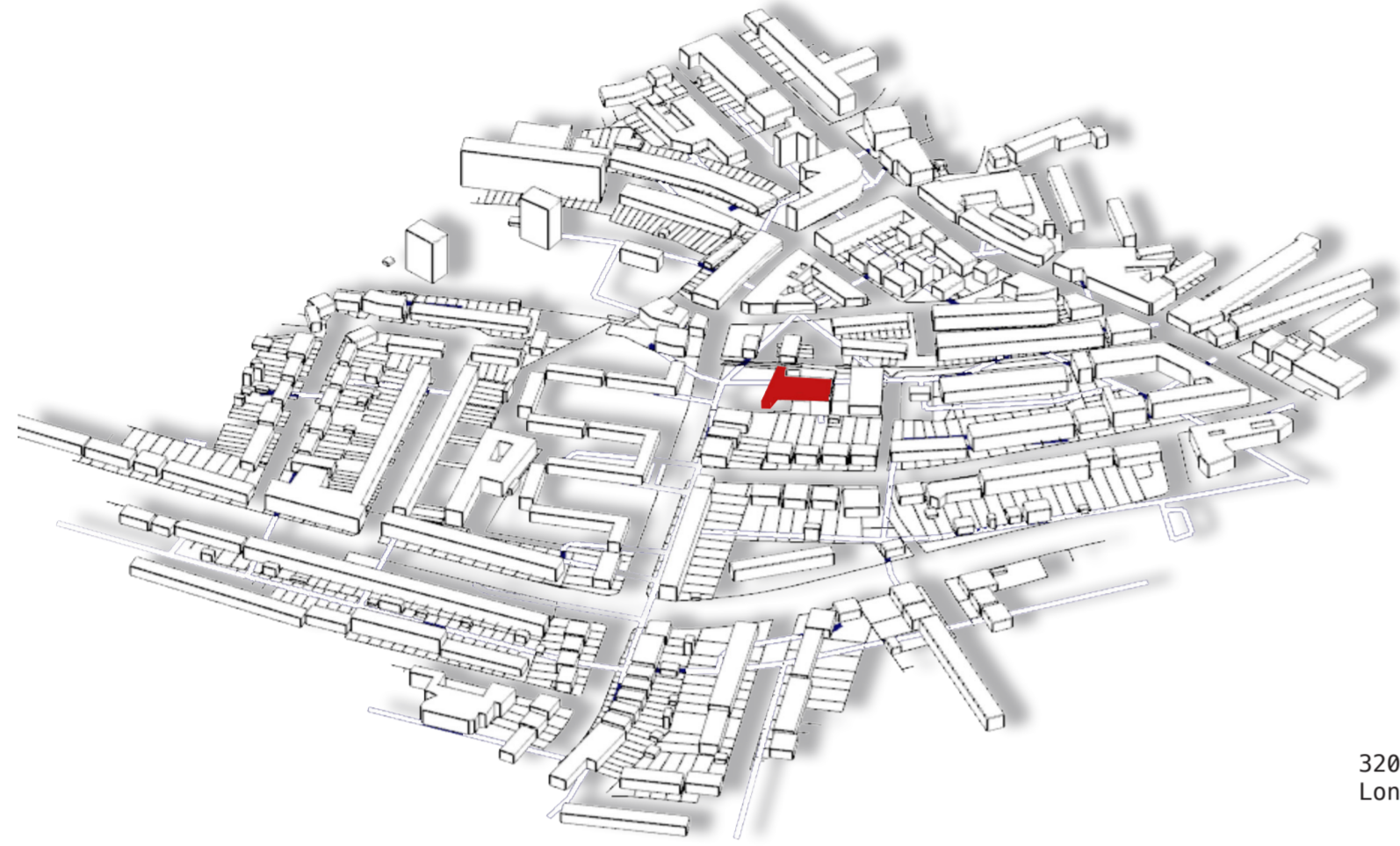


# PROJECTION



320 Cricklewood Ln,  
London NW2 2QE

Located in the Borough of Barnet, Child's Hill Library is a welcoming hub where the local community can borrow books, enjoy an exciting programme of activities or relax with friends. The second floor of the library is a private space owned by a charity for learning disability.



The mock Tudor facade extruding from the rest of the building, doesn't appear inviting and quite boring.

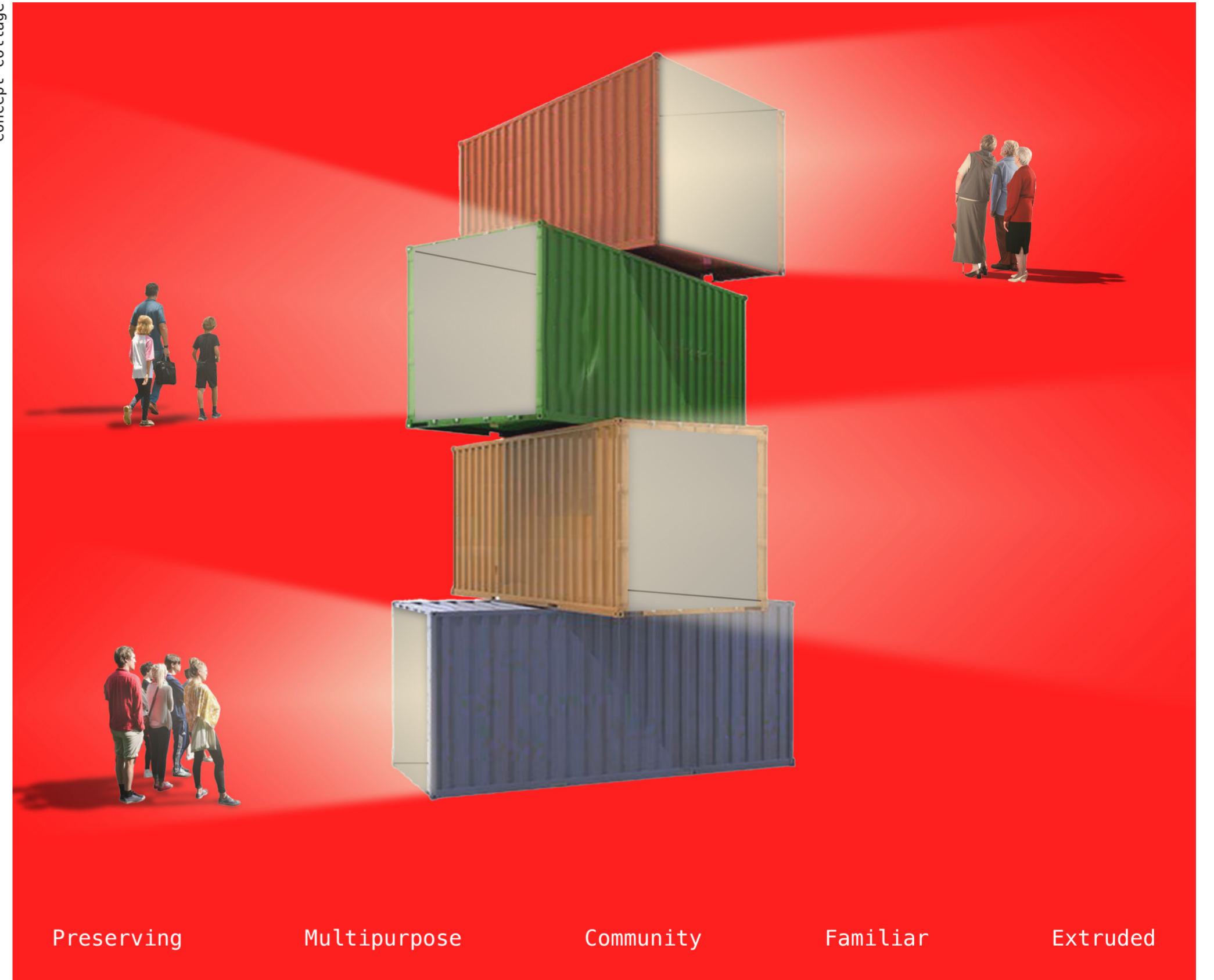


On the back of the building a garden surrounds the library and create an open space.



High ceiling help to create a less claustrophobic space. Windows at the top create a better illumination.

Concept collage



800 public libraries have permanently closed in UK from 1<sup>st</sup> April 2010 to 31<sup>st</sup> December 2021 and not been relocated or replaced. The new financial context in which libraries now must operate has created the need for libraries to demonstrate their public value.

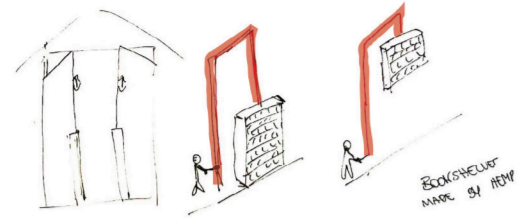
The project aims to re-imagine the function of a library in 2034, introducing a helpful space for the librarian and video archivist.

Creating a building that projects into the community to invite them in 24/7, divided in different areas by existing shipping containers.

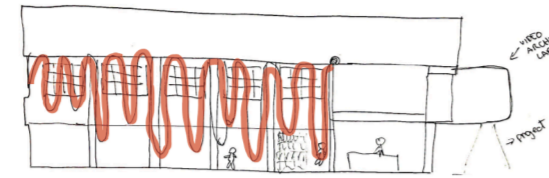
The extrusions are designed to foster the community, allowing individuals to view their own personal videos or the content provided by the video archivist. The space also serves as a reading area and leisure point, creating a social atmosphere that encourages interaction and bringing people together.



## Design development



Working on a dynamic book shelves using the high ceiling.



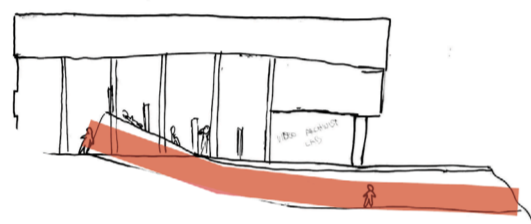
Using the concept of the film to create sitting that can be lifted.



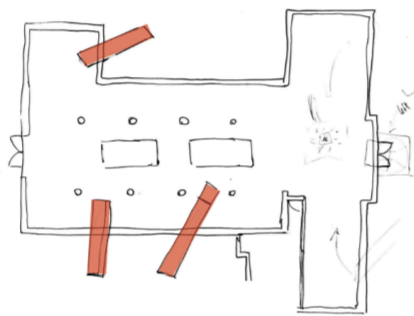
Making cone extrusions through the ceiling creating private spaces.



Take advantage of high ceiling to create private space to stack people.



Creating an underground entrance to resemble a cinema entrance.



Creating extrusions to project the building on the outside by the used of shipping container.



## Sustainability

Currently, there are 17 million shipping containers across the globe. Of those 17 million containers, however, only six million are actually being used for transport or any other practical usage.

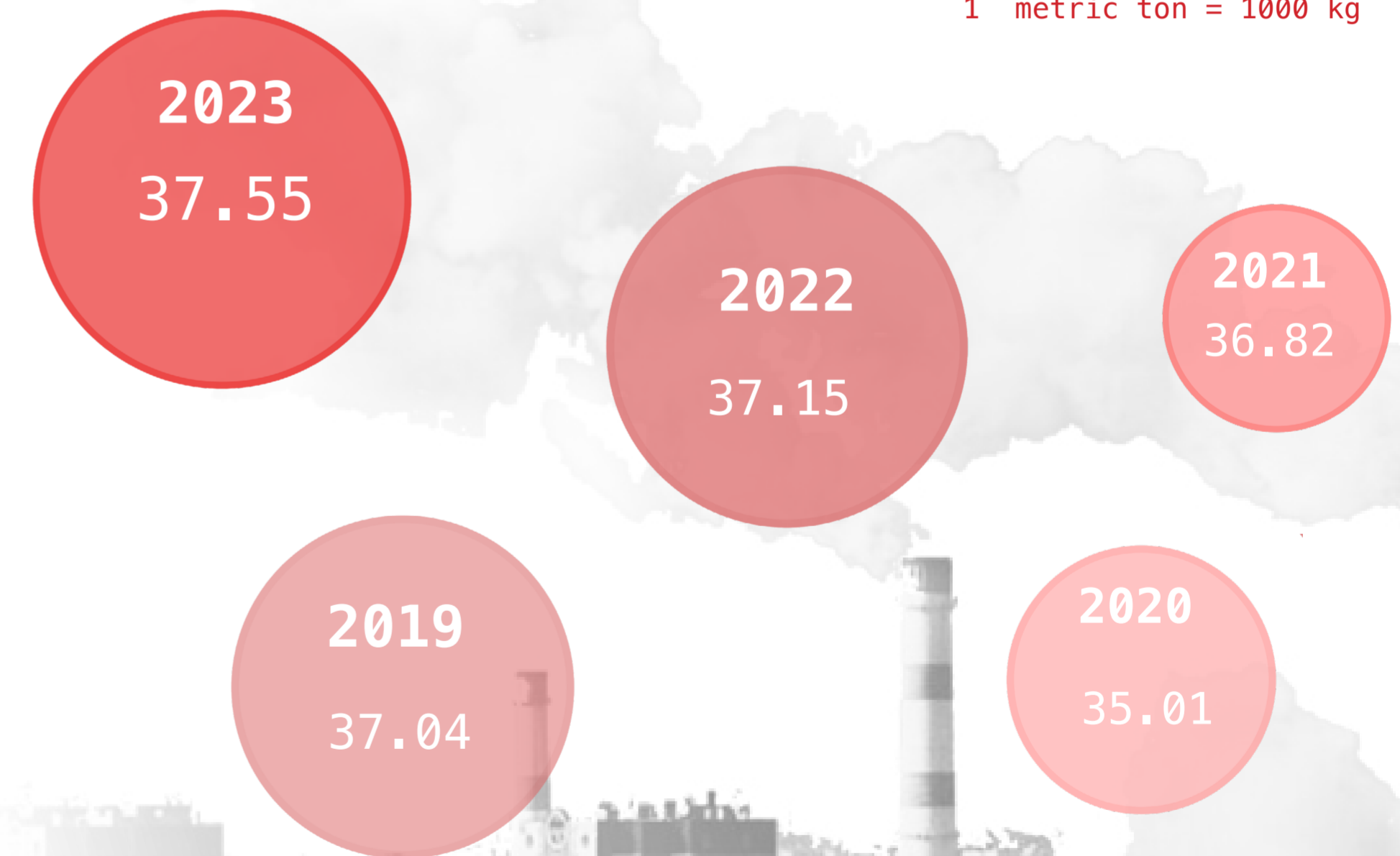
That means approximately **11 million shipping containers are unused** and are just sitting stagnant all over the place.

The use of shipping containers to create the extrusions, increase sustainability, contrasting carbon footprint emission, as the **“global emissions increased by 410 million tonnes, or 1.1%, in 2023 – compared the 490 million tonnes the year before – taking them to a record level of 37.4 billion tonnes”<sup>2</sup>.**

Buildings are currently responsible for **39% of global energy related carbon emissions**: 28% from operational emissions, from energy needed to heat, cool and power them. 11% from materials and construction.

Global CO<sub>2</sub> emission in billion metric tons.

1 metric ton = 1000 kg

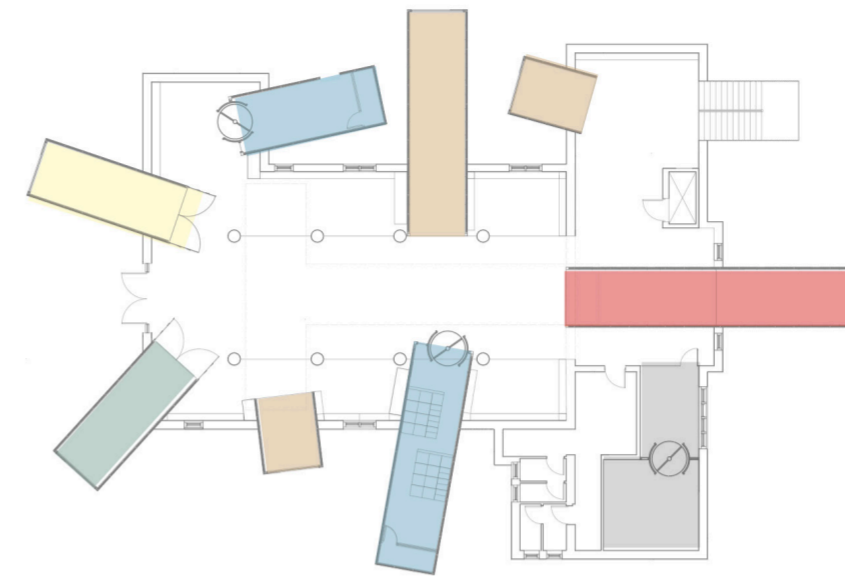




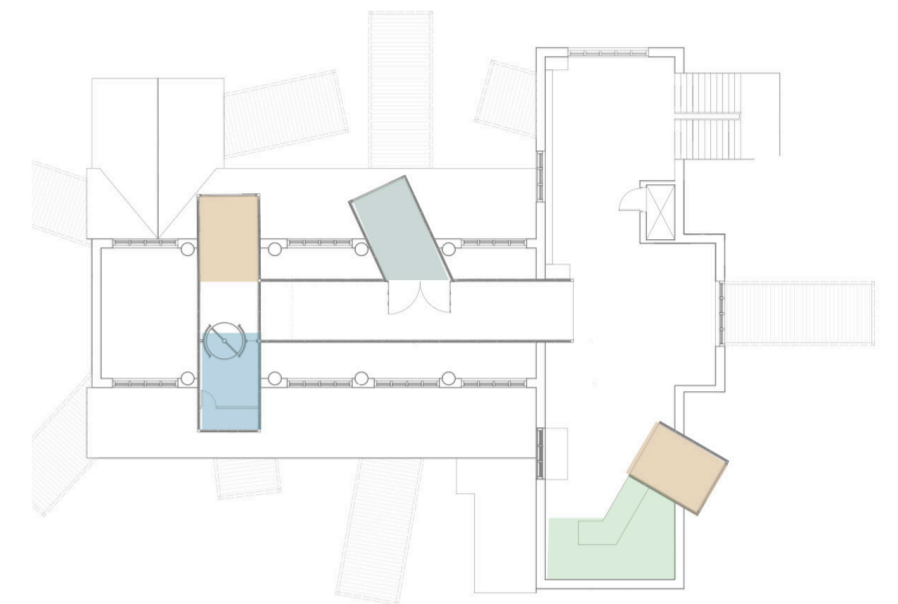
I wanted to highlight the different between the white and the black rectangles as they will have different purposes.

Playing with the light to create a contrast between the spaces which will reflect into the project.

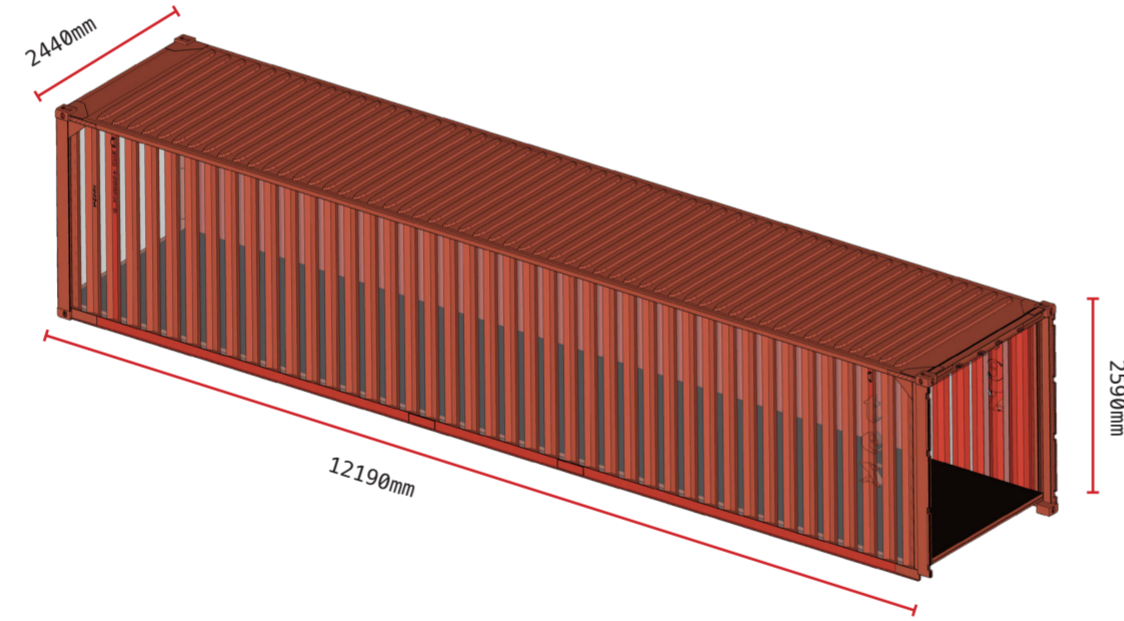
Ground floor



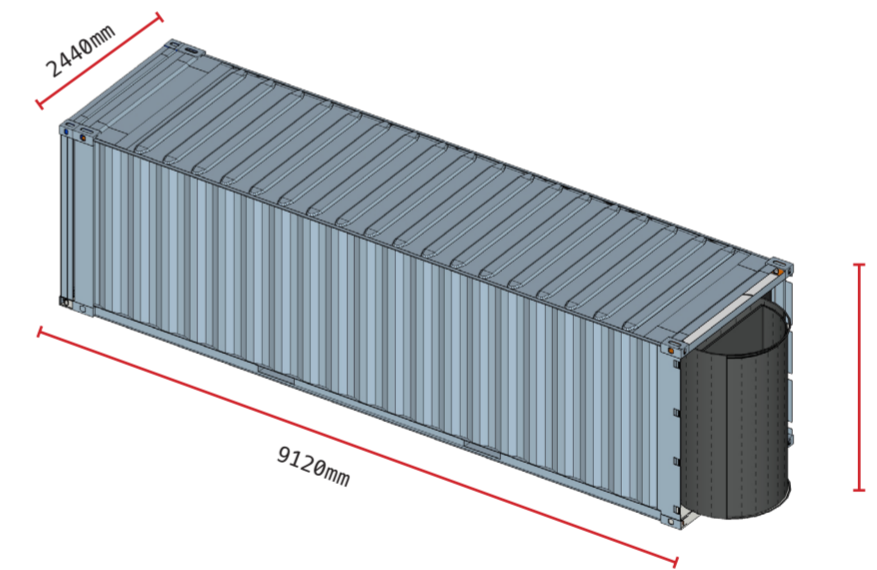
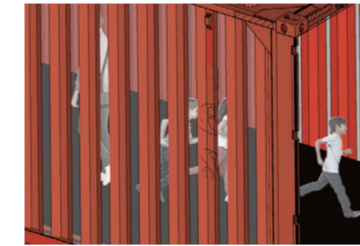
First floor



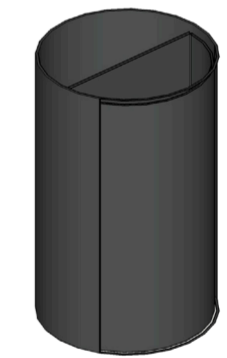
- Entrance
- Librarian's office
- Video archivist's office
- Computer zone
- Reading zone
- Cinema zone
- Coffee space



Glass insertions in the container to see glimpse of people walking, reminding of an old film.



Revolving door resembling a dark room.



1. Hemp bricks

Book shelves

2. Tiles made of paper waste

Shipping container inner walls

3. Wool

3D Furniture

4. Steel

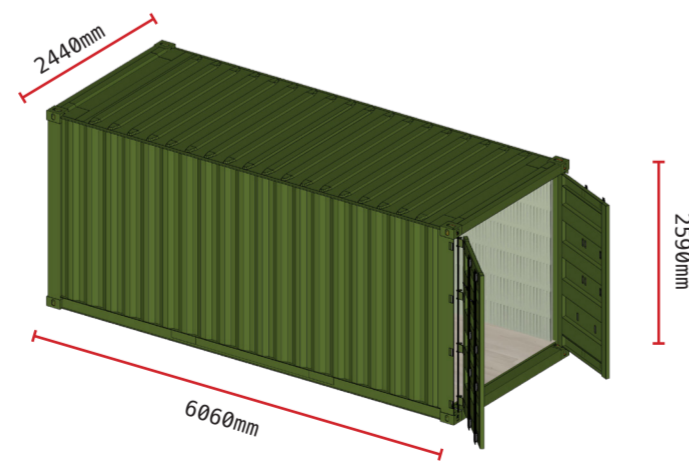
Painted shipping container

5. Smoked coloured glass

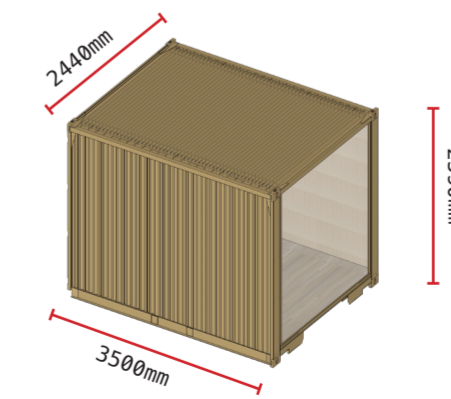
To resemble the old film movie

6. Lewis oak engineered wood

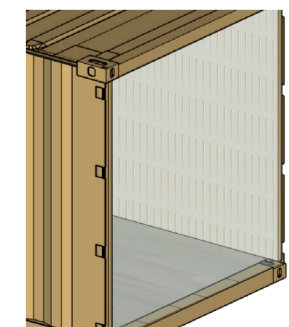
Flooring



The container with computer and librarian's office have doors, to be closed when she leaves.

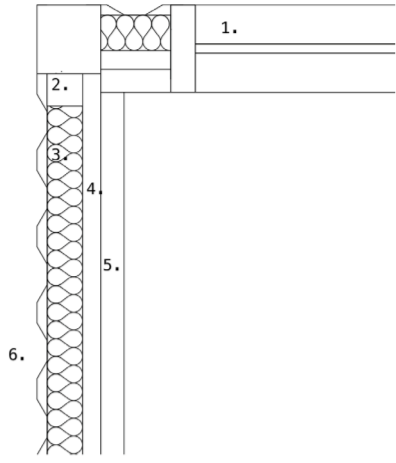


The reading container has a glass window to allow light to enter the space.



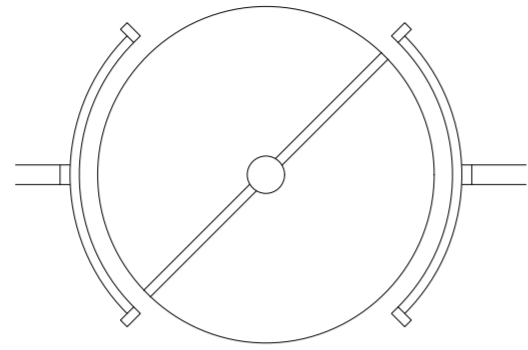
Detail container insulation layers

- 1. Window
- 2. Wood spruce
- 3. Wool insulation layer
- 4. Vapour membrane
- 5. Acoustic wood wool

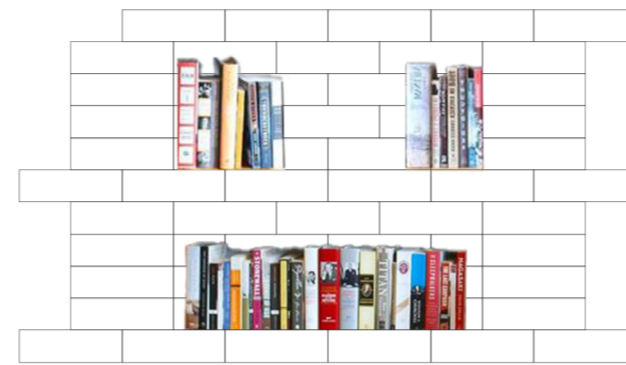


Revolving door

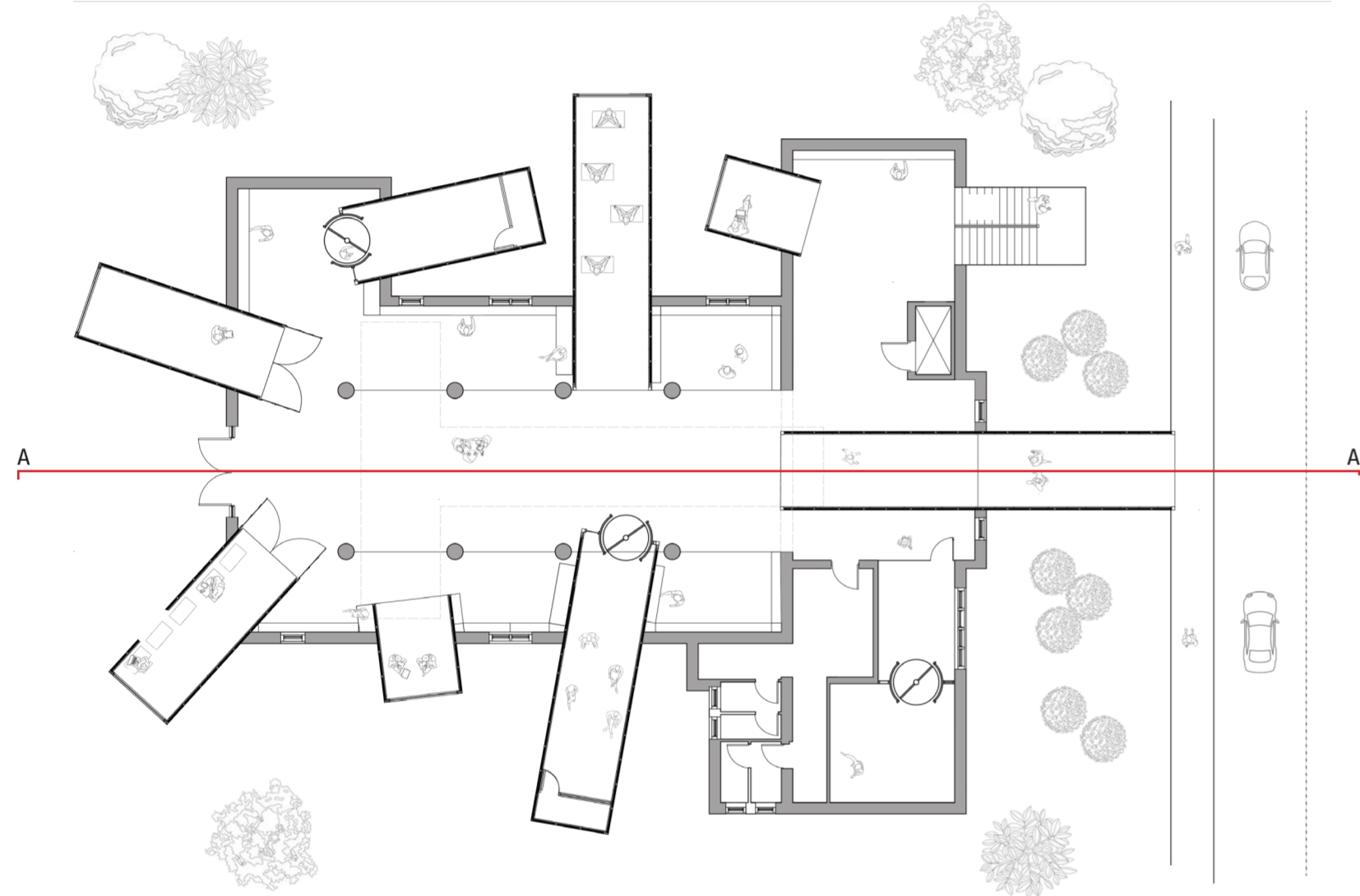
Resemble the entrance of a dark room where film are extracted.



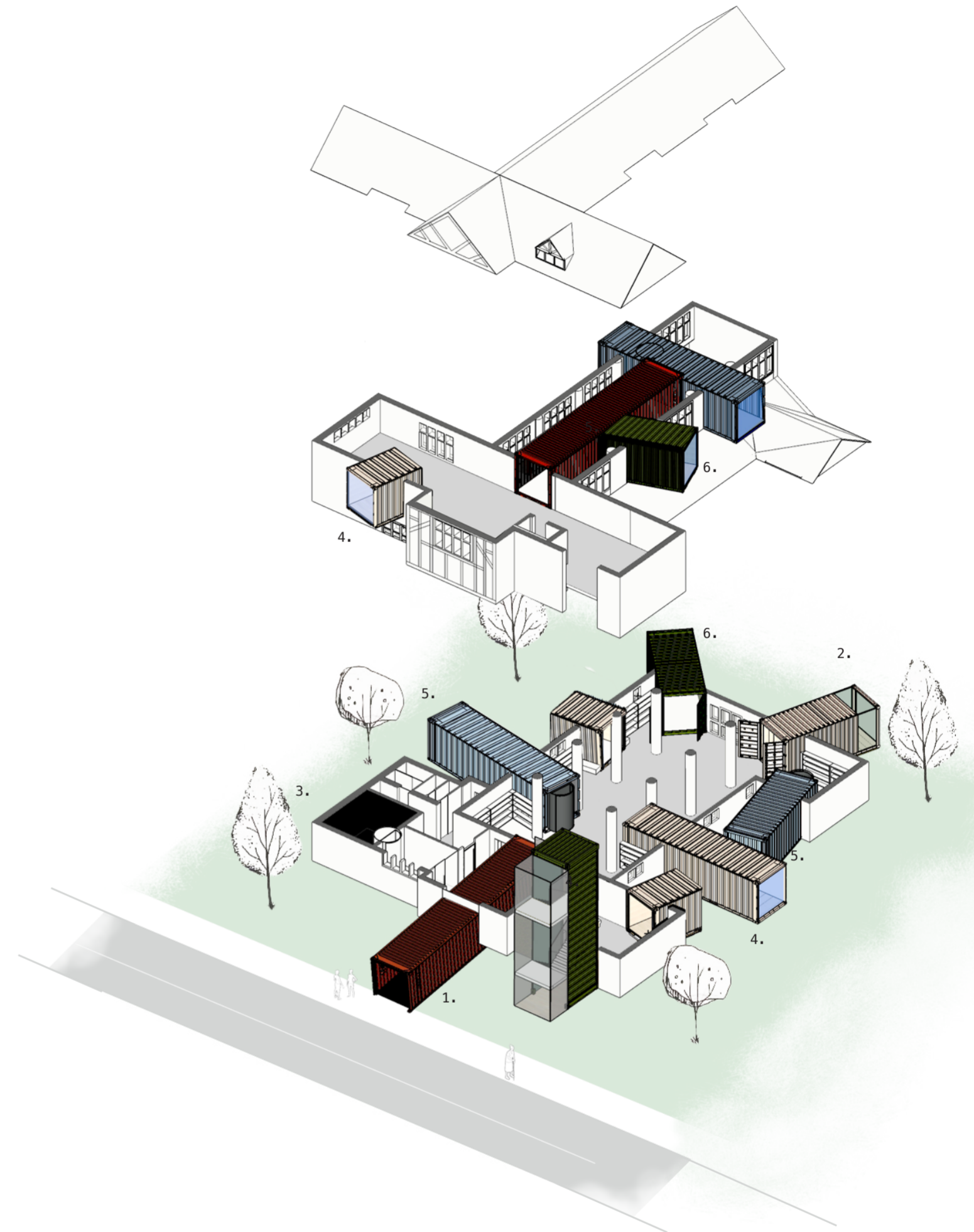
Hemp bricks book shelves



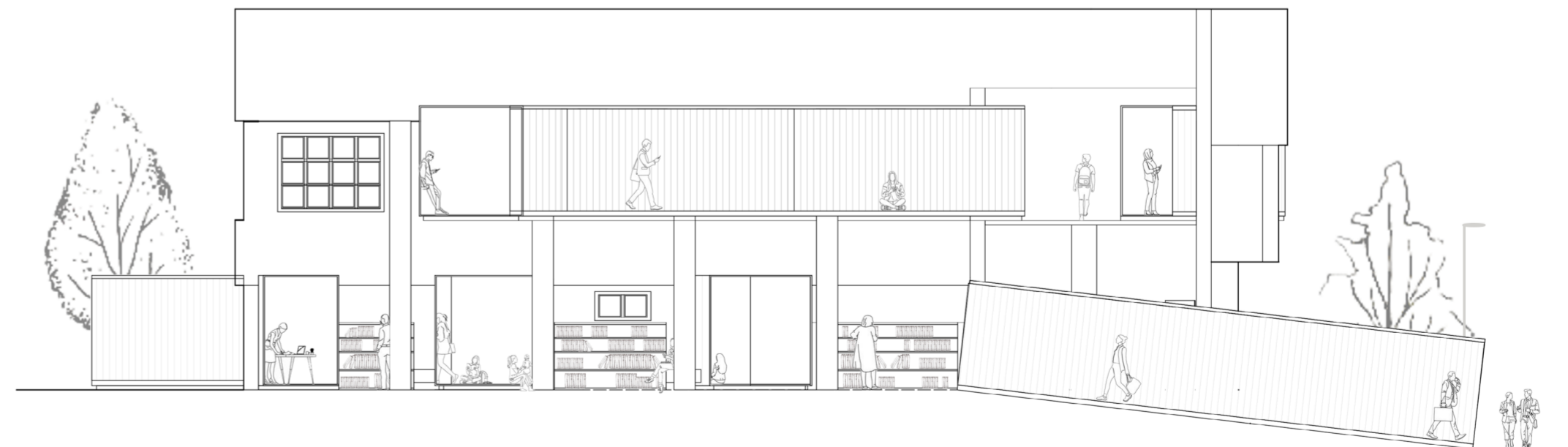
Ground floor



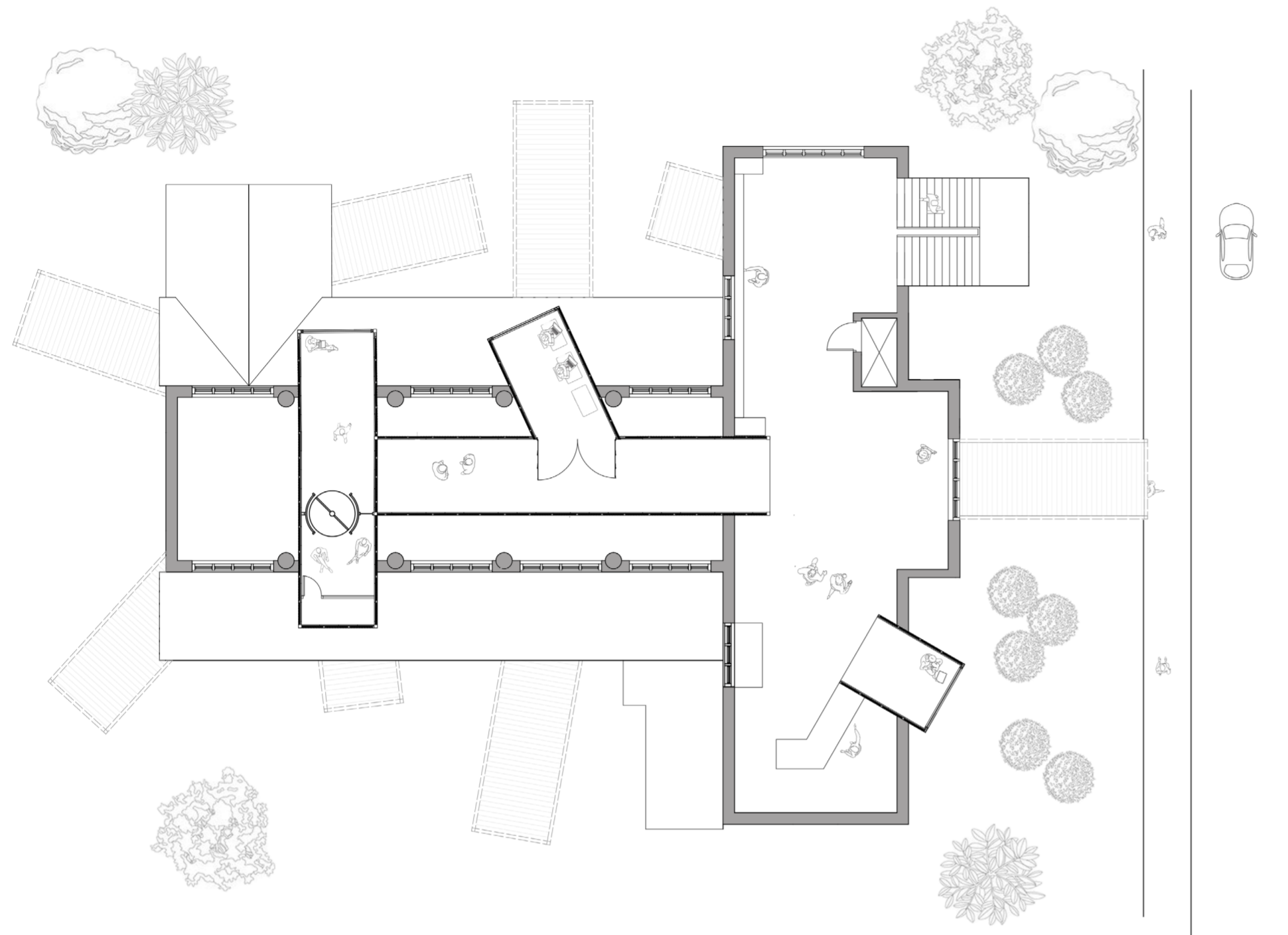
- 1. Entrance
- 2. Librarian's office
- 3. Video archivist's office
- 4. Reading zone
- 5. Cinema zone
- 6. Computer zone



Section AA



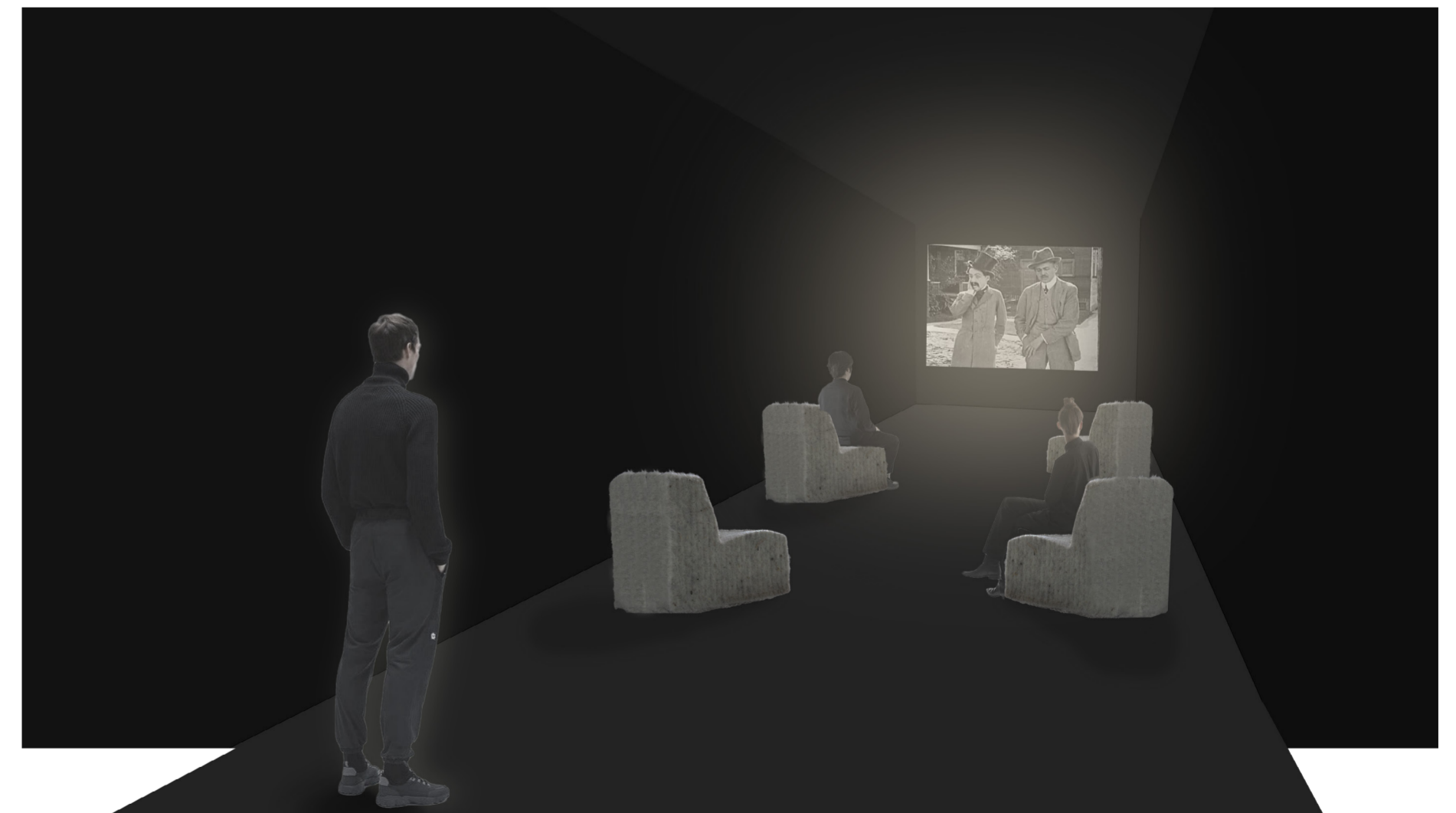
First floor



View of the main ground floor space



View from the back garden into the librarian's office



Inside the cinema container