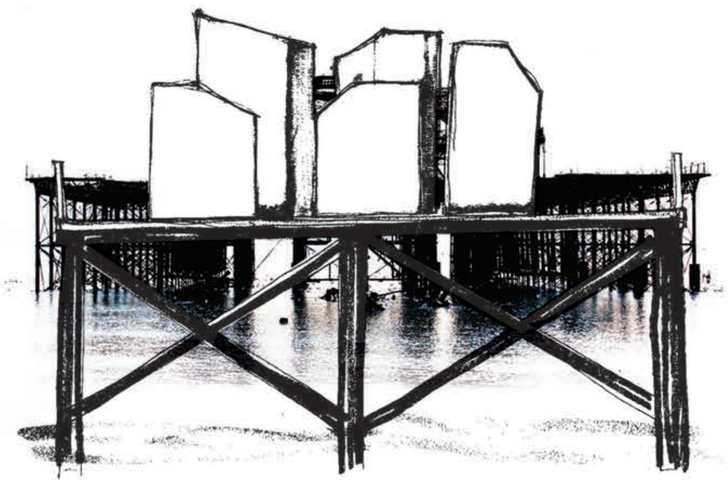
CIRCULATION AND SIGHT INTERACTION







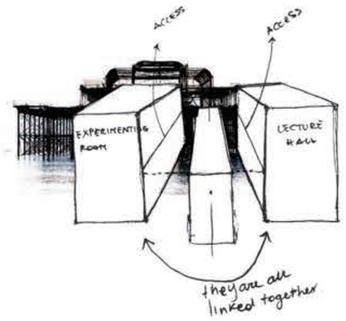


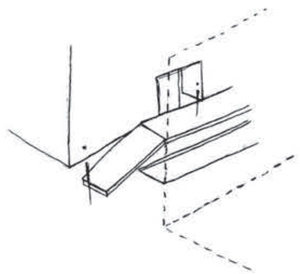


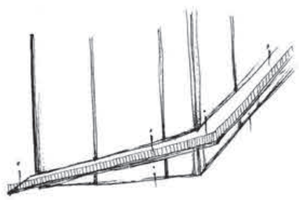
An initial understanding of basic forms that are separeted yet linked through the aspect of sight interaction.

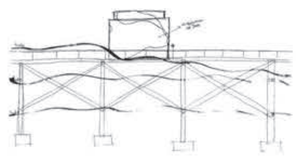
UnderSkin

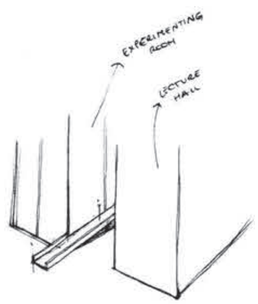
CONNECTIONS

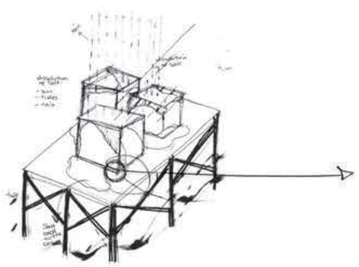


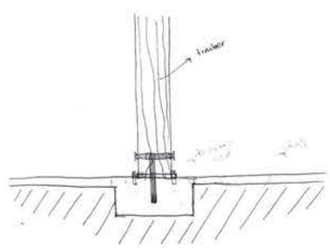


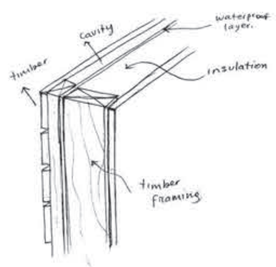




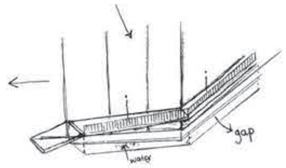


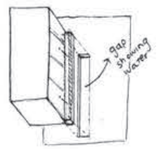




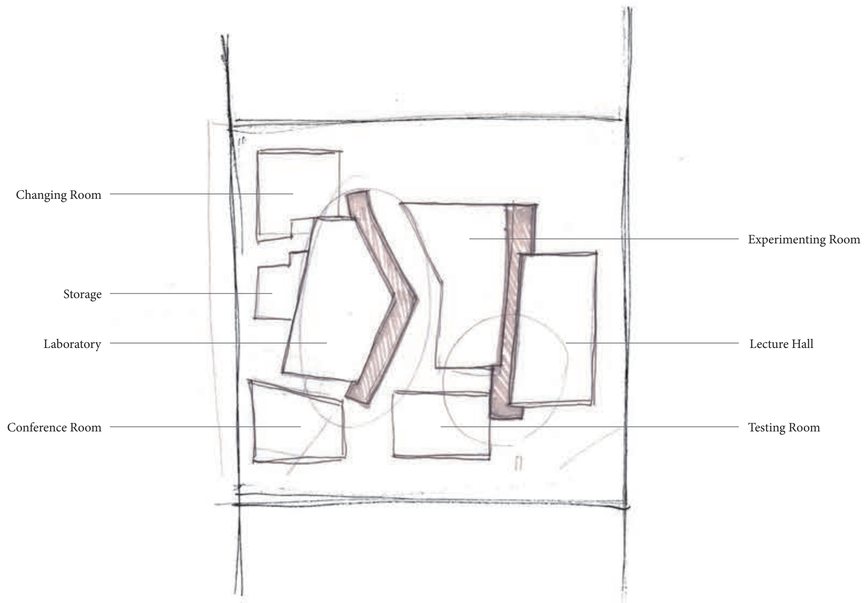


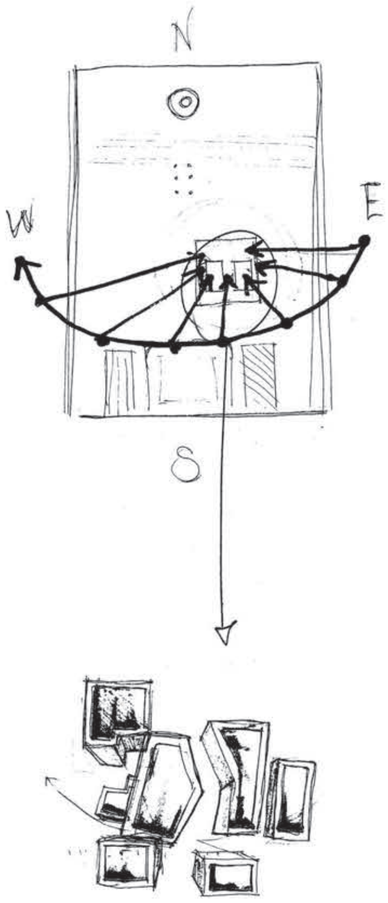
TEMPORARY ELEMENT AND STRUCTURE

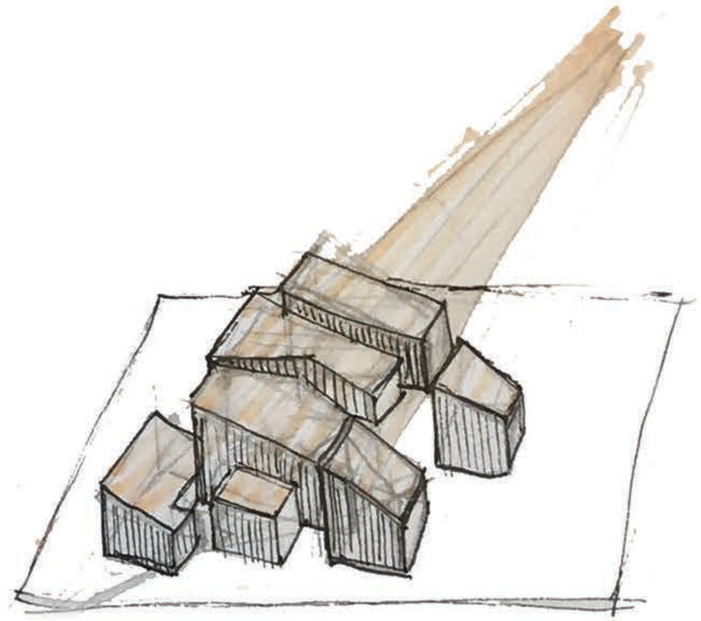




Keeping in mind the element of sight interation, I felt the need to create different hights of access so that the public is able to visually experience the Laboratory.





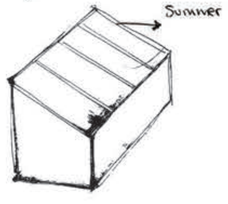


The aspect of natural light is an important element in my pavilion.

I am showing the initial approach to light depending on the different environmental needs for each space.

TESTING ROOM

High windows for Privacy.

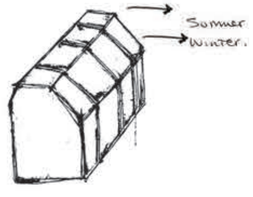


CONFERENCE ROOM

lifted up from the ground so people can walk underneath.

LAB

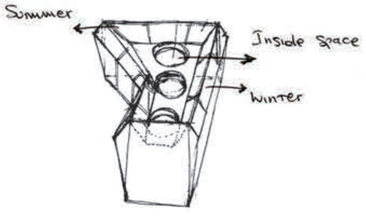
I need light on the east side of the building



CHANGING ROOM

Facing North for light in the morning

EXPERIMENTING ROOM

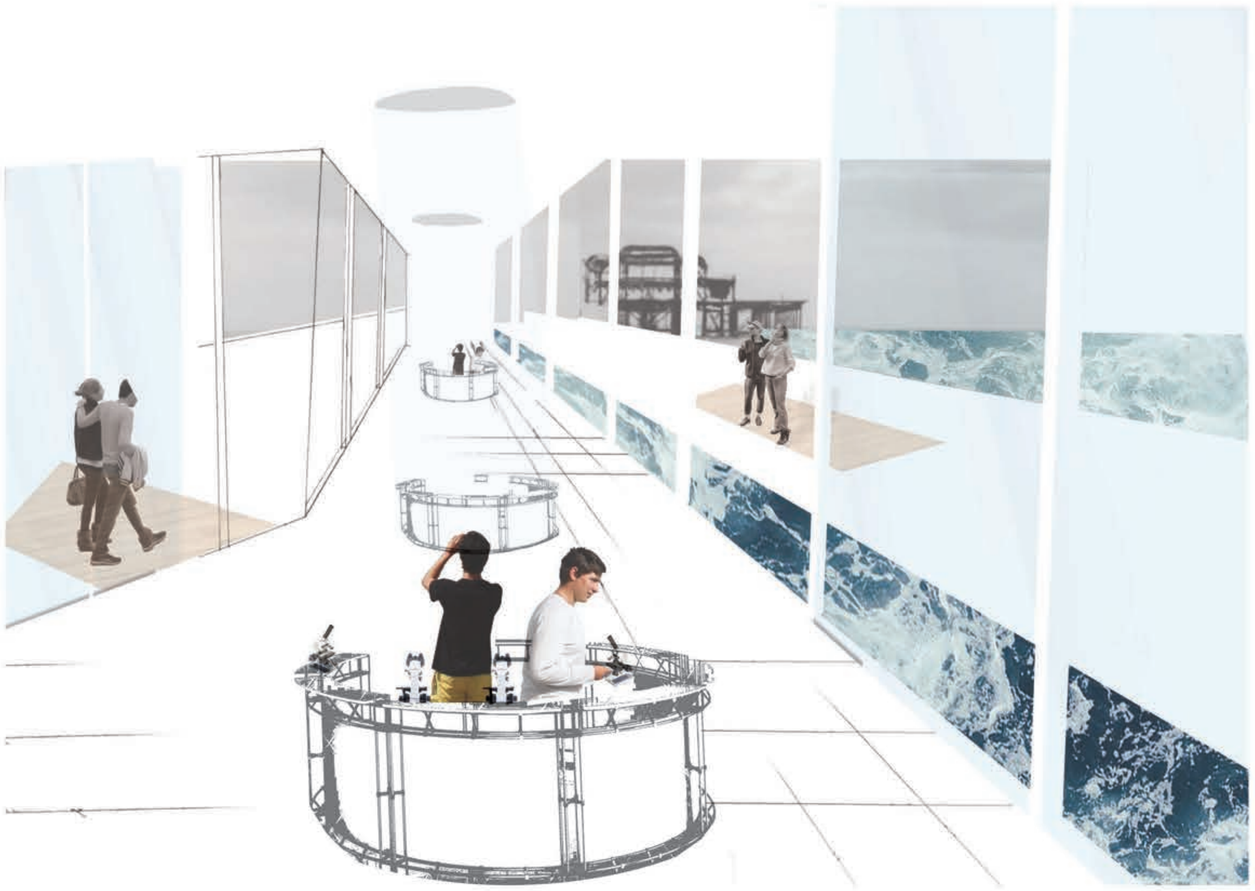


LECTURE HALL

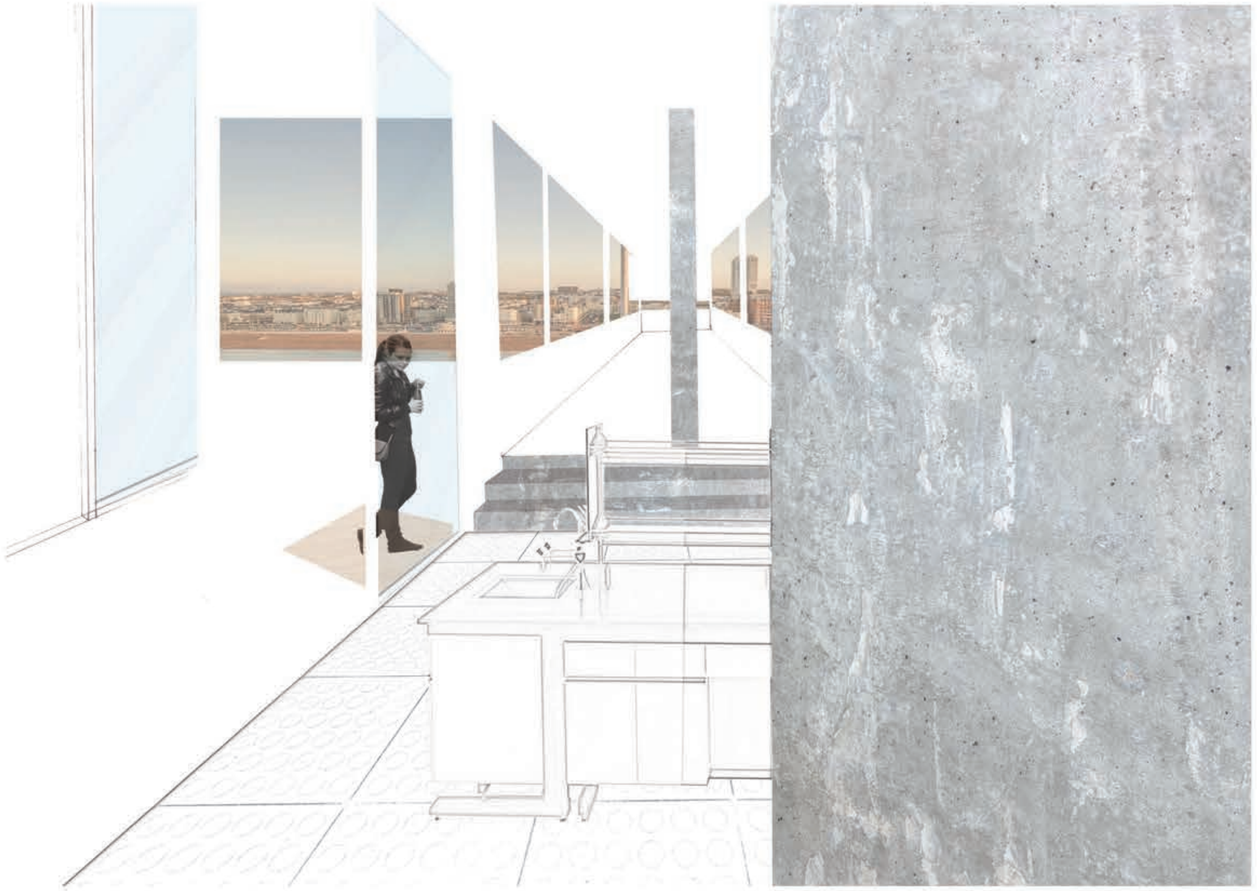
lectures only during the day.

STORAGE

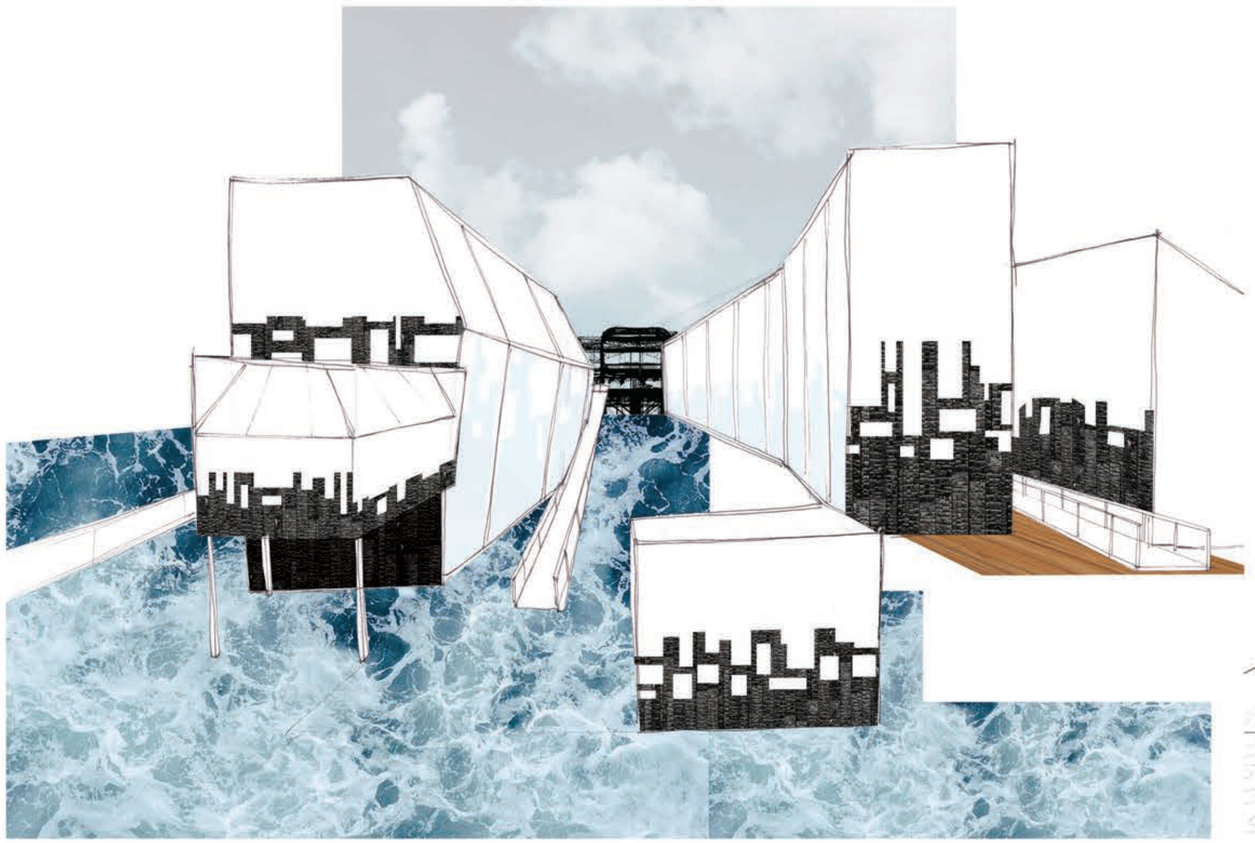
No windows, environmental requirements



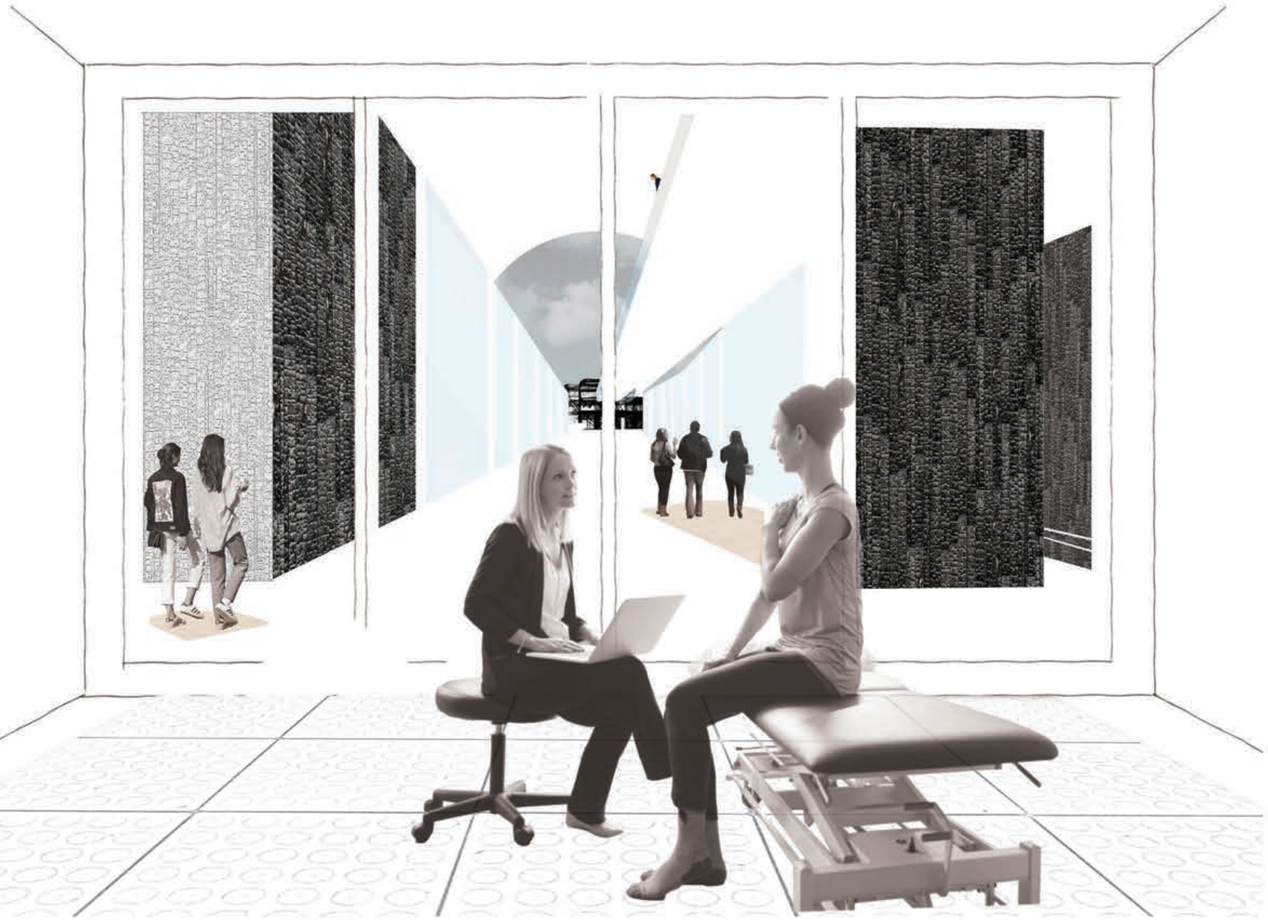
EXPERIMENTING ROOM



LABORATORY

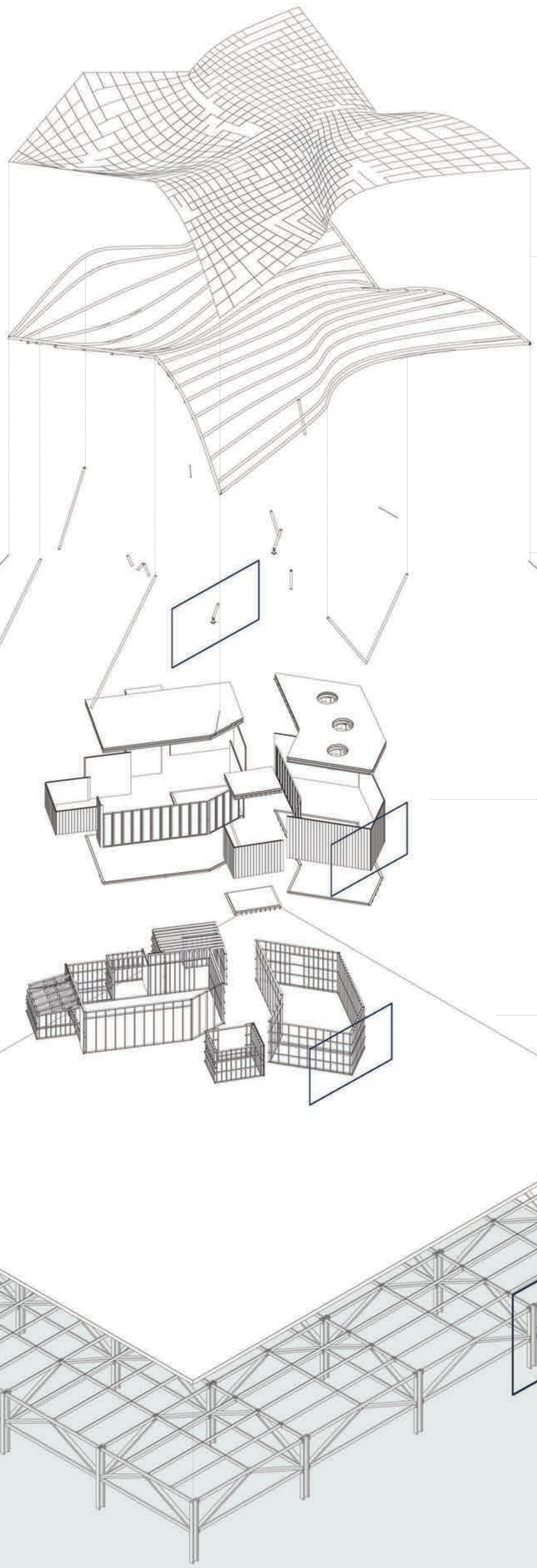


TEMPORARY ELEMENT - OVERALL VIEW OF THE PAVILION

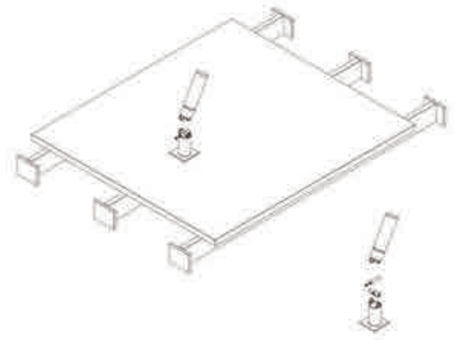


TESTING ROOM

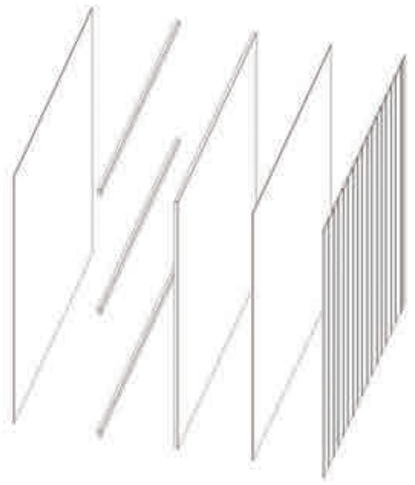
EXPLODED AXONOMETRIC



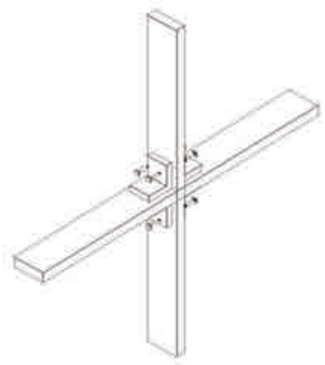
Scale 1:100



Scale 1:50 Detail supporting the skin



Scale 1:50 Exploded wall

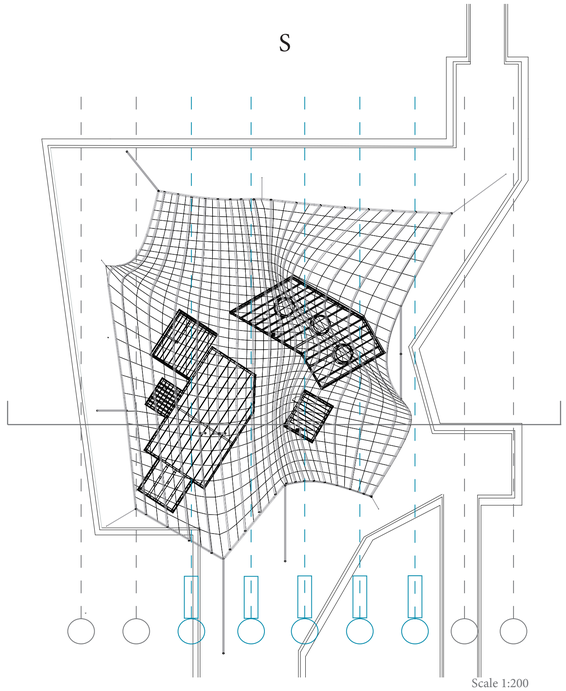


Scale 1:20 Detail wooden structure

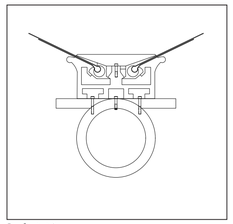
Scale 1:50 Exploded steel structure

An initial understanding of the different components that form my pavilion.

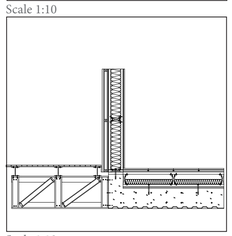
SYSMAT - PERSPECTIVE SECTION



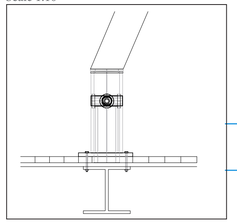
Scale 1:200



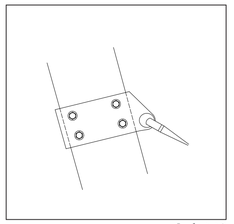
Scale 1:10



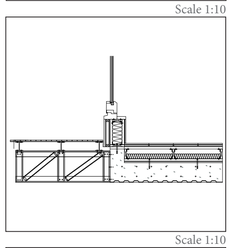
Scale 1:10



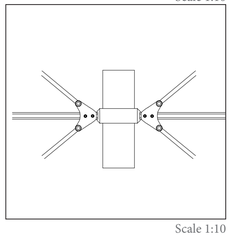
Scale 1:10



Scale 1:10

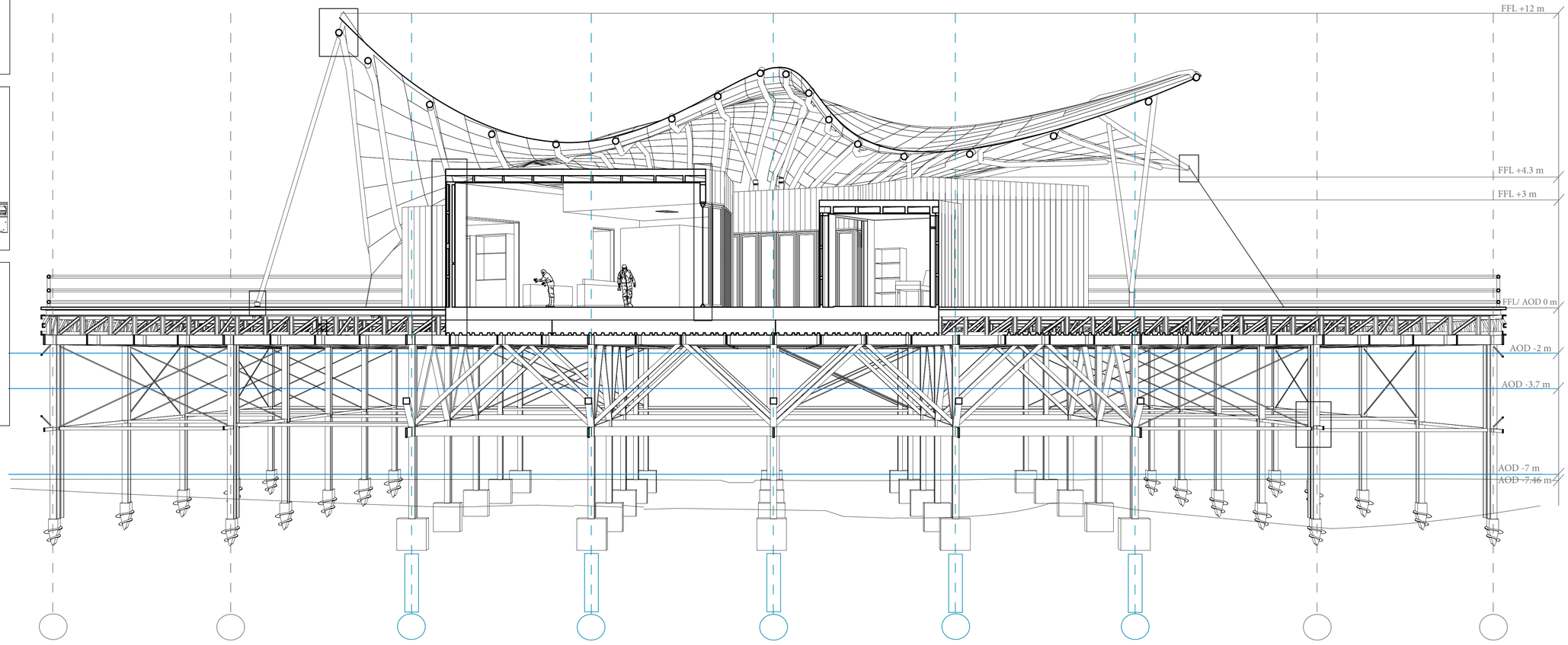


Scale 1:10



Scale 1:10

N



Scale 1:100

FFL -Finish Floor Level

AOD - Above Ordnance datum

CONTEXTUAL PLAN

N

1

2

3

Scale 1:200

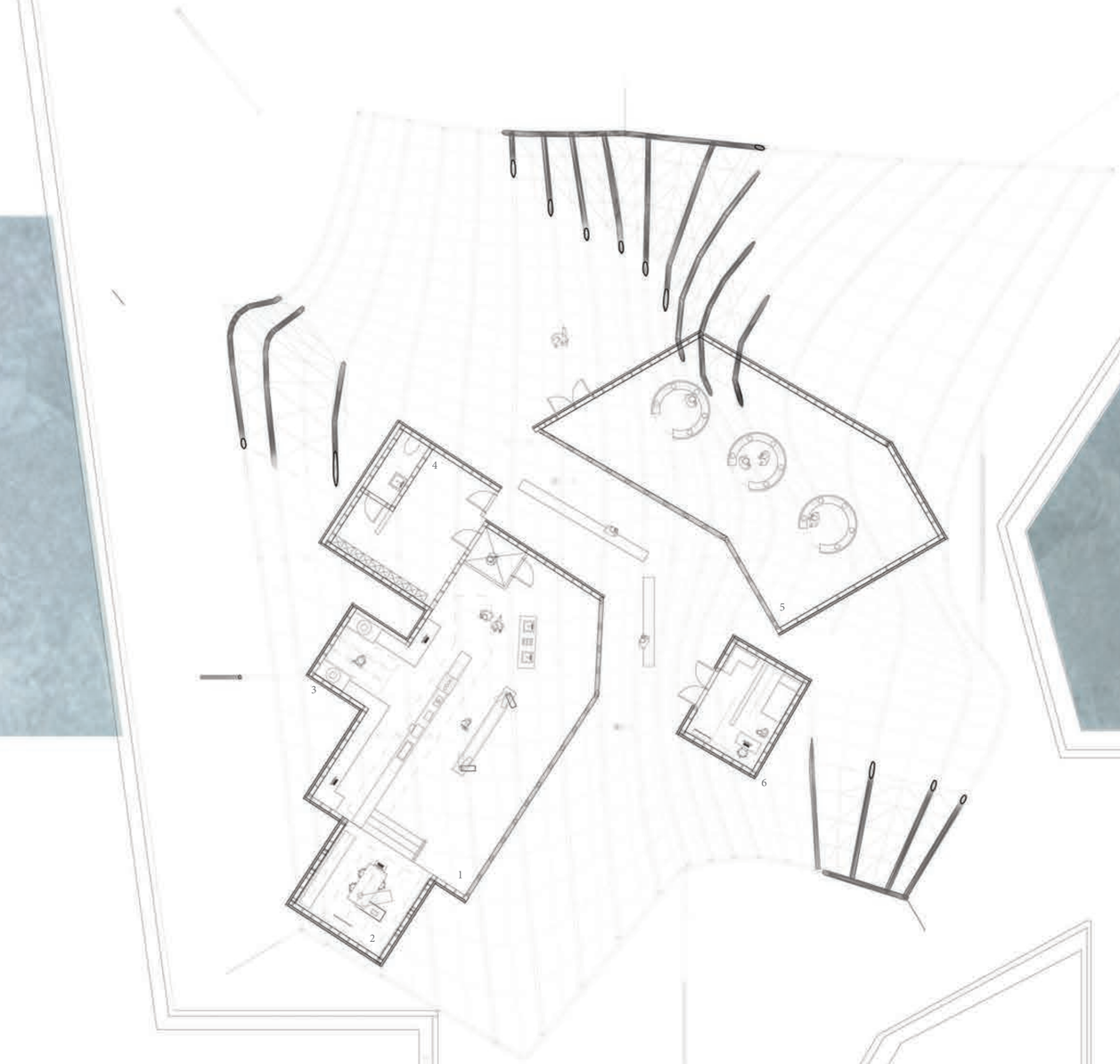
1 - Jack's pavilion

2 - Beth's Pavilion

3 - Amira's Pavilion

PLAN

N



1 - Laboratory

2 - Conference Room

3 - Storage

4 - Changing Room

5 - Experimenting Room

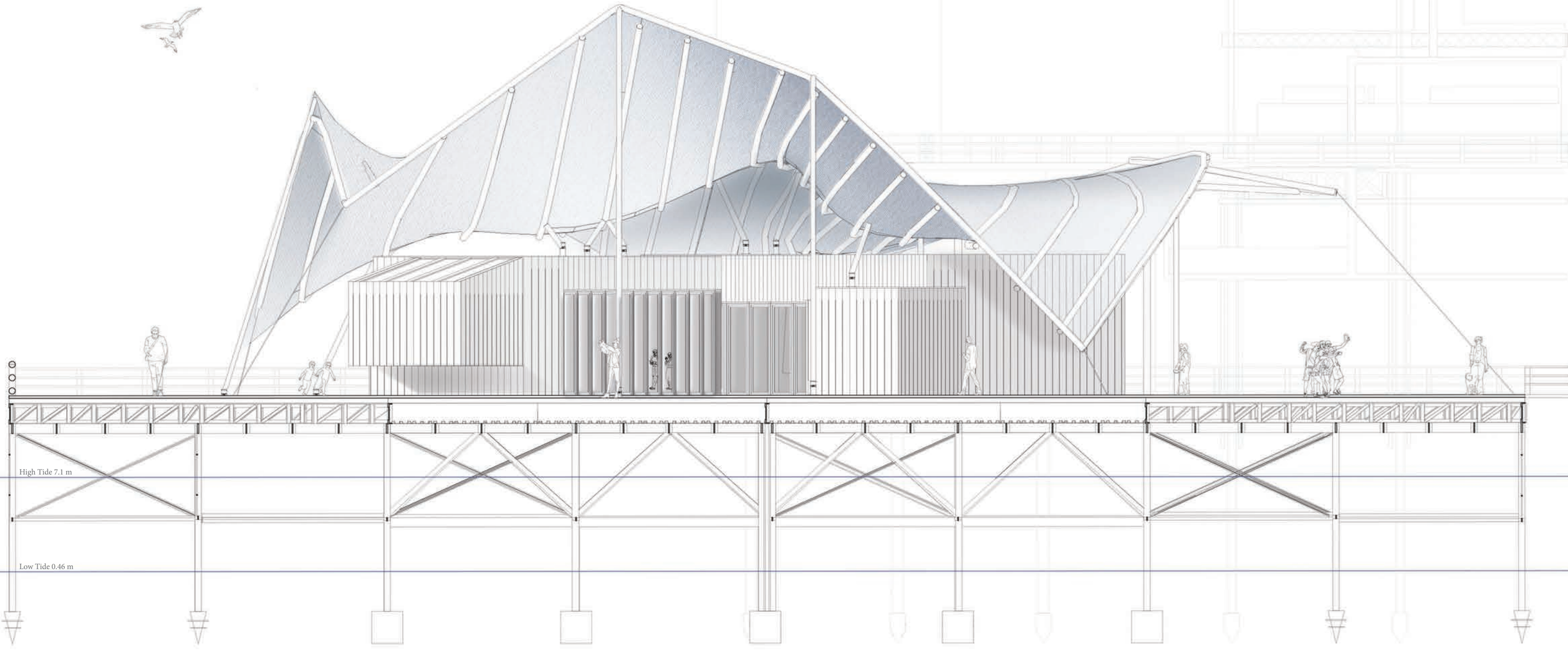
6 - Testing Room

Scale 1:50

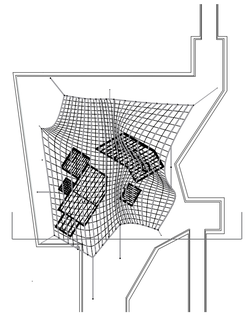
1000 mm

4000 mm

UnderSkin

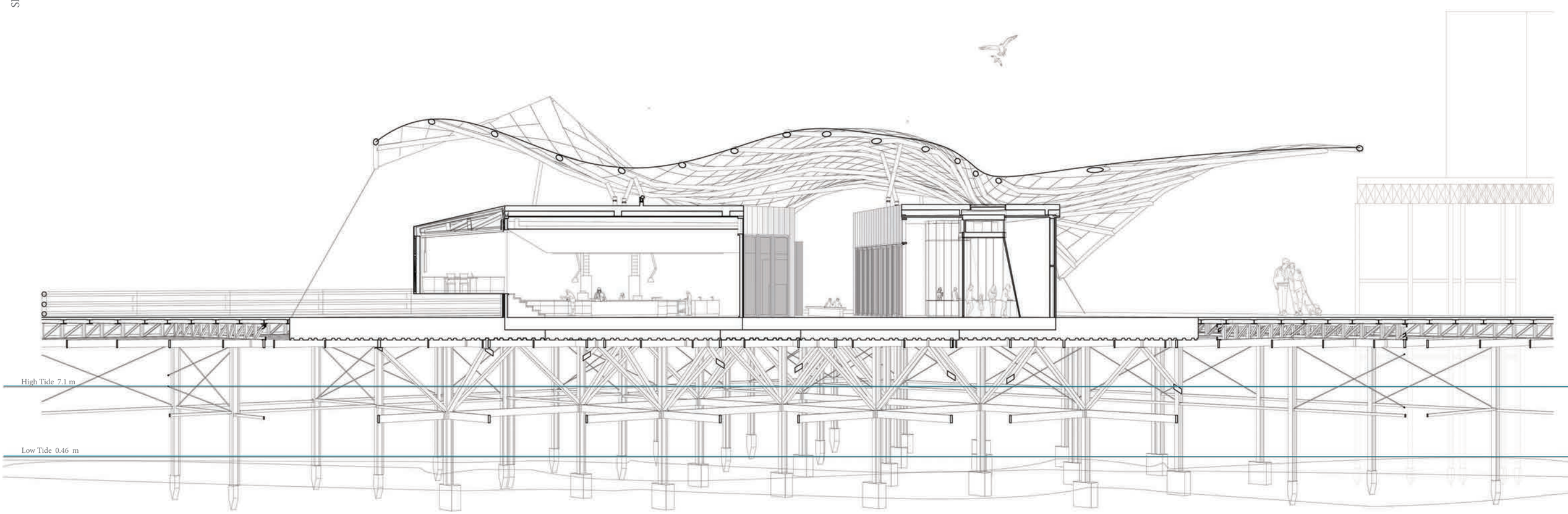


Scale 1:50

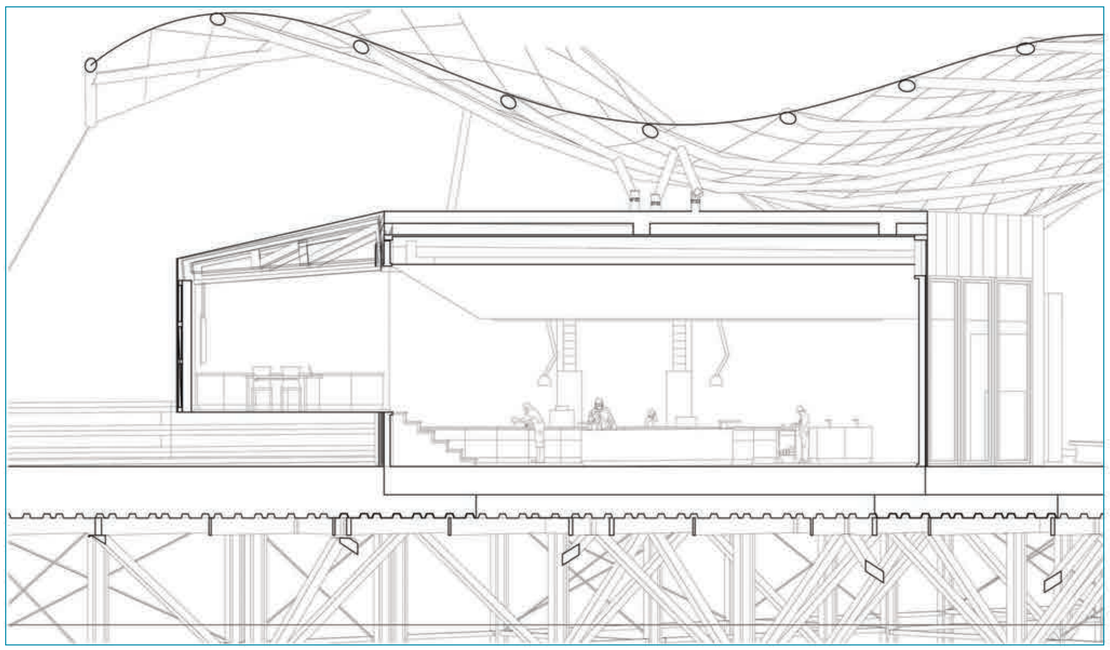


UnderSkin

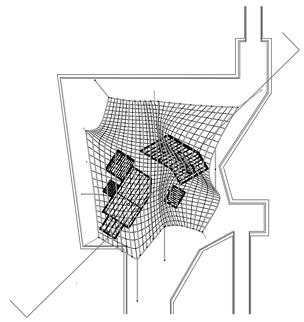
SECTION



Scale 1:100



Detail not to scale

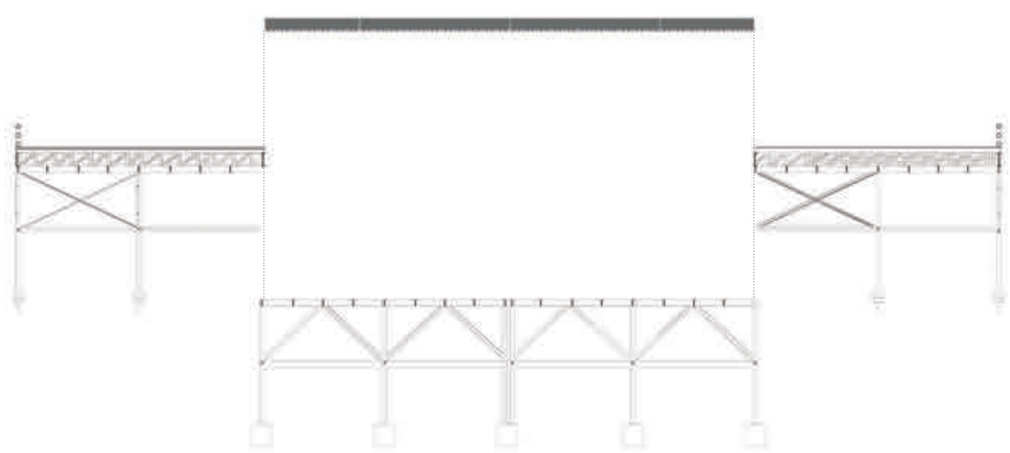


Illustrating the process of the concrete base of the pavilion from when it is constructed to until the end of the Festival.

What is there before

Scale 1:200

What is there part through construction



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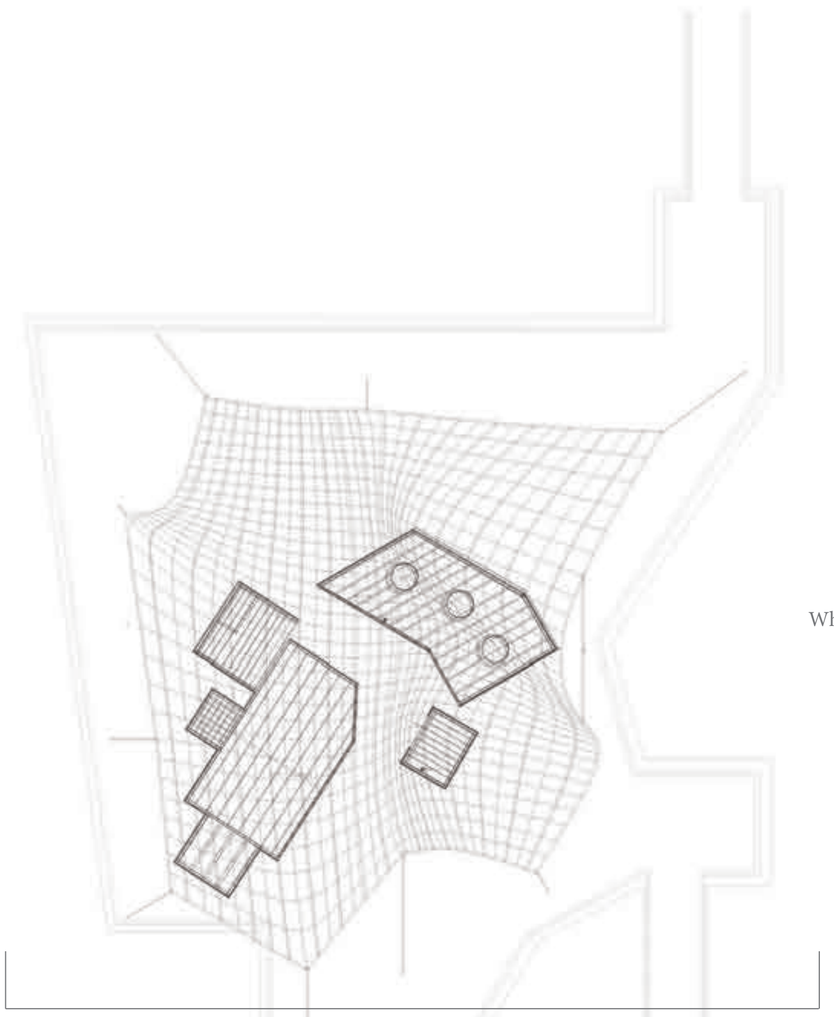
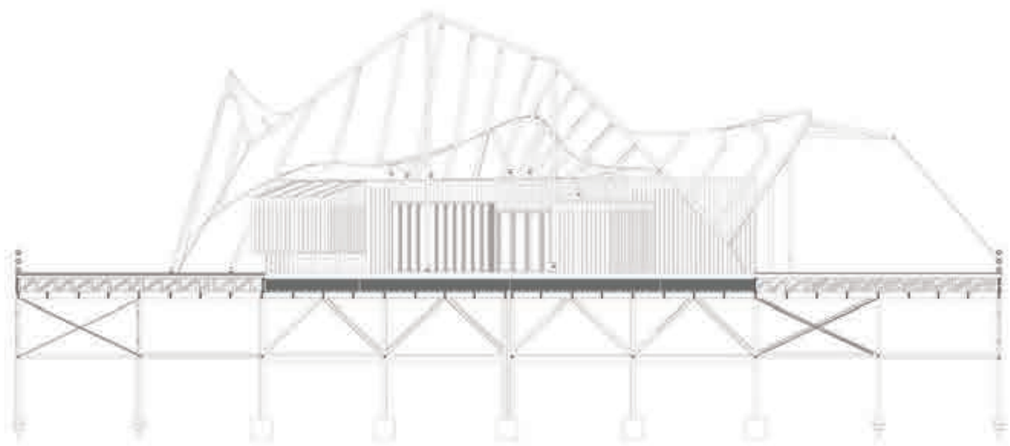


Scale 1:100

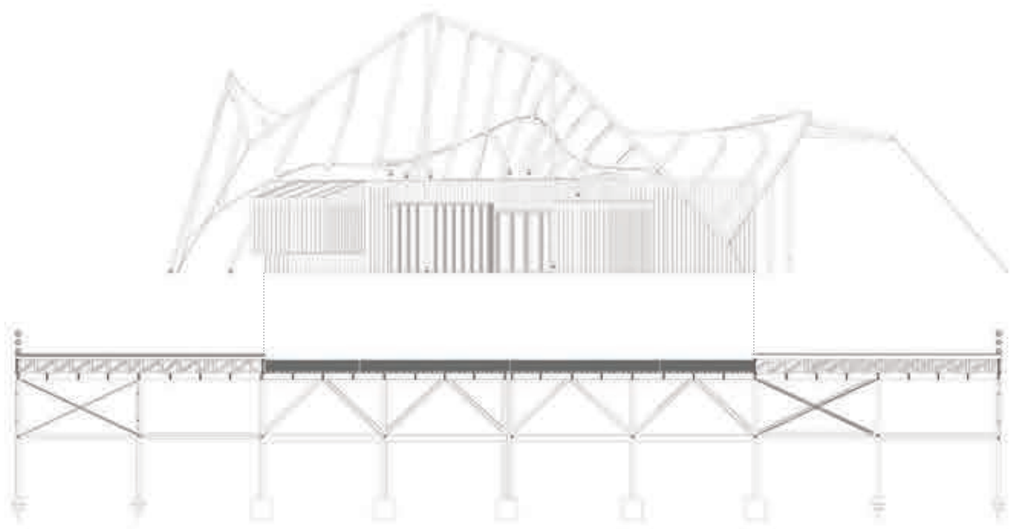
What is there when constructed



Scale 1:200

After the festival, the pavilion is going to be situated next to the Cancer Research at Royal Sussex County Hospital so it can continue its research against the skin cancer.

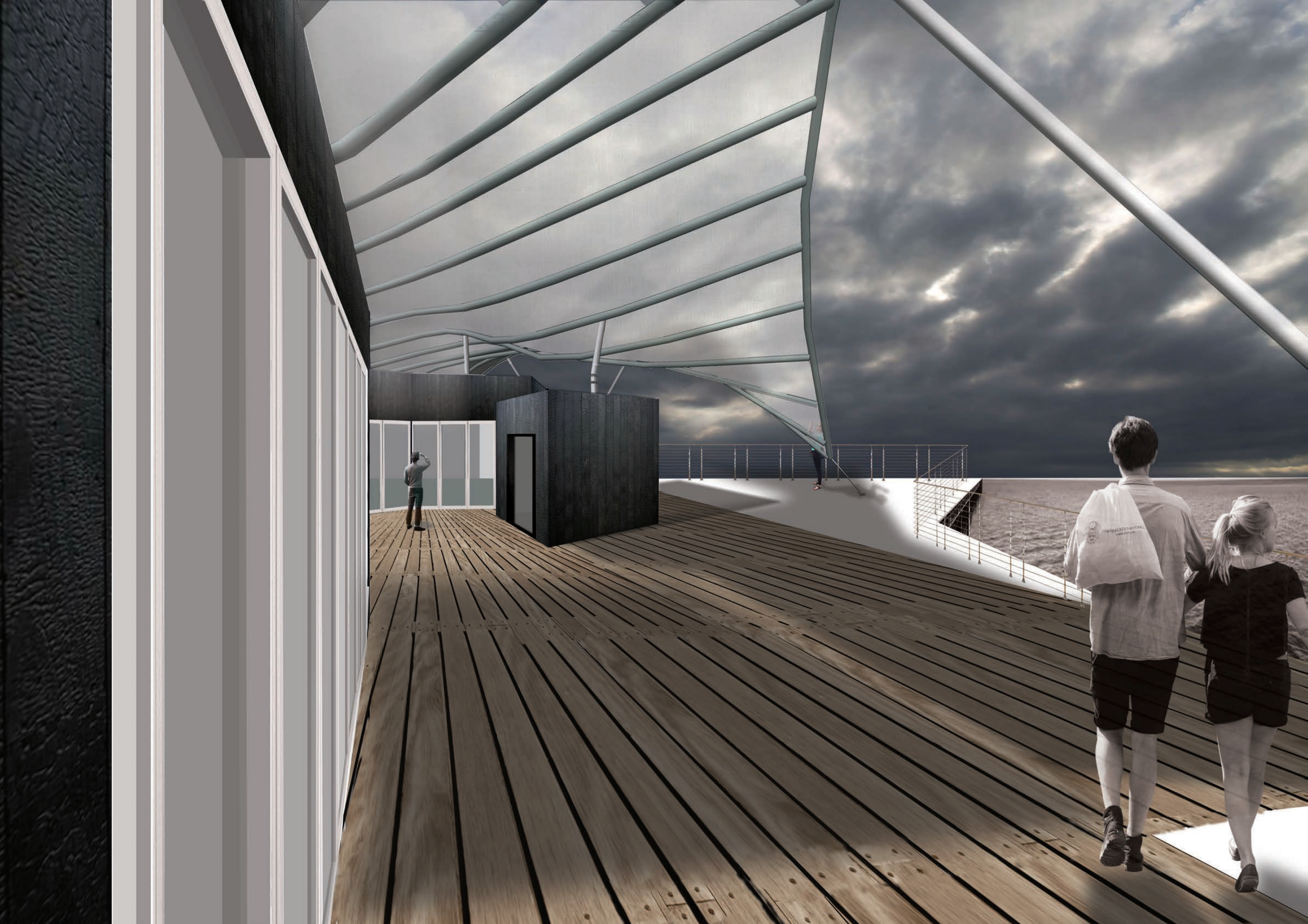
When it is taken away

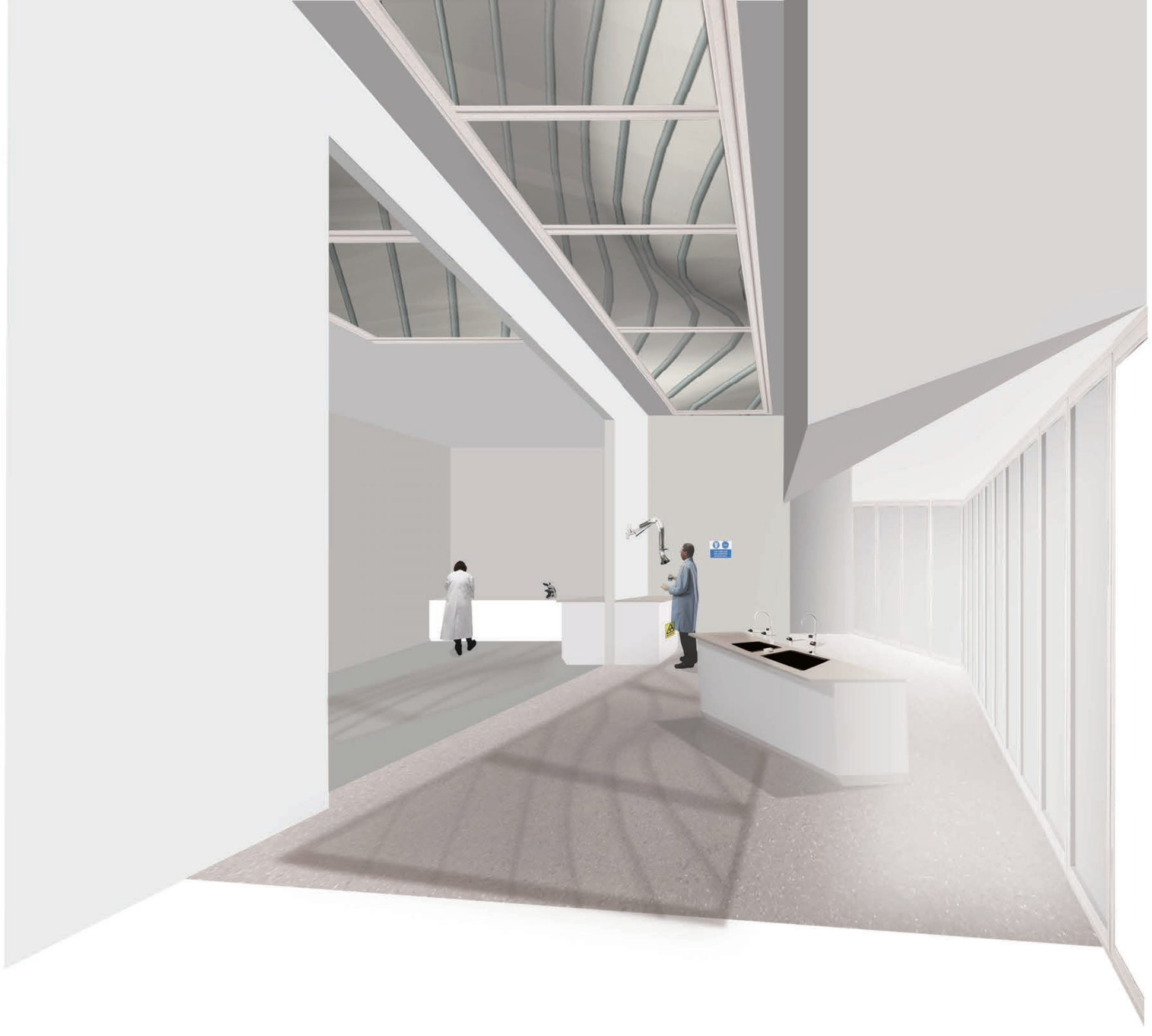


Scale 1:200

What is left after the Festival

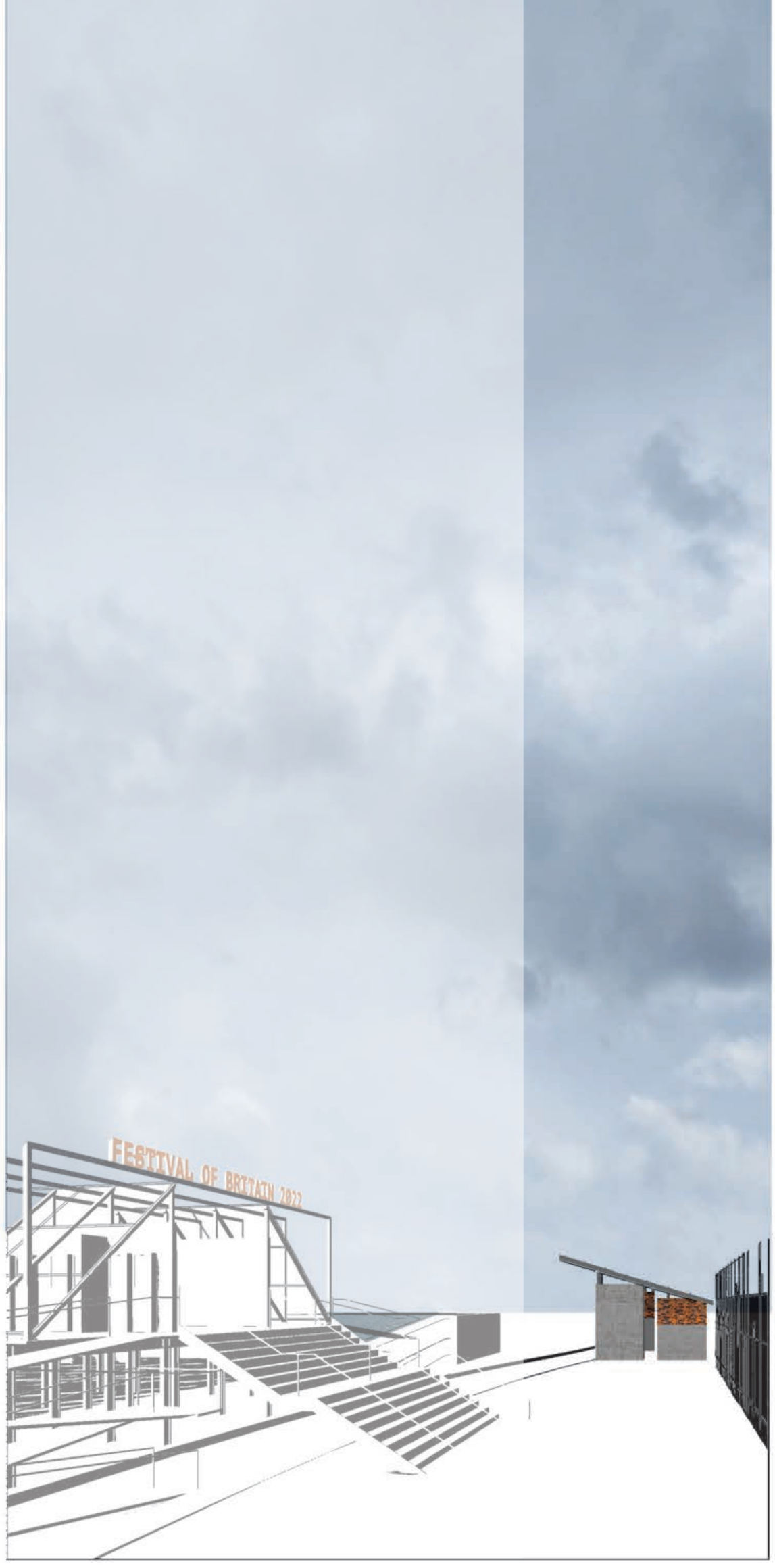
Scale 1:200





Showing the journey of the pavilion after the Festival

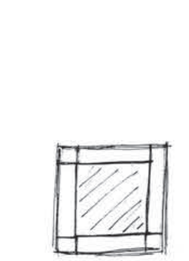
UnderSkin

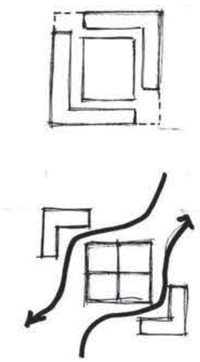


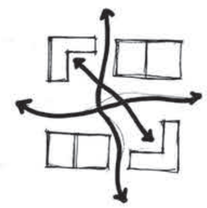
TOILETS

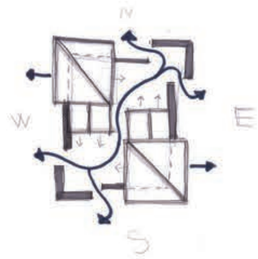
Infrastructure

LAYOUT AND CIRCULATION

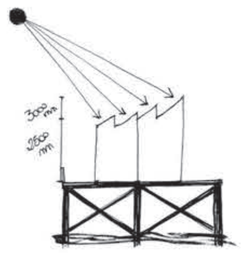


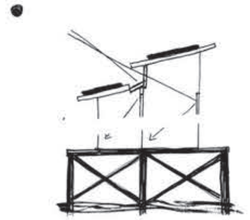


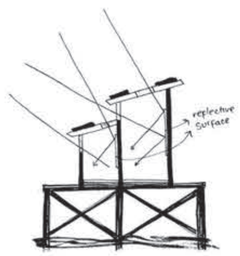


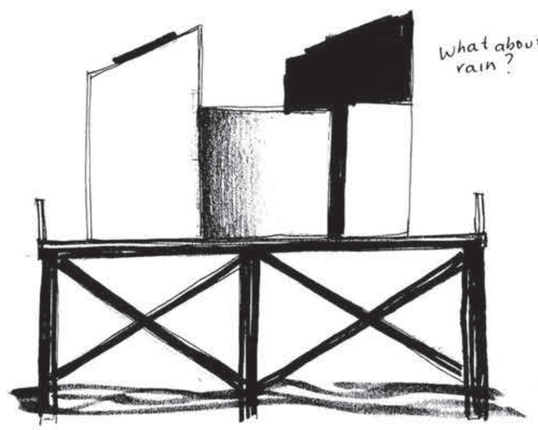


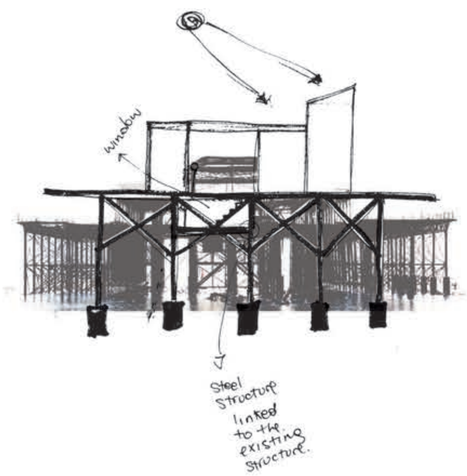
LIGHT

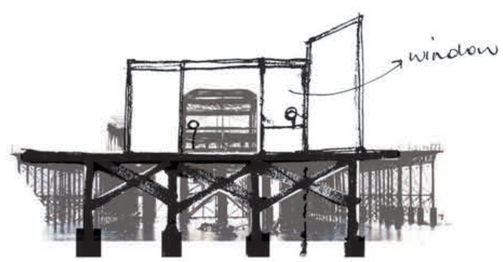






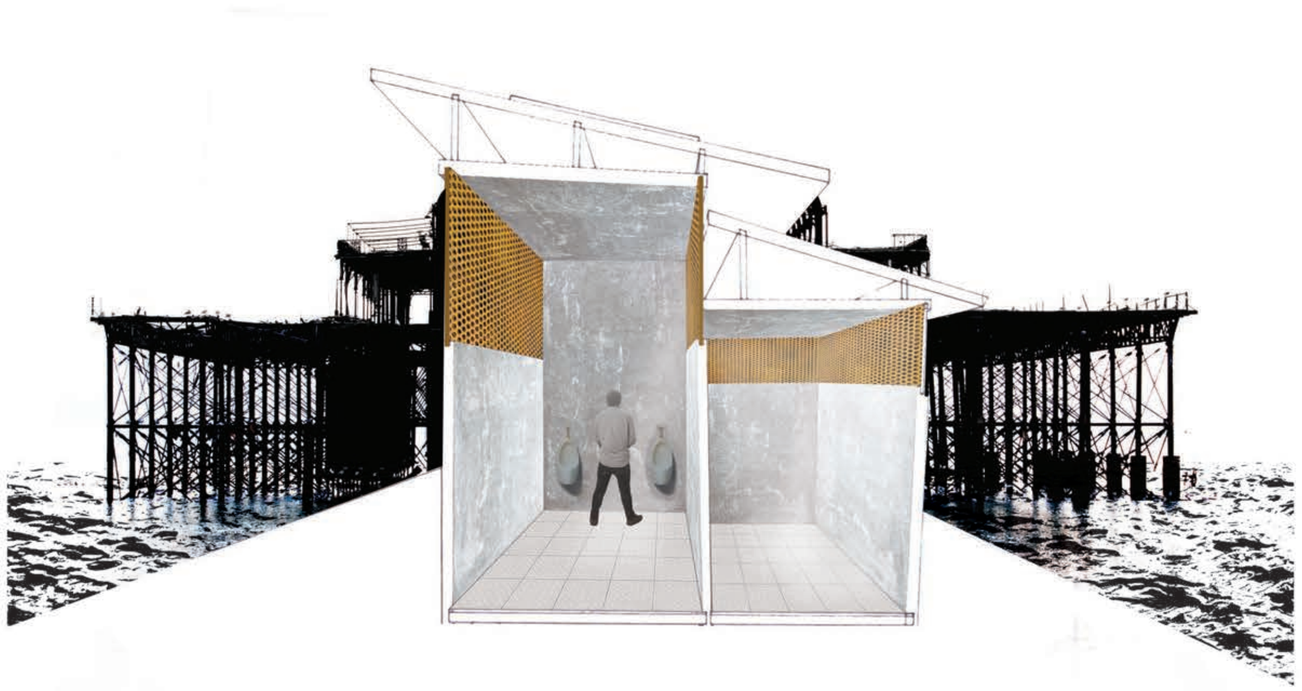




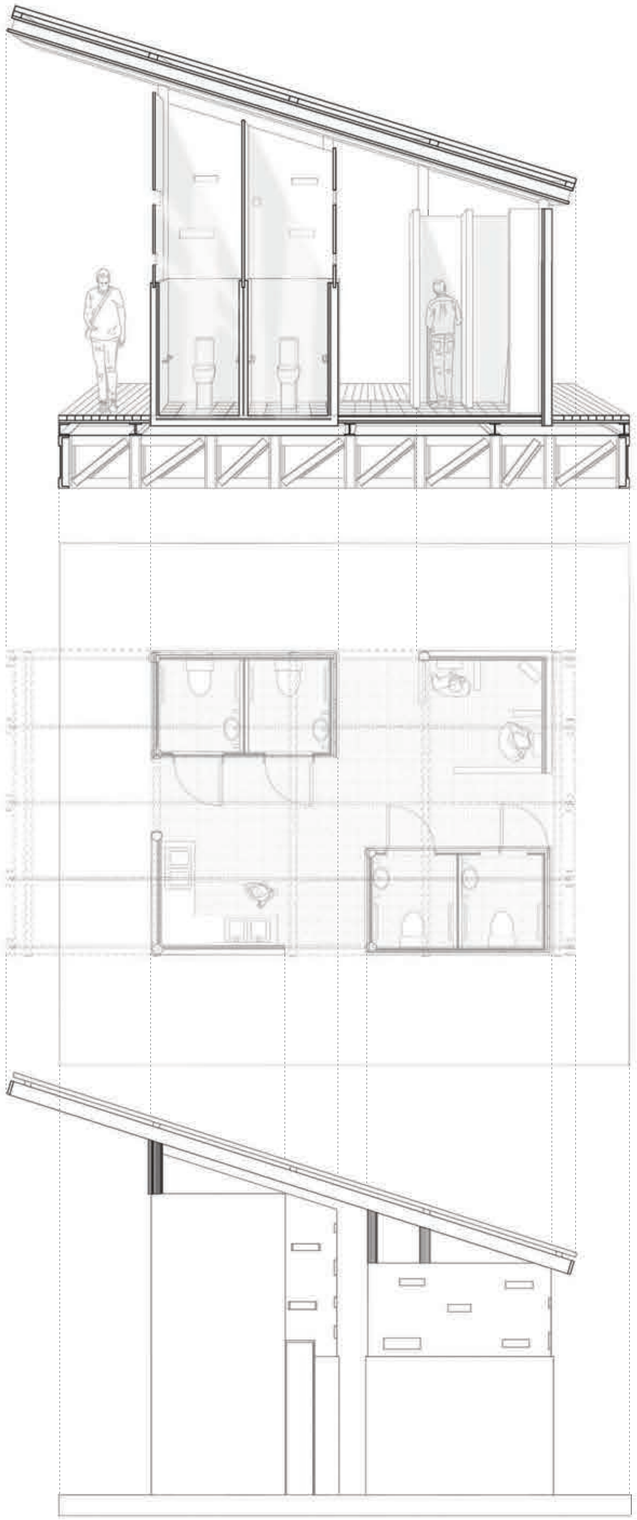


Showing the development of the toilets' design in which I separate the units to create routes. This aspect has been inspired from the split volumes of my pavilion.

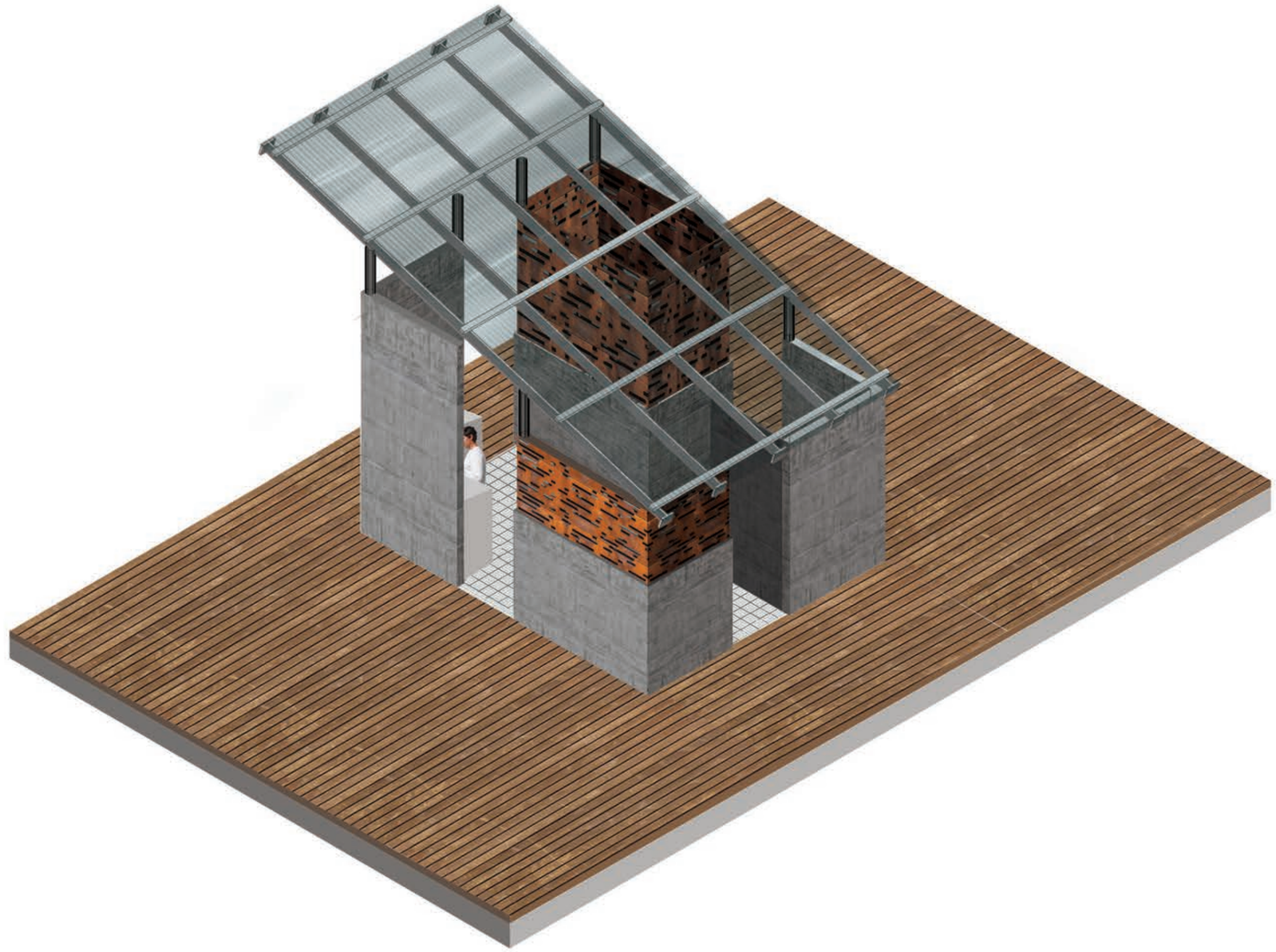
MATERIALITY



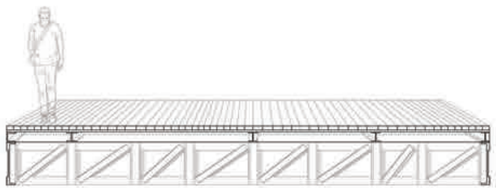
TOILETS



Scale 1:50 @ A1

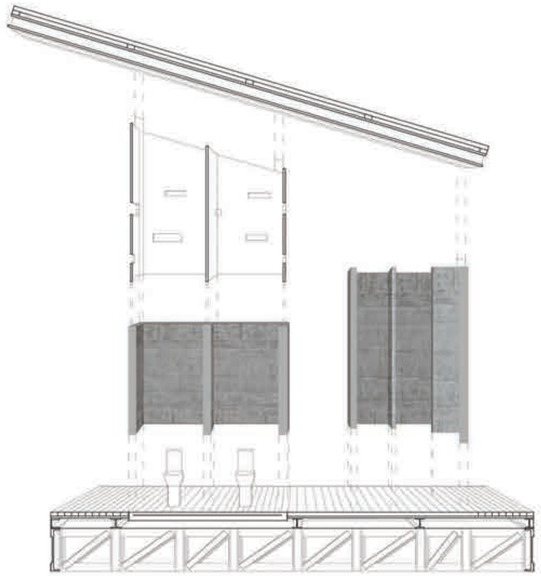


Rendering in Scale 1:50



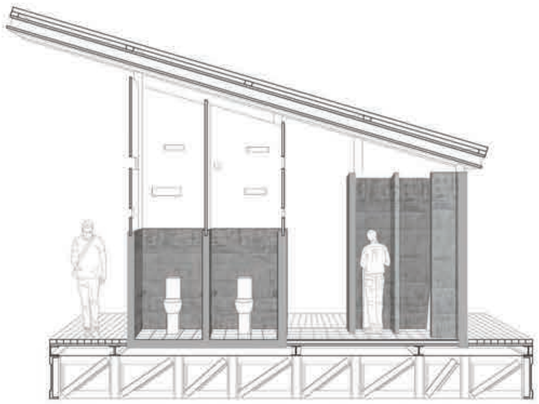
What is there before

Scale 1:50



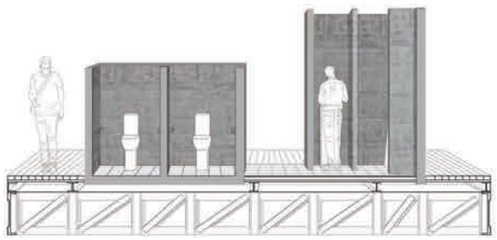
What is there part through construction

Scale 1:50



What is there when constructed

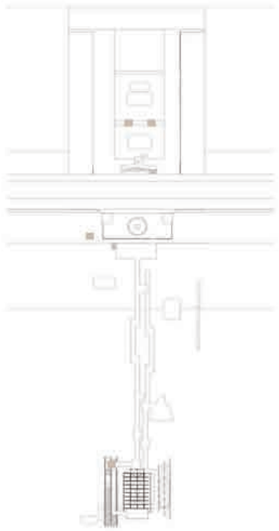
Scale 1:50



What is left

Scale 1:50

Masterplan showing the location of the toilets



Scale 1:50

Illustrating the different stages of the concrete walls from when the toilets are constructed to until the end of the Festival, when the rest of the materials are going to be recycled.

1

Feel the Bioplastic
Eojin Jo

Takeaway restaurant and bioplastic workshop celebrating British takeaway culture and introducing recycling system. Bioplastic food plates will be recycled into creative objects in the workshop.

2

This stage will house several events from different genres of musicians and some performance artists from around Britain.

Music Performance
Nimesh Serma

3

Fabric Museum
Monicah Matereke

A museum showcasing different fabric patterns, colors, and textures from countries around the world to represent culture and heritage.

4

A place to learn about and create all types of metal artifacts while focusing on the history and construction of the West Pier steel piles. A permenant bridge will be built over the duration of the festival.

Metal Casting Workshop
Jack Hovell

5

Textile Exhibition
Alessandra Panzeri

The pavilion hosts an exhibition that celebrates women's strength and achievements throughout pieces of textile design and pattern printing made in Britain.

6

UnderSkin
Jamila Daouma

Dedicated to gaining a deeper understanding of Melanoma, the pavilion hosts a skin cancer research lab in order to celebrate the many British medical achievements and inventions so that the public can learn and be inspired from.

7

Exhort - The Essence of Obsolesce
Beth Richardson

A vibrant Hub for activists making up the organisation Extinction rebellion. XR enthusiasts, as well as curious members of the public are invited to participate in the daily workshops and performances emphasising the issues regarding climate change.

8

This bar displays the different effects of the natural elements of site by featuring several systems and materials that will adapt and change over the course of the festival. A place to socialise, rest, view, and observe.

Natural Mixup
Amira Madbouly

9

Framton Film Exhibit
Jemma Gaisford

An exhibition space celebrating British Animated Shorts, with a changing exhibition each month highlighting an array of artists and creators.

10

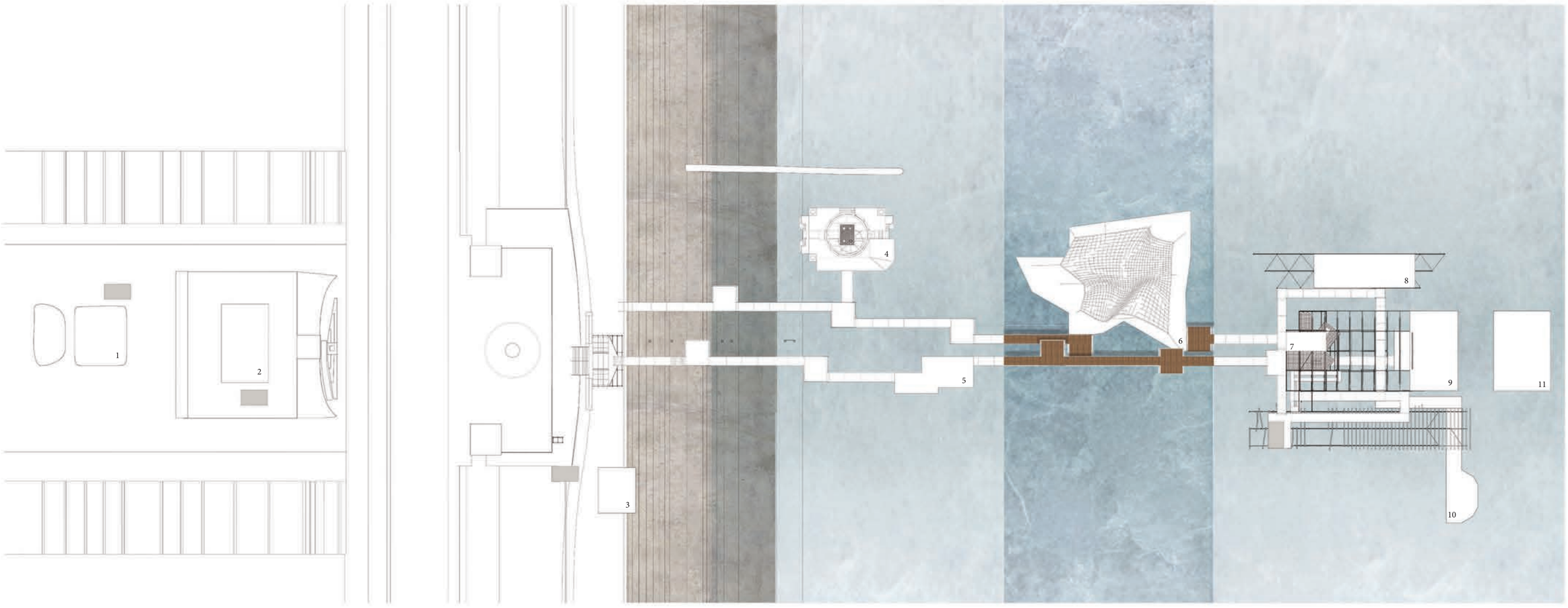
Lacuna Escape
Imogen Province

A sensory salt water spa experience immersed in the natural elements of the West Pier. A place to escape and revitalise.

11

A sensual experience of kinetic energy. Through this exhibition a sense of freedom is evoked, when nature meets the structure it purifies all forms. Allowing the expression of lovement.

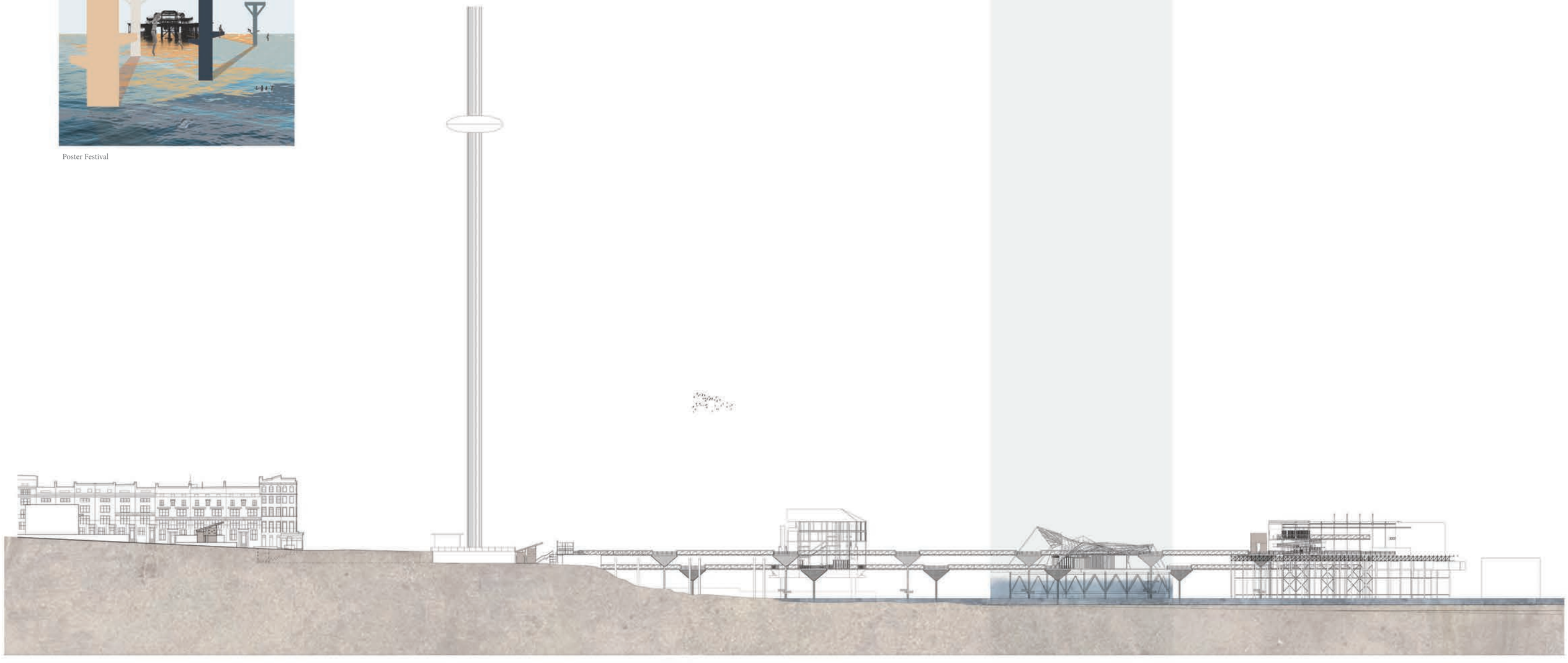
Reverse Inertia
Maria Alexandra Papadopoulou



Scale 1:500

Toilets

Poster Festival



Scale 1:500