

# Plug-In

23 Gillender St



**LONDON MUSIC ARCHIVE**

**Royal College of Art**

Interior Design  
Super Reuse 2023-2024

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|  |     |
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| <b>01</b><br><b>Background</b>               |     |
| <i>_Historical analysis of the site</i>      | 4   |
| <b>02</b><br><b>Up-to-date</b>               |     |
| <i>_Propose functional update plan</i>       | 8   |
| <b>03</b><br><b>System</b>                   |     |
| <i>_Site fire protection system research</i> | 12  |
| <b>04</b><br><b>Realize</b>                  |     |
| <i>_Strategy and results</i>                 | 16  |
| <b>05</b><br><b>Backtracking</b>             |     |
| <i>_Conclusion at RCA</i>                    | 110 |

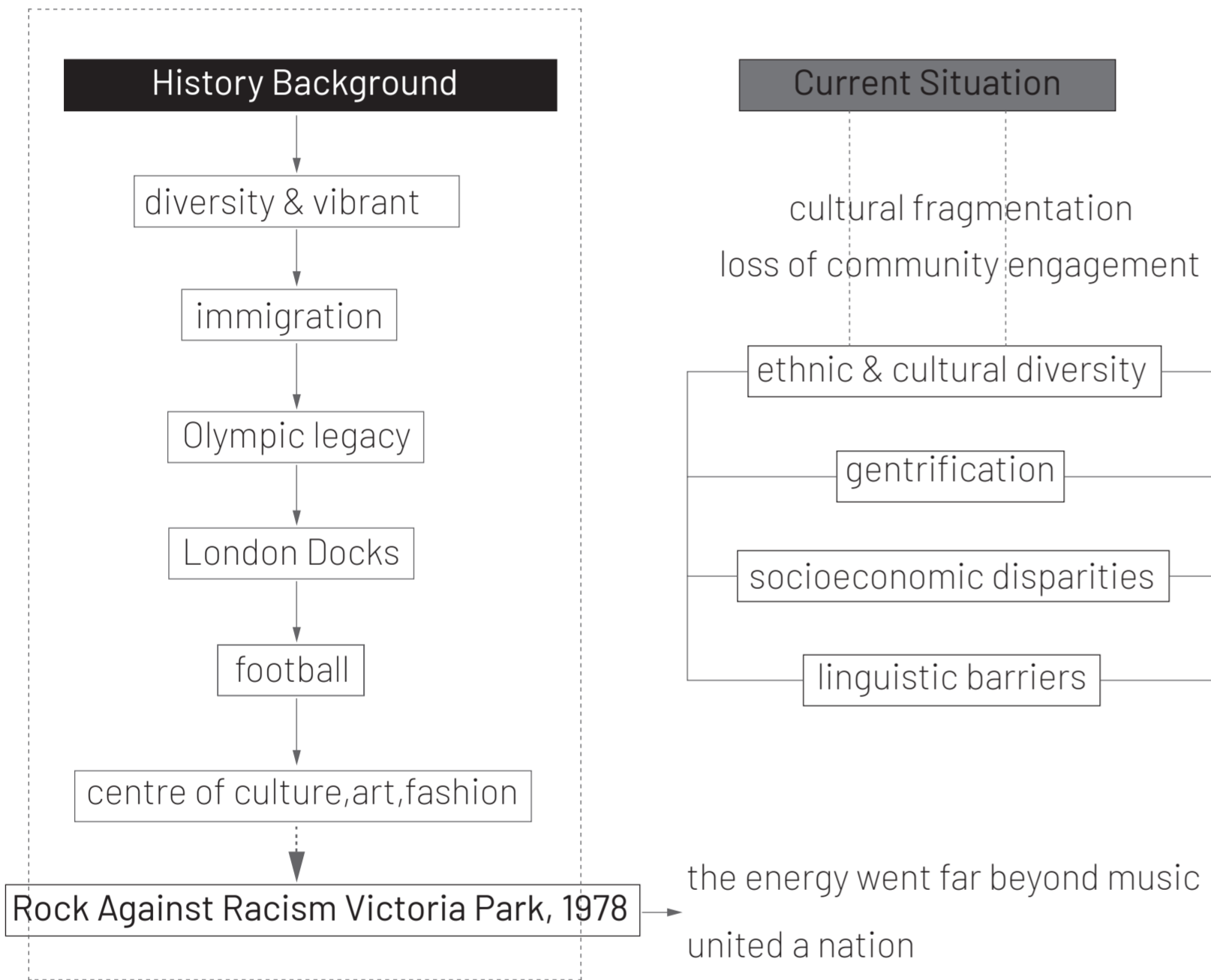
# 01 Background

*\_Historical analysis of the site*

Back to the 1960s of east London, centered around Tower Hamlets, was once a centre of culture, fashion and art. During this period, rock music, football and graffiti art flourished. Music, as an essential part of East London's brilliant culture, carrying a power beyond music itself.

From the British Invasion in 1964, which helped young generation built the cultural identity. And then, the music concert in 1978 in Victoria park, rock against racism, which show the community cohesion that music bring to people, it beyond the race, gender, nation. The famous punk bands, represented by the Sex Pistols, expressed political voices that criticized authority. Responding the working class, The aesthetic influence of Britpop on society ,causing the aesthetic value.

However, the large-scale regeneration of the urban area that came with hosting the Olympic has caused serious cultural divisions and eliminated many site memories and histories. This fragmentation is destroying the cohesion, culture and exchanges of local communities. It has caused the city to no longer serve the communities.



### The History of Music in London



**1964**  
British Invasion  
CULTURAL IDENTITY

**1978**  
Rock Against Racism  
COMMUNITY COHESION  
POLITICAL  
CRITICIZING AUTHORITY  
WORKING CLASS

**1993**  
SUEDE  
AESTHETIC VALUE

BRITPOP

# 02

## Up-to-date

*\_Propose functional update plan*

What did I do in this factory? what is real need to the east London?

This area urgently needs a bridge to activate the community and establish a cultural factory with community cohesion. Maybe an music archive can as a bridge reunite the community cohesion.



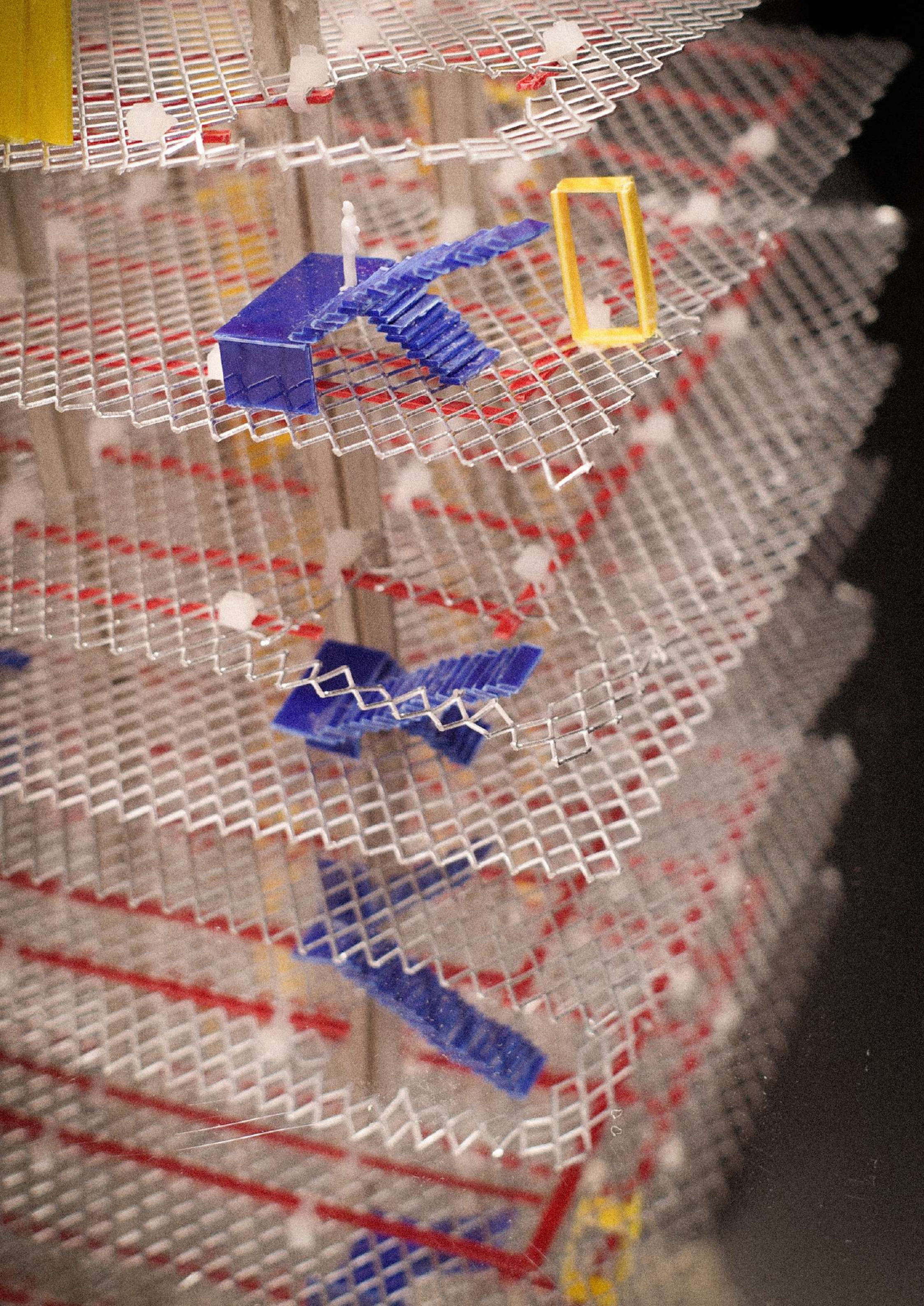
# LONDON MUSIC ARCHIVE

REUNITE  
COMMUNITY  
COHESION

LIVE MUSIC  
BAR  
+  
ARCHIVE  
EXHIBITION  
EDUCATION

PUBLIC GARDEN

WHAT DO WE NEED?



# 03 System

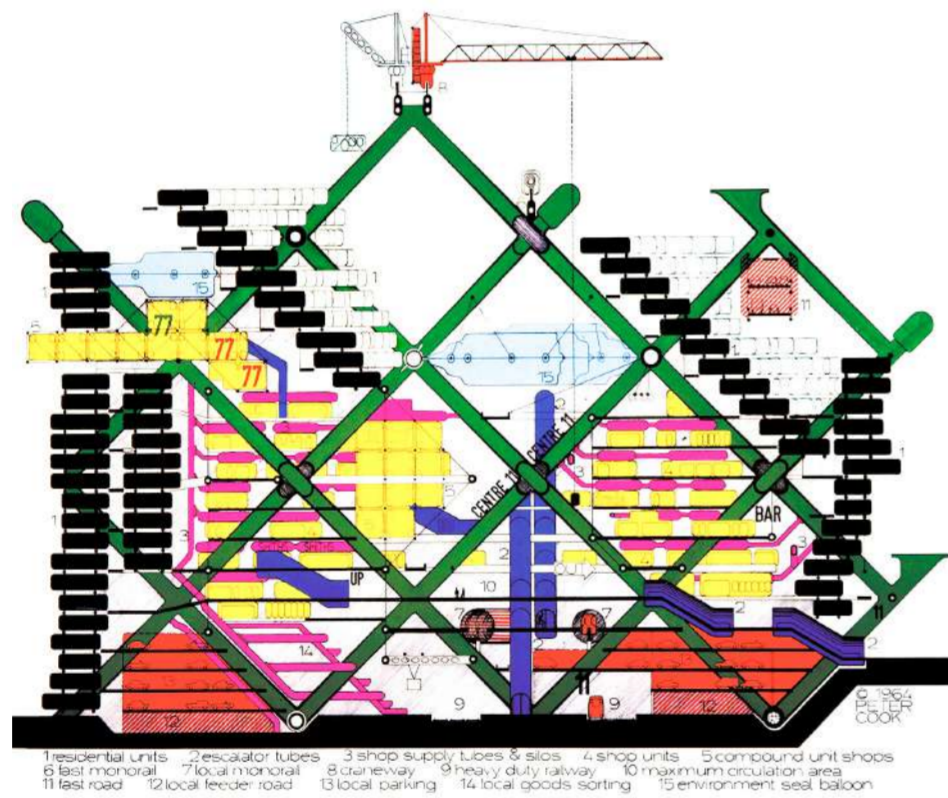
*\_Research on fire protection systems in the factory and the impact from 'Archigram'*

It is a research I did in term 2, which is about how different colors equipments combine together build a whole fire protection system.

In this progress, what attracts me most is the colors are like a kind of language, a code, when they put together, it build a 3 dimensional galaxy. In the case of centre pompidou, the language of this system is more directly and powerful.

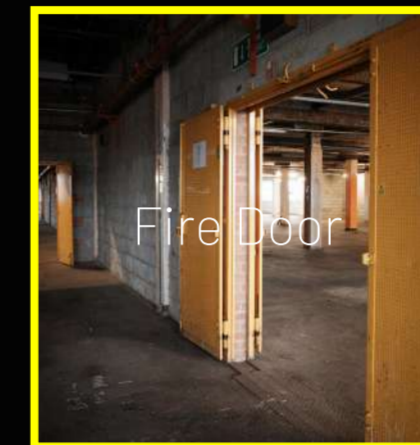
At the same time, I was affected by the architecture principle of Archigram, especial the part of plug-in city. The dense colounms left in the factory correspondence to the frame in the archigram.

I was thinking wheater the plugs can became a intervention method, The factory is like a matrix that established a system, through this plugs combine each other, grafting new system into the old factory, becoming a flexibility space.

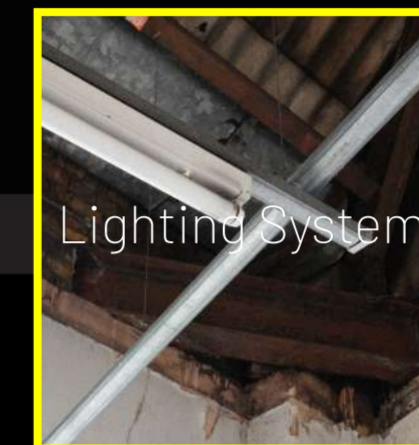


**The Plug-In City / Peter Cook, Archigram**

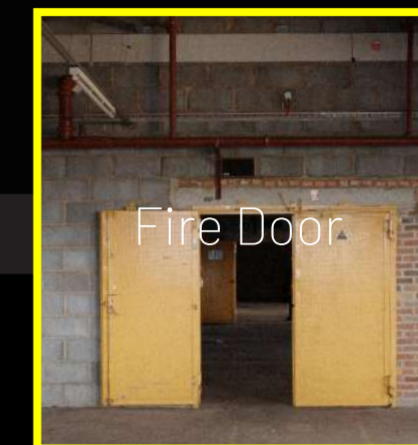
This provocative project suggests a hypothetical fantasy city, containing modular residential units that 'plug in' to a central infrastructural mega machine. The Plug-in City is in fact not a city, but a constantly evolving megastructure that incorporates residences, transportation and other essential services—all movable by giant cranes



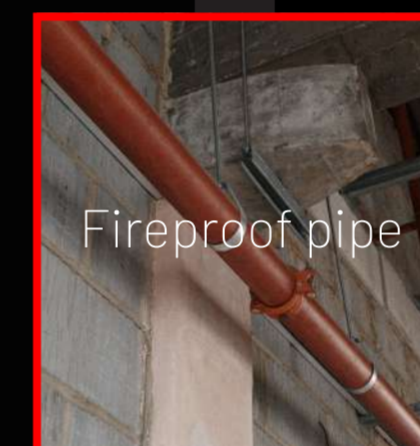
Fire Door



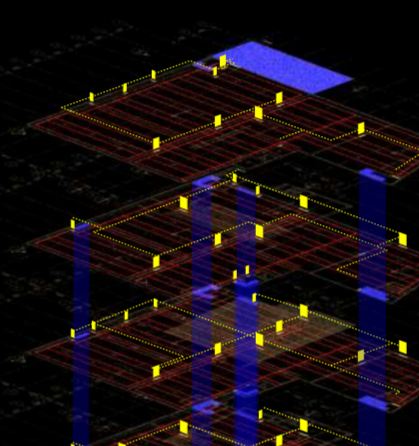
Lighting System



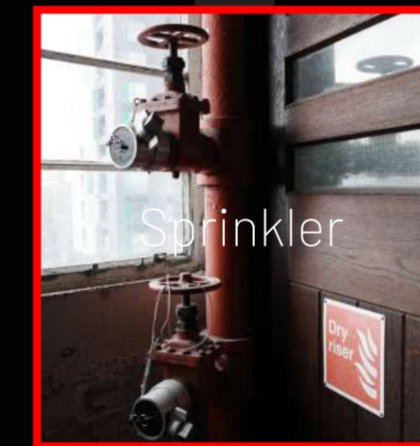
Fire Door



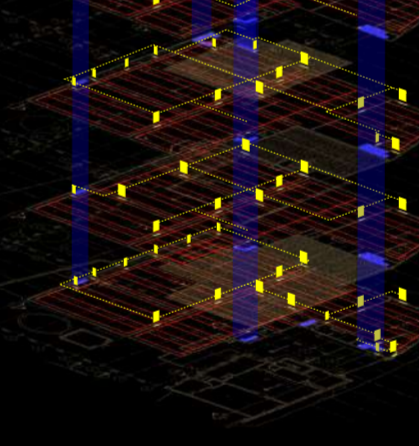
Fireproof pipe



Traffic System



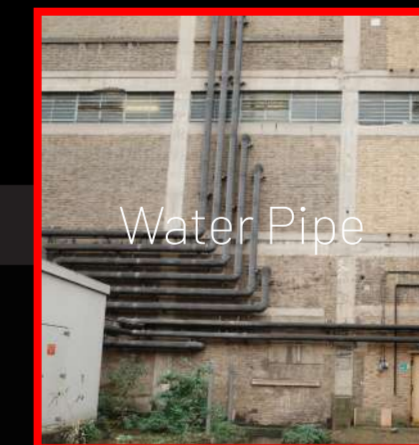
Sprinkler



Sign System



Gravity System



Water Pipe



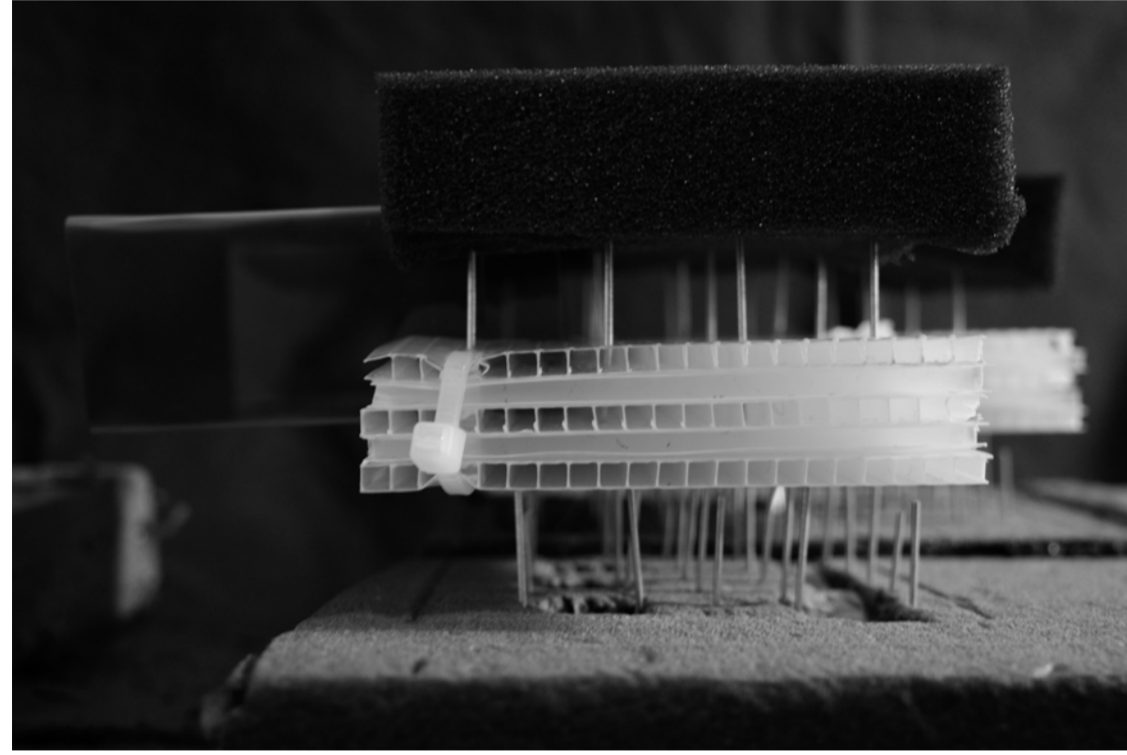
Tank

# 04 Realize

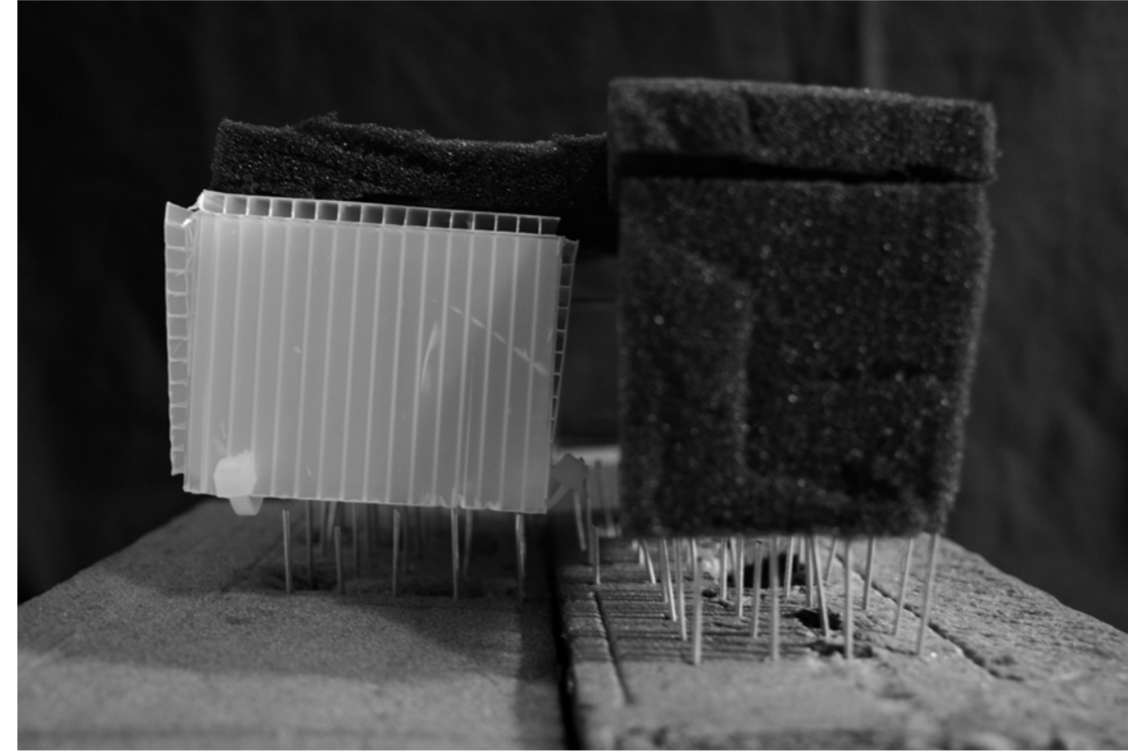
## *\_Strategy and results*

Is it should be rebuild completely or keep the old structure, floorings and walls? I select divide the main body to two parts, half updating half retaining. On the right side are archive storage and manage, also the education related lecture and library. The left side is mainly interactive exhibition. A bar on the ground floor is open, echoing the river and courtyard. In the middle of spaces will serve to the circulation space. A new underground live music is planned to increase the functionality of the venue. An open sunken square is formed at the junction of the ground and underground to attract more people.

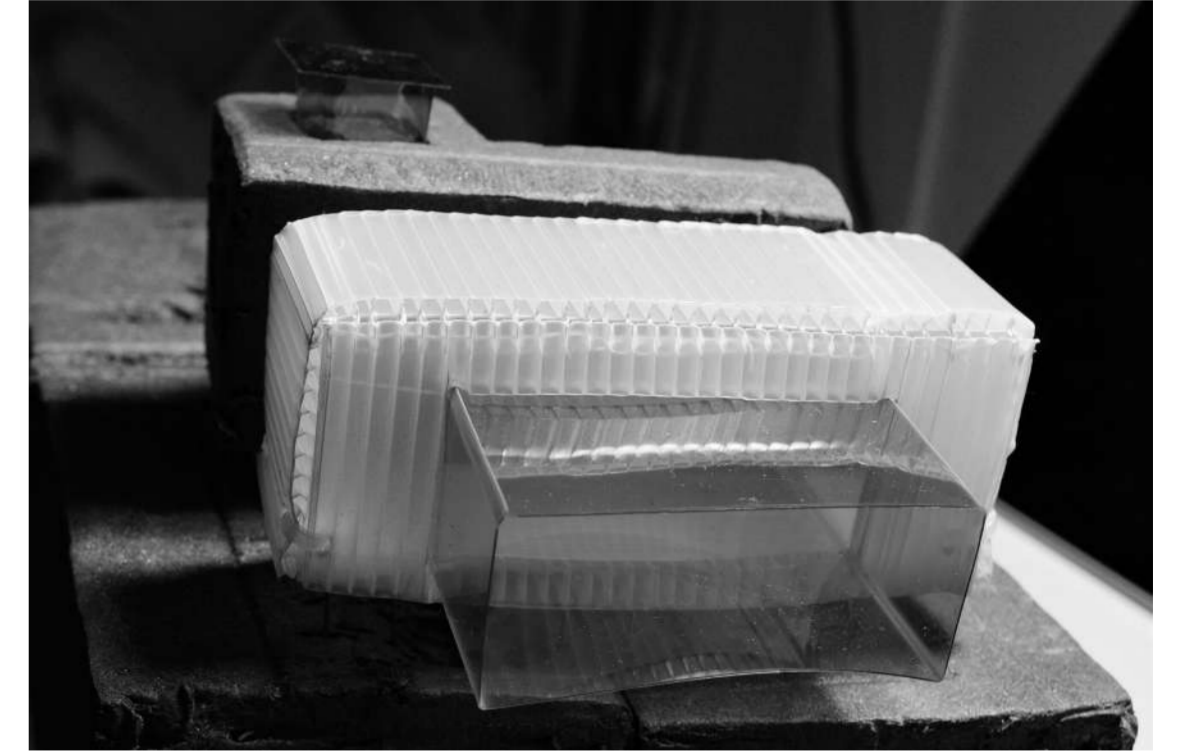
Rather than transforming the factory into a permanent monument, I wanted to transform it into a flexible place that could respond to the needs of the community at any time. The relationship between different plug-ins and the old building is that they touch lightly but do not penetrate. The outer system is like a protective shell with different functions that wraps the old building. The internal system is assembled through different prefabricated components to achieve functional updates. The components of the space are influenced by high-tech architecture such as the Lloyd's Building and the Pompidou Centre.



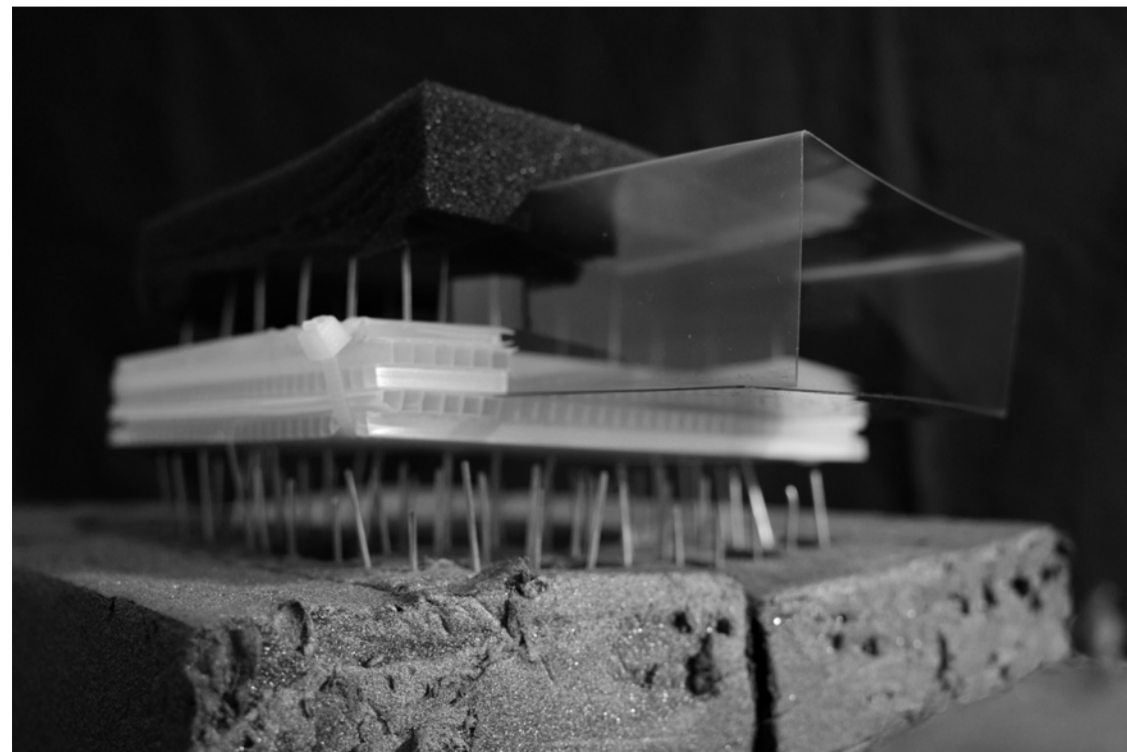
*Up / Down*

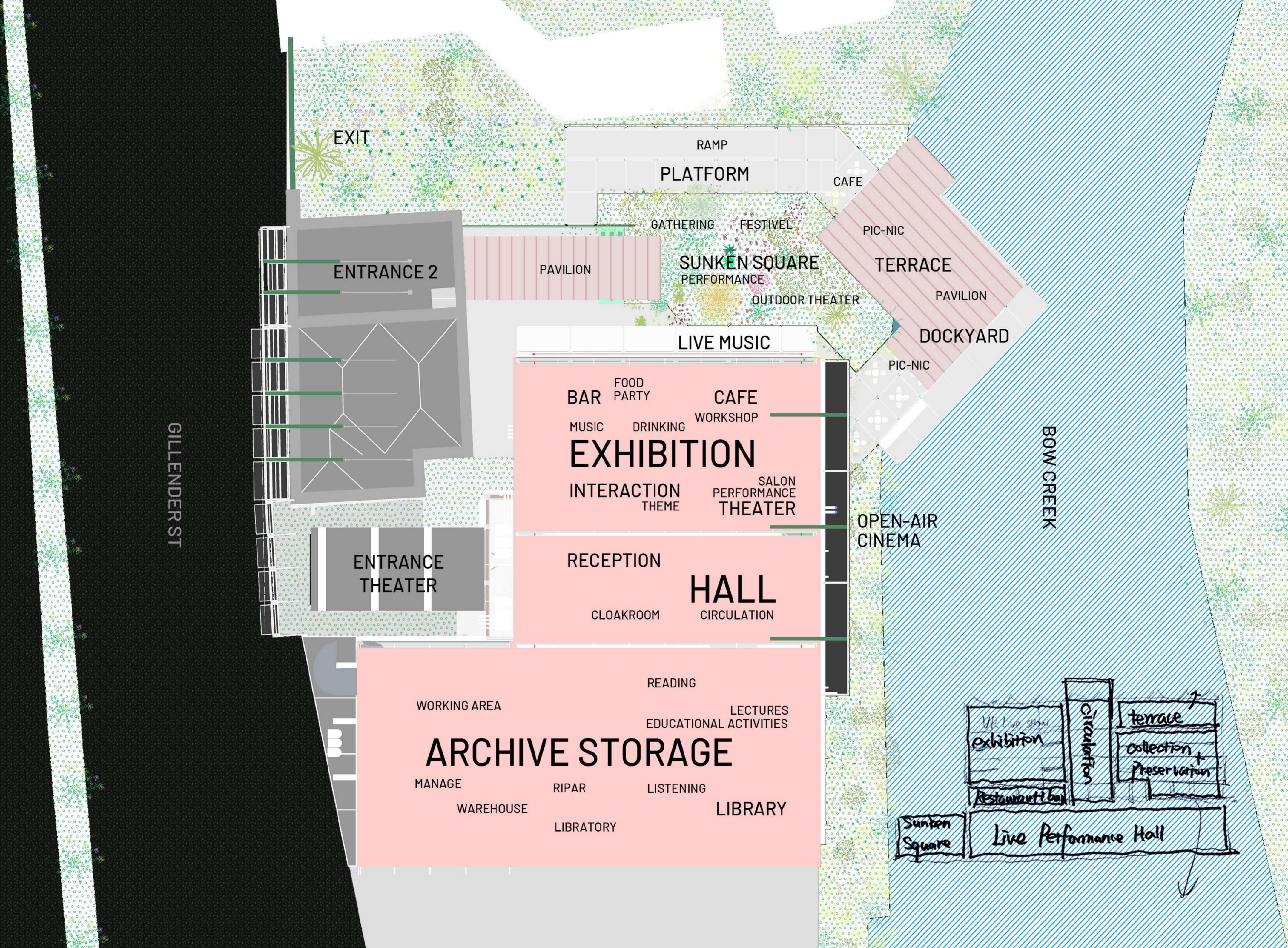


*South/ North*



*East / West*





EXIT

RAMP  
PLATFORM

CAFE

GATHERING FESTIVAL

PIC-NIC

ENTRANCE 2

PAVILION

SUNKEN SQUARE  
PERFORMANCE

TERRACE

PAVILION

OUTDOOR THEATER

LIVE MUSIC

DOCKYARD

PIC-NIC

BAR FOOD PARTY

CAFE

MUSIC DRINKING

WORKSHOP

EXHIBITION

INTERACTION  
THEME

SALON  
PERFORMANCE  
THEATER

OPEN-AIR  
CINEMA

ENTRANCE  
THEATER

RECEPTION

HALL

CLOAKROOM

CIRCULATION

BOW CREEK

GILLENDER ST

WORKING AREA

READING

LECTURES

EDUCATIONAL ACTIVITIES

ARCHIVE STORAGE

MANAGE

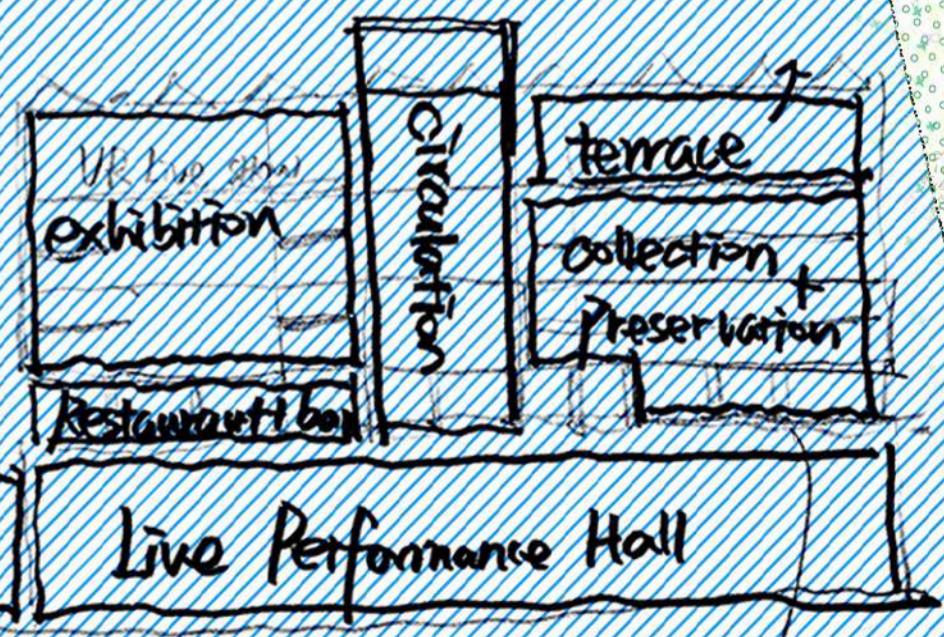
RIPAR

LISTENING

WAREHOUSE

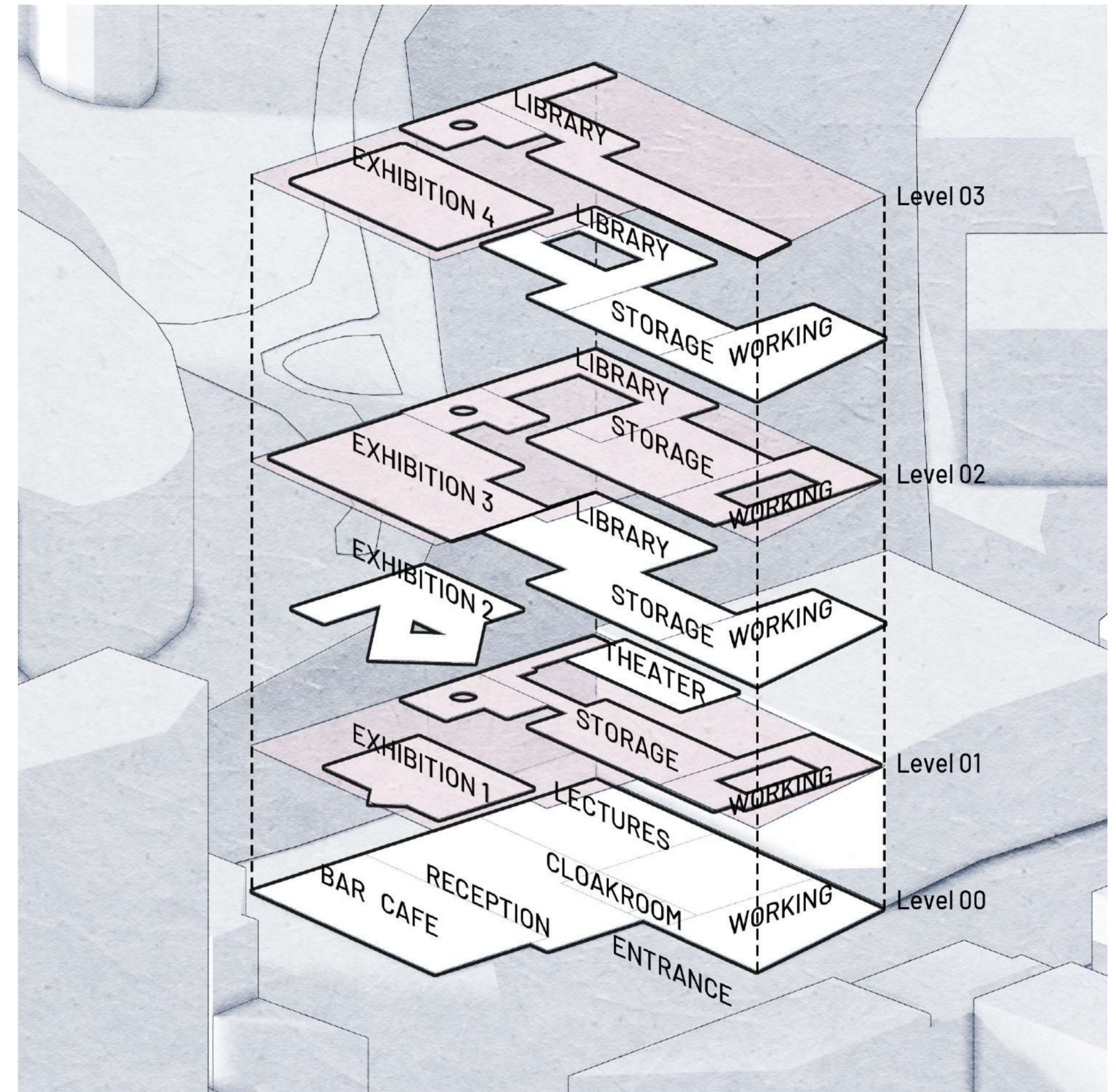
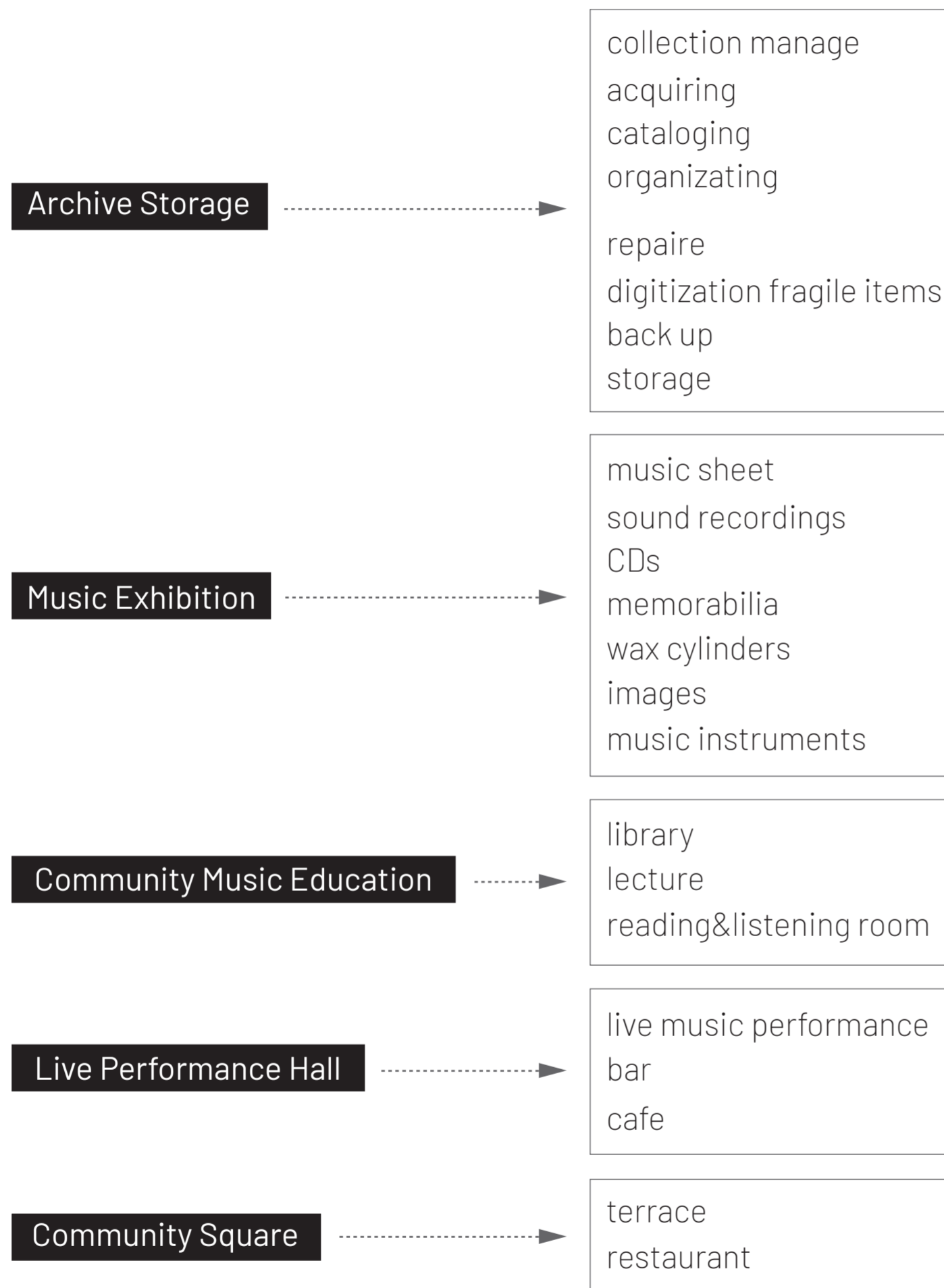
LIBRATORY

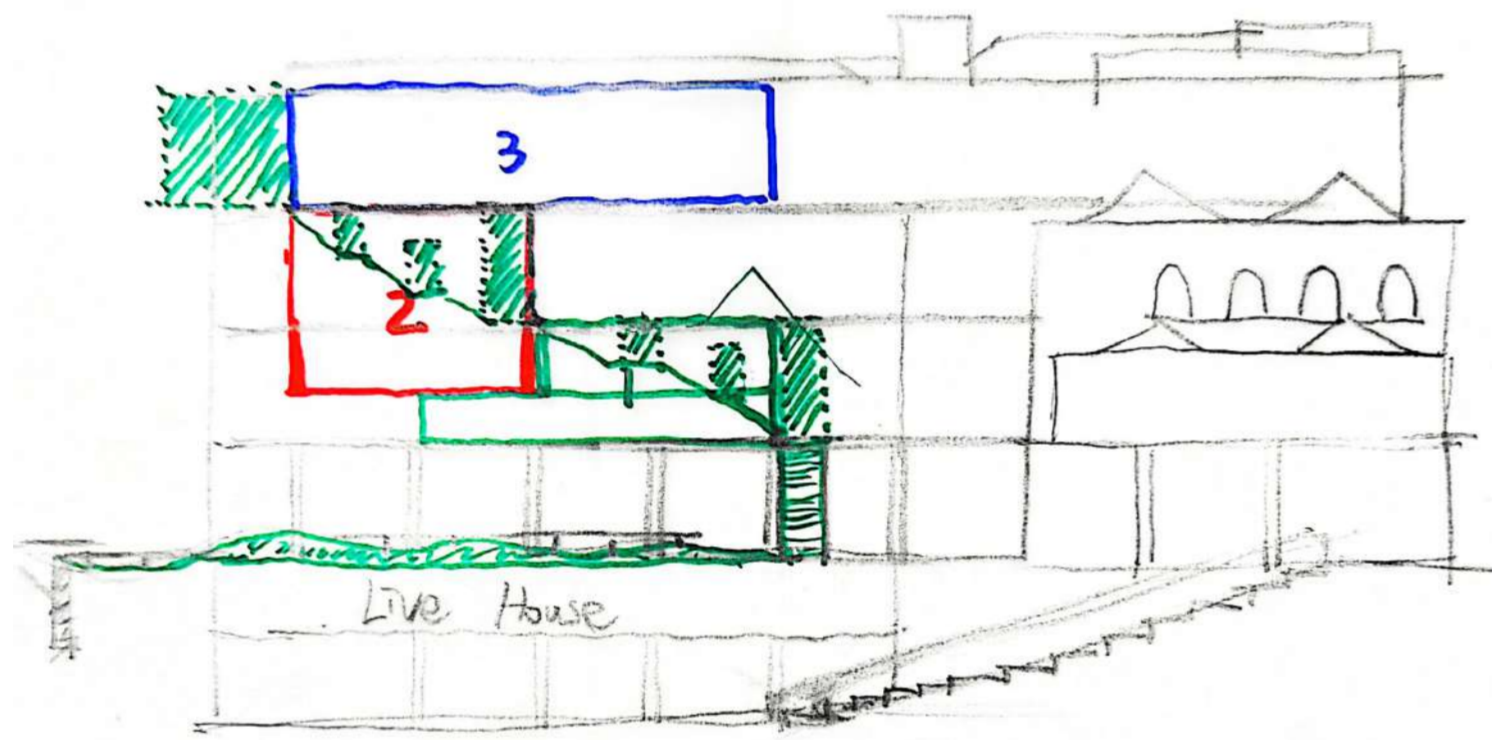
LIBRARY

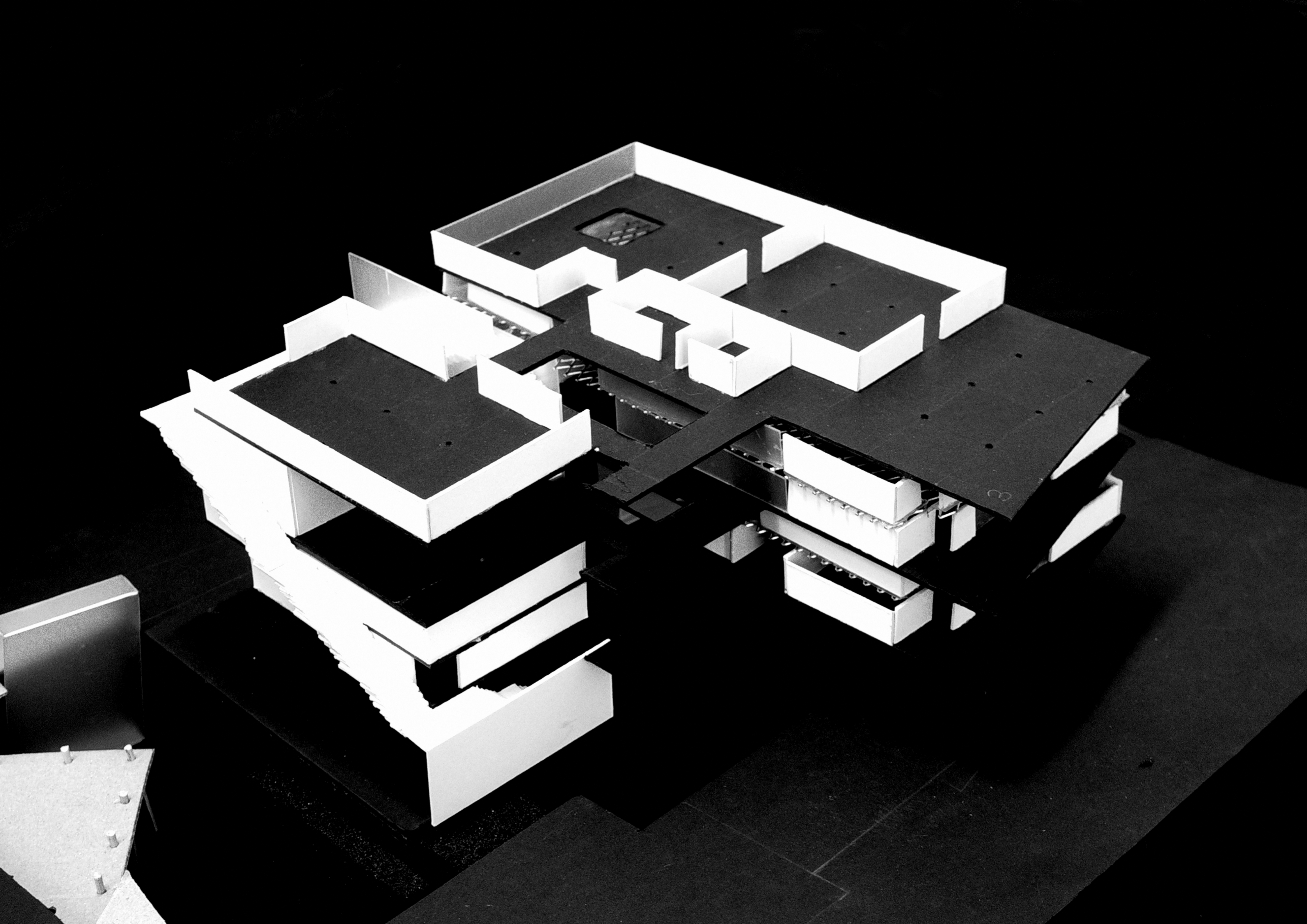


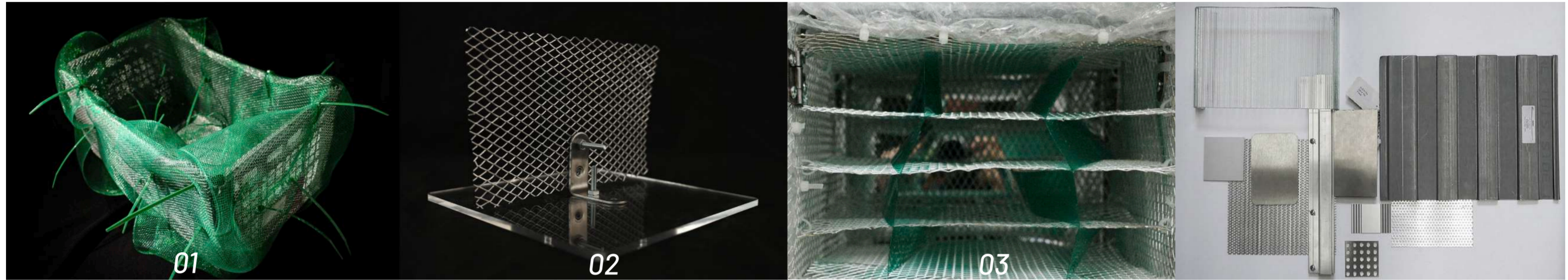
Sunken Square

Live Performance Hall









***a (mend)***

Reconstructing a damaged vegetable basket using **transparent materials** of different materials

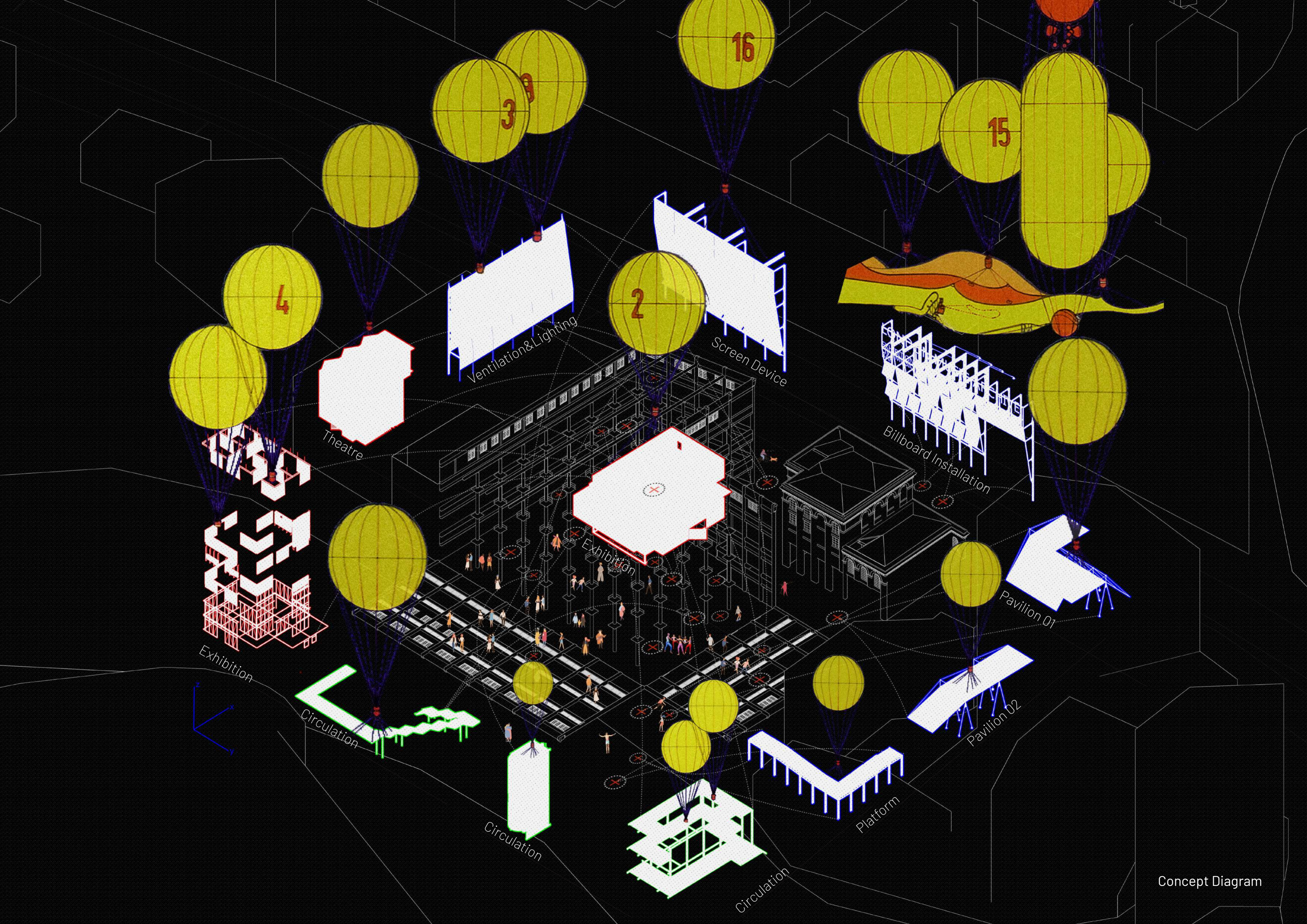
***Joint***

Try to find different ways to connect two objects without using glue

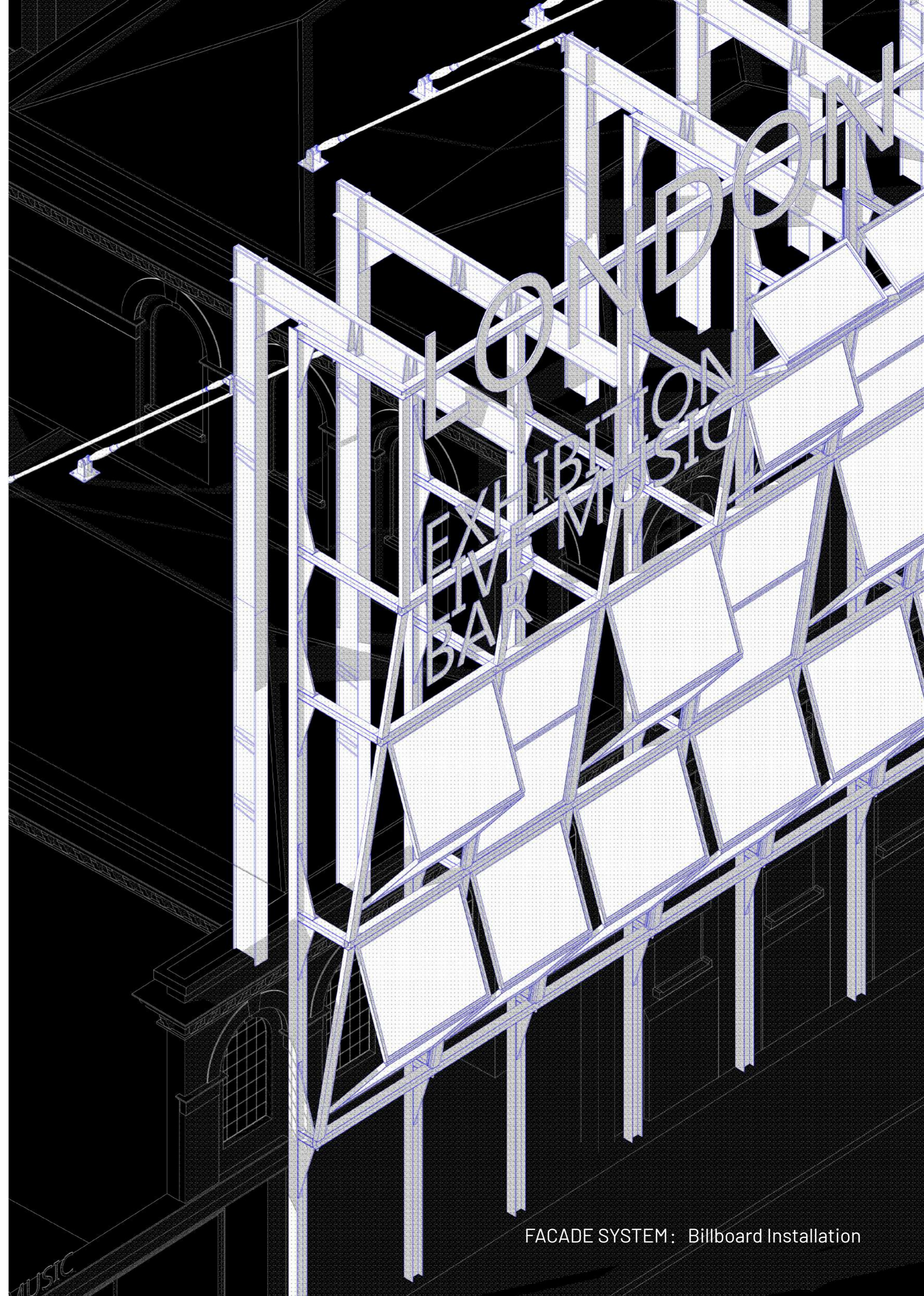
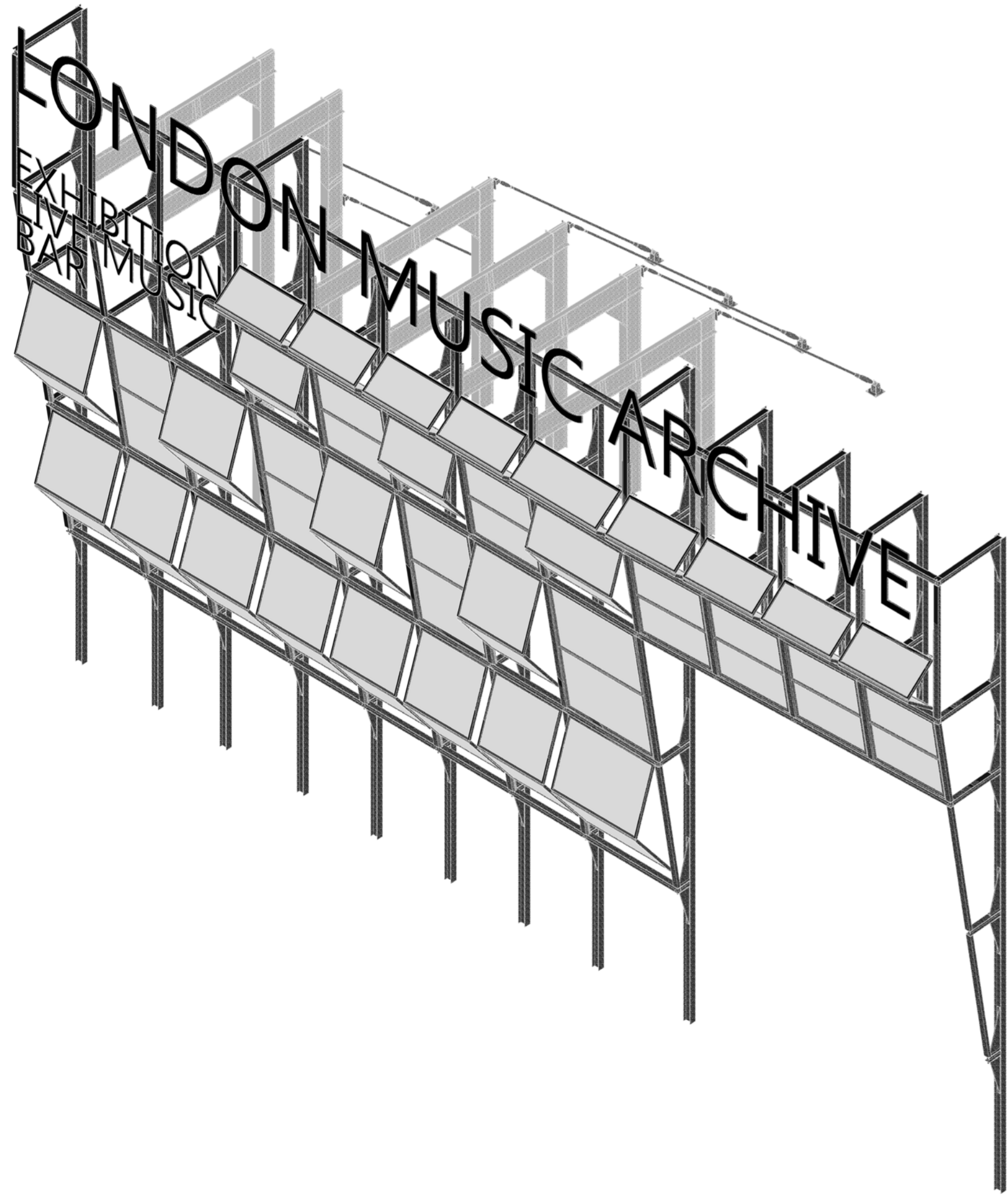
***CrudeHinds***

Abstractly describe the characteristics (ORDER/AUTOMATION/EMPTINESS/TRUST) of future vegetable vendors

shimmering/ transparent / light /connectable/ prefabricated



Concept Diagram

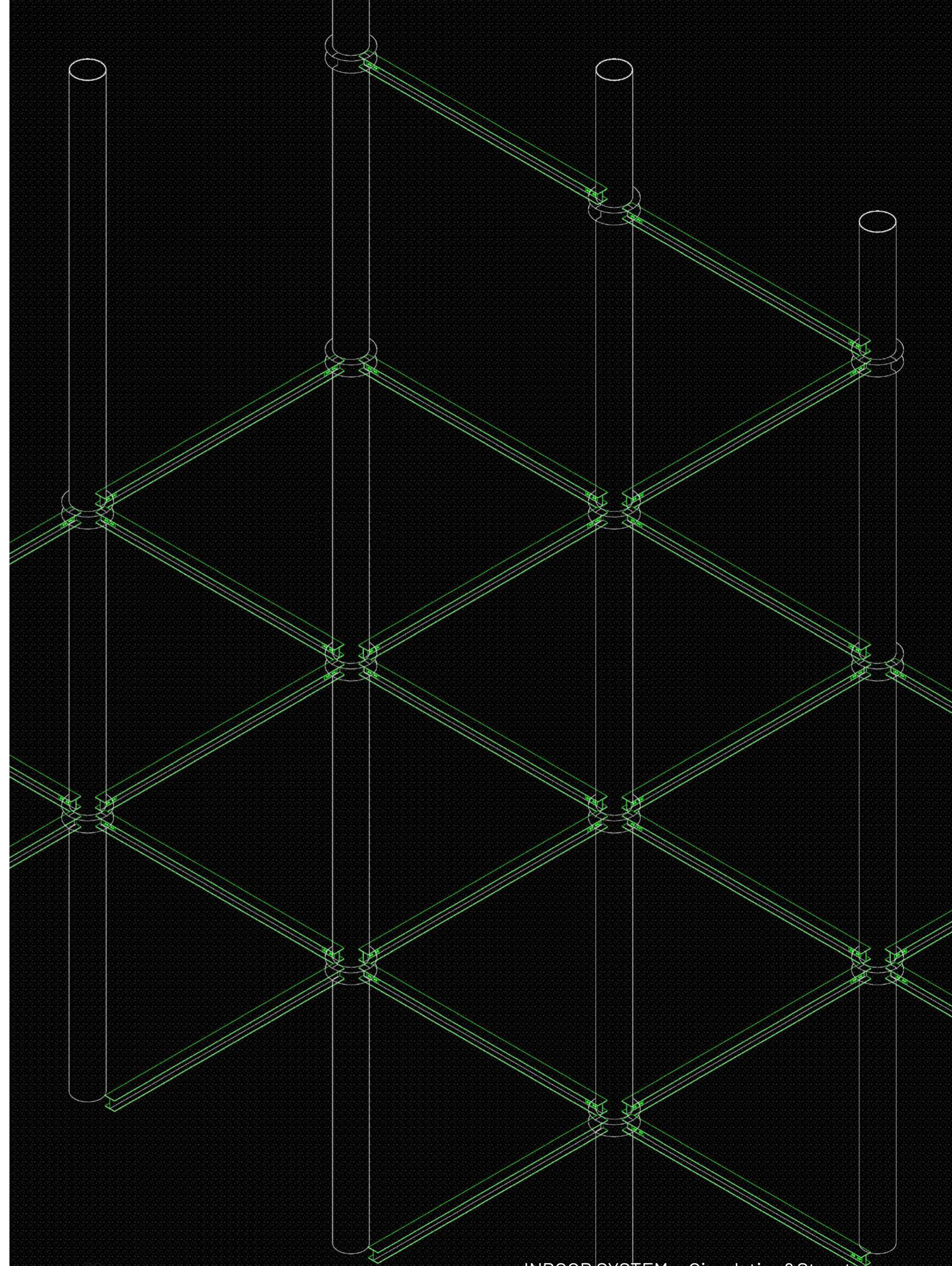
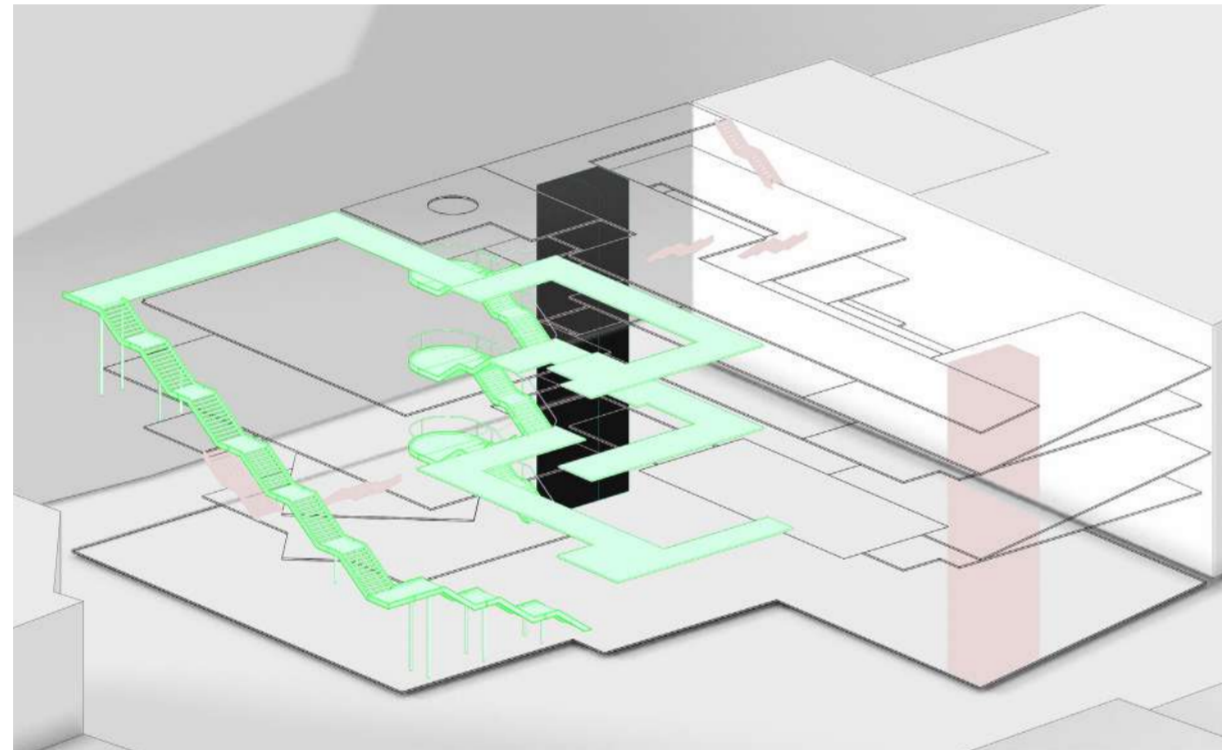


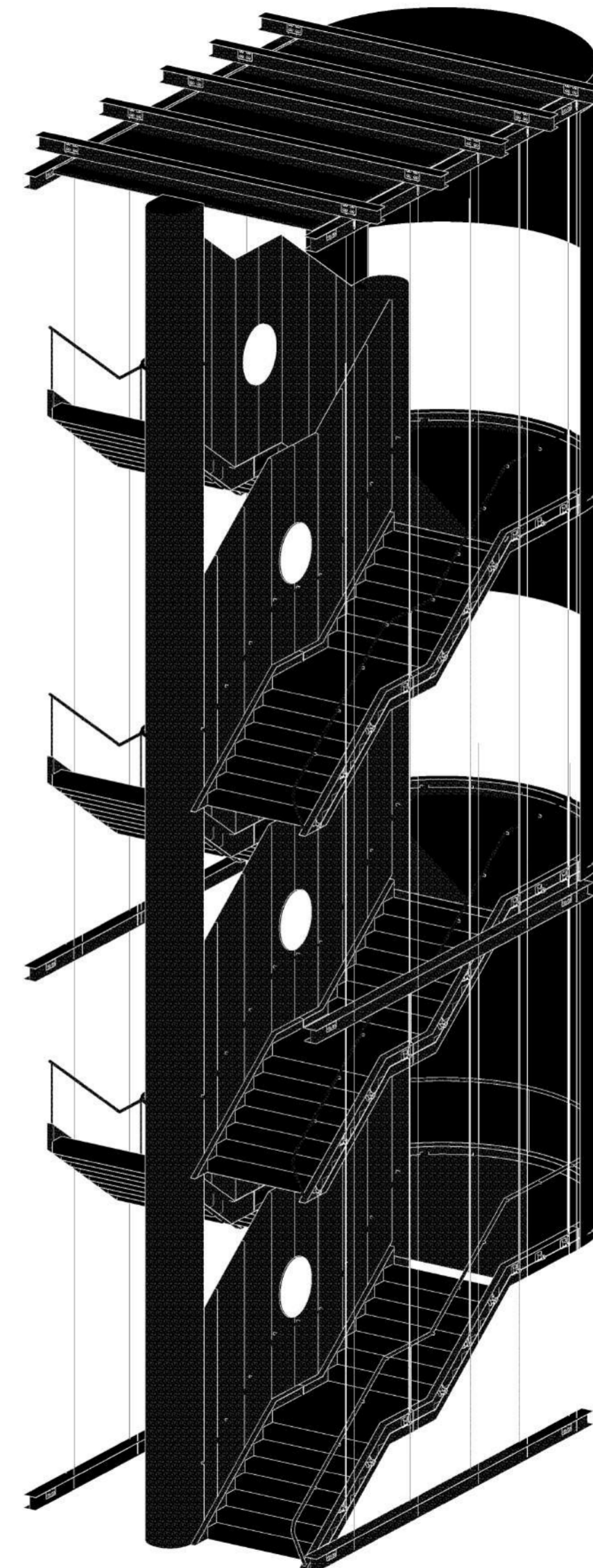
LONDON MUSIC ARCHIVE  
EXHIBITION  
LIVE MUSIC  
BAR

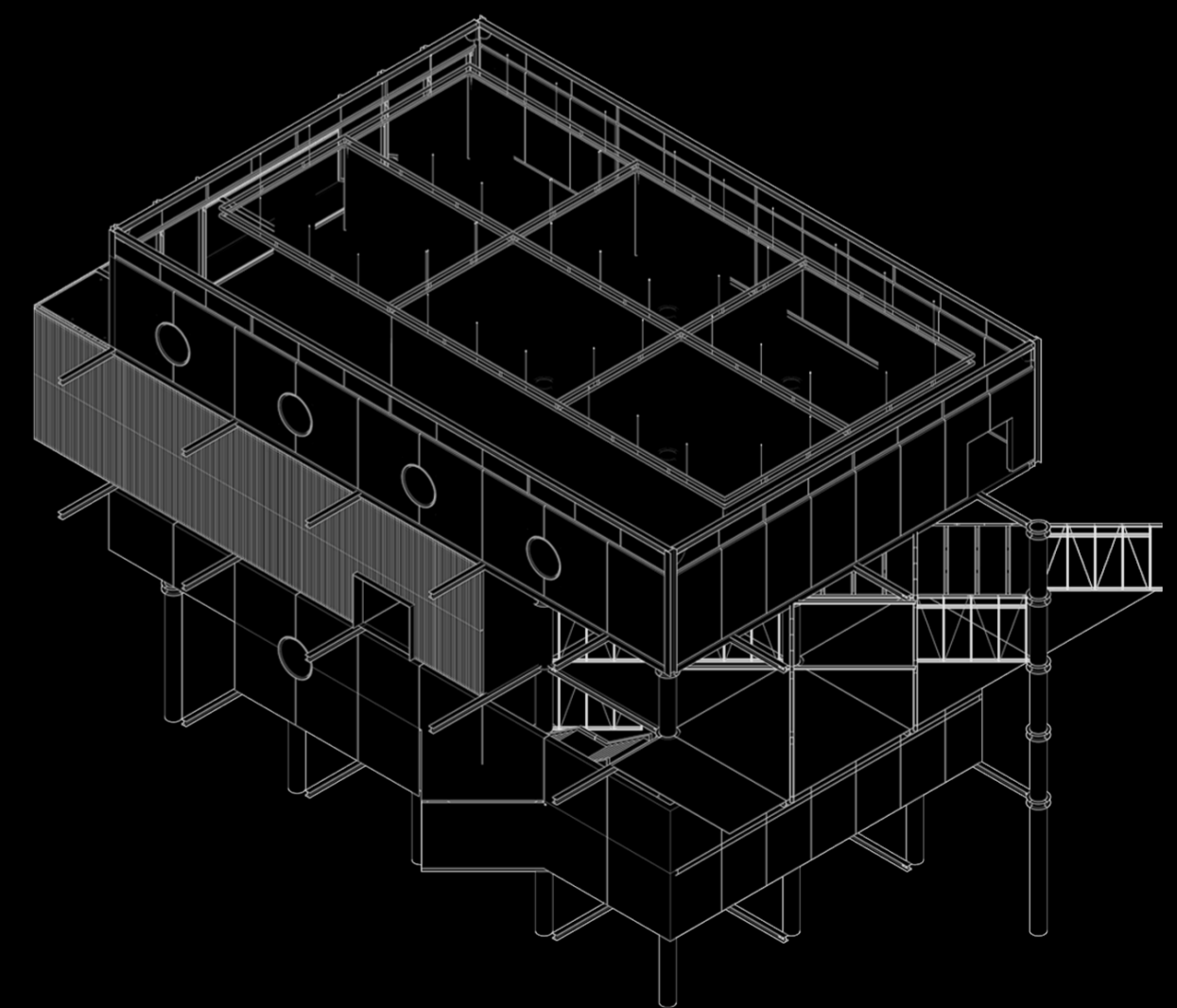
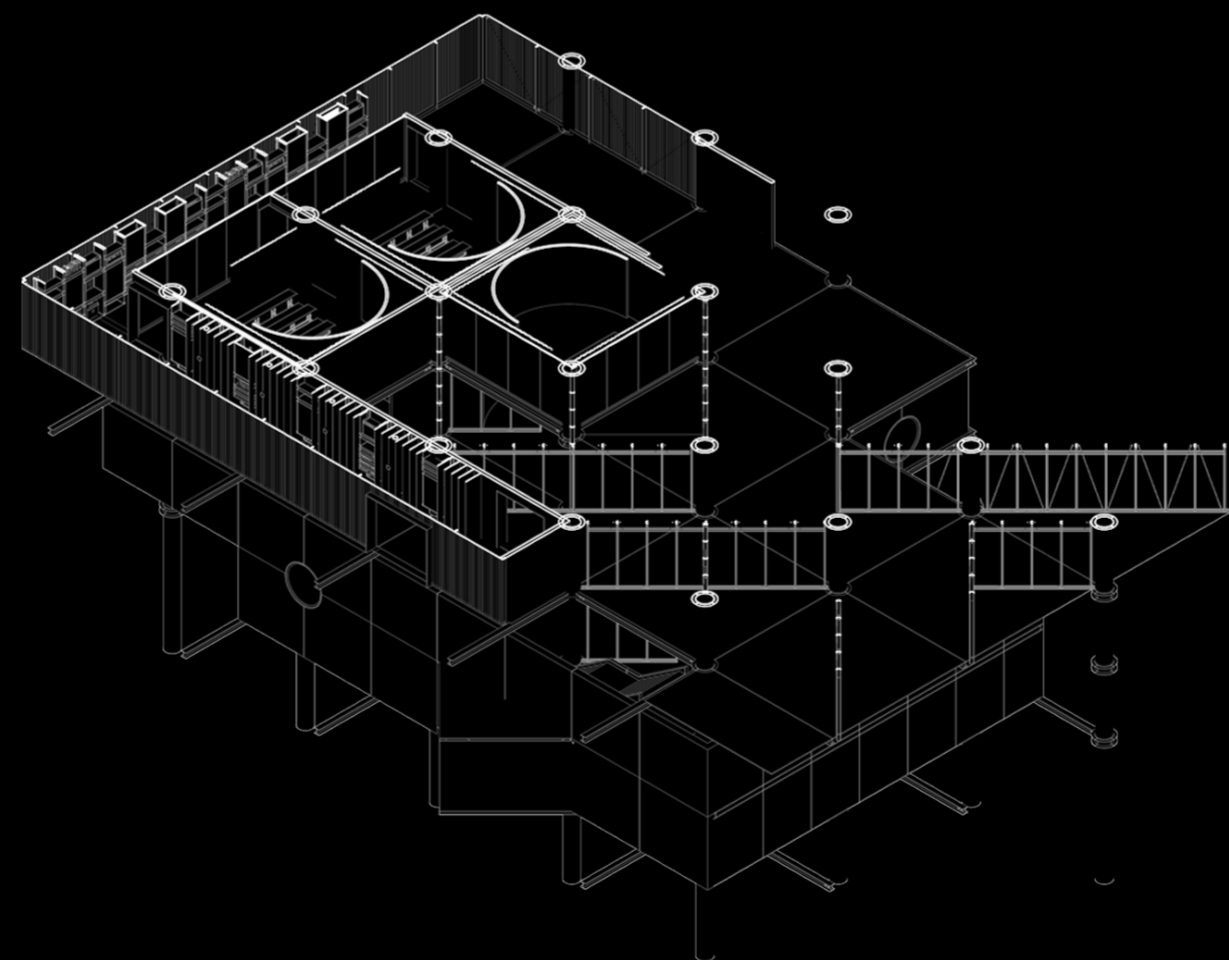
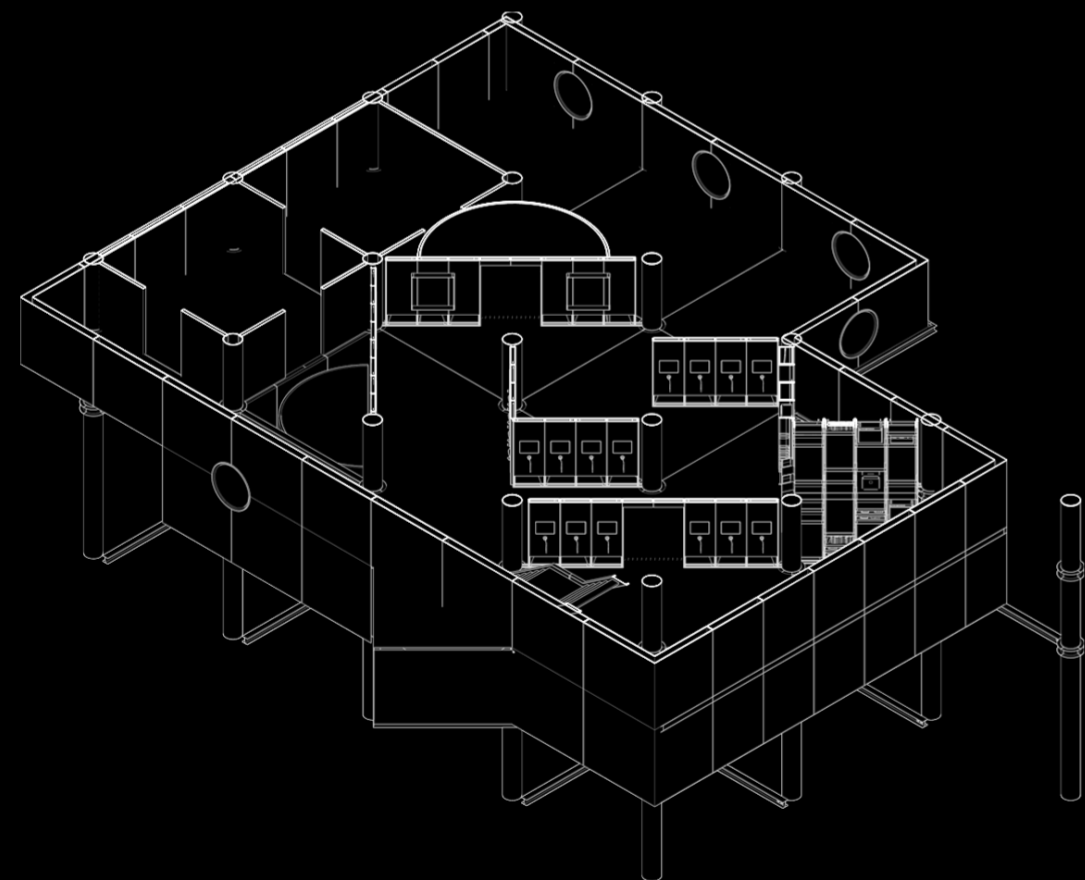
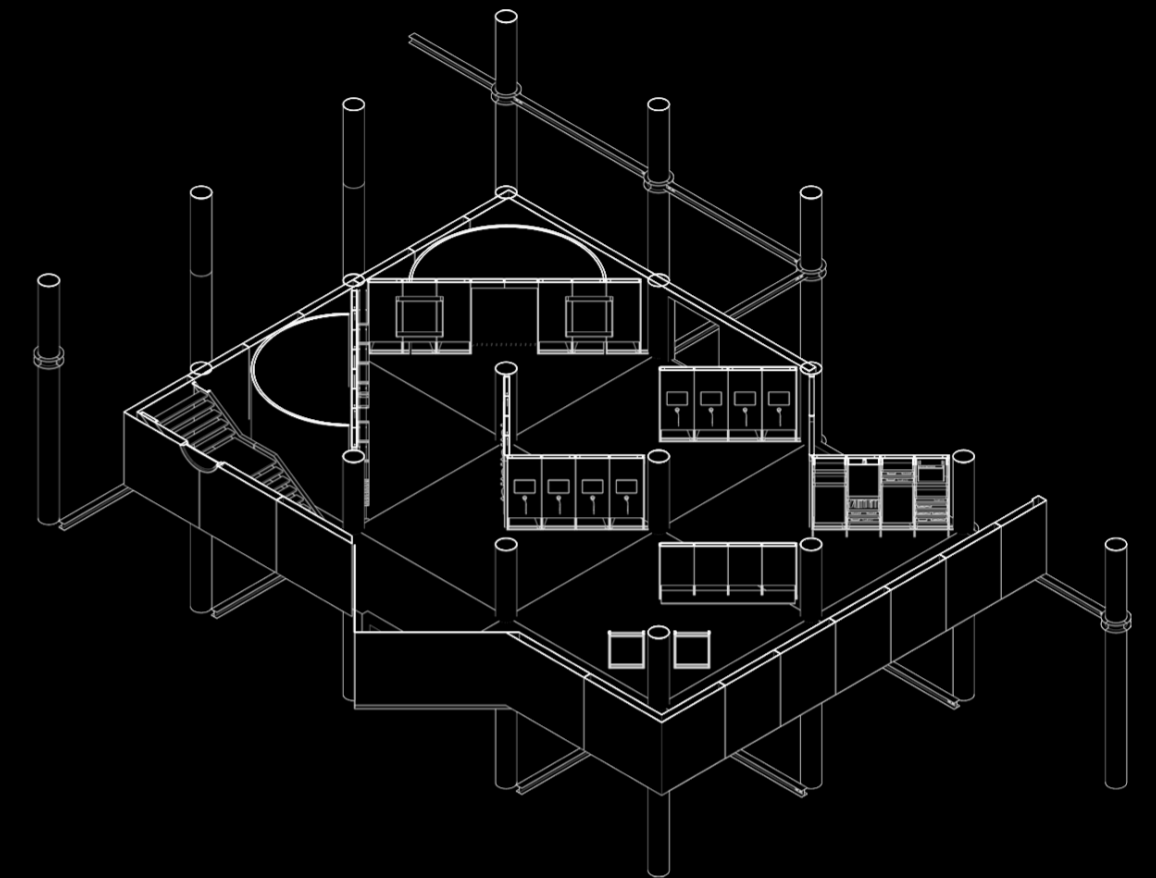
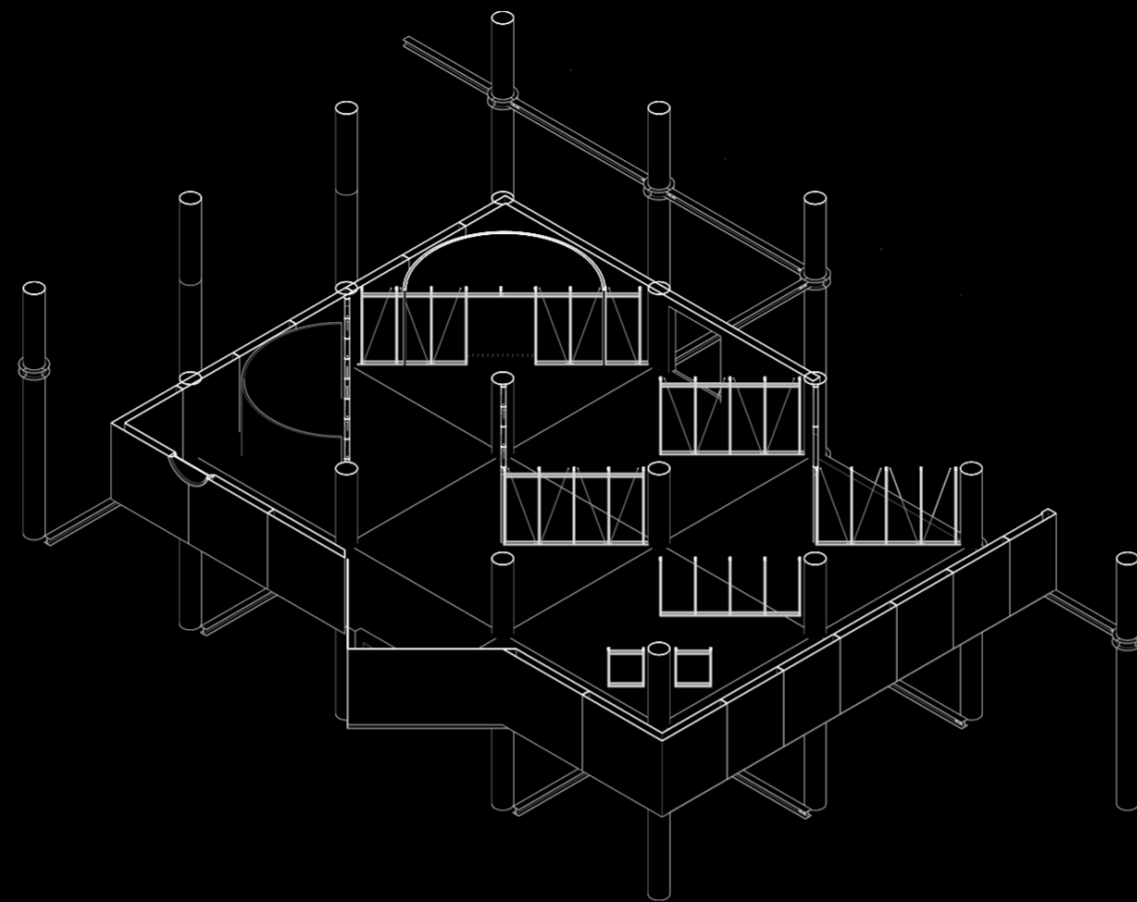
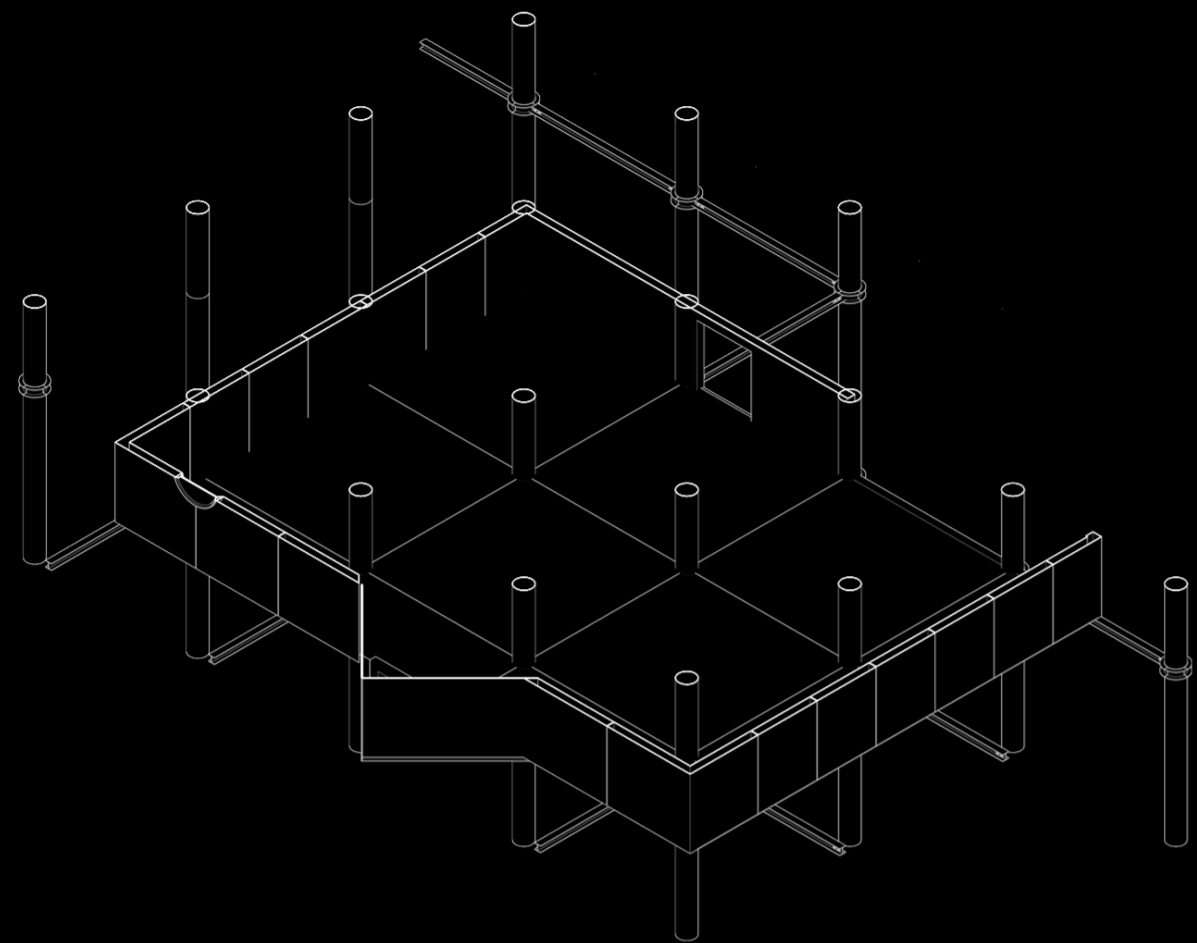
LIVE MUSIC  
BAR













cafe & bar

Let's go, darling  
Mom, I'd like  
take a boat

The Beatles

exhibition 1

The British Invasion  
is a memorable  
period  
exactly!

live music

Alright, Elly  
Couldn't be  
better

sunken square

cafe & bar

lecture

circulation

lift

toilet

toilet

cloakroom

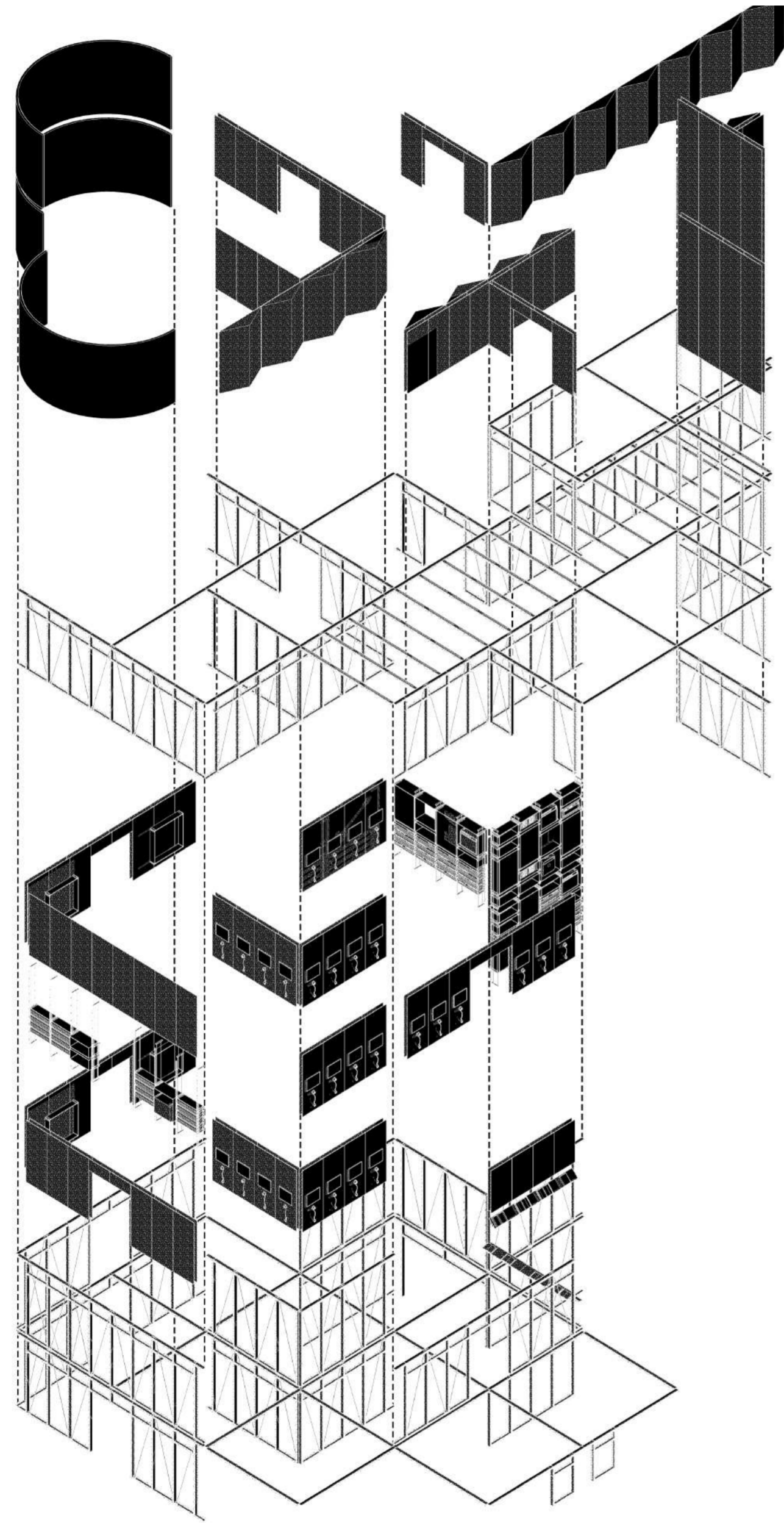
reception

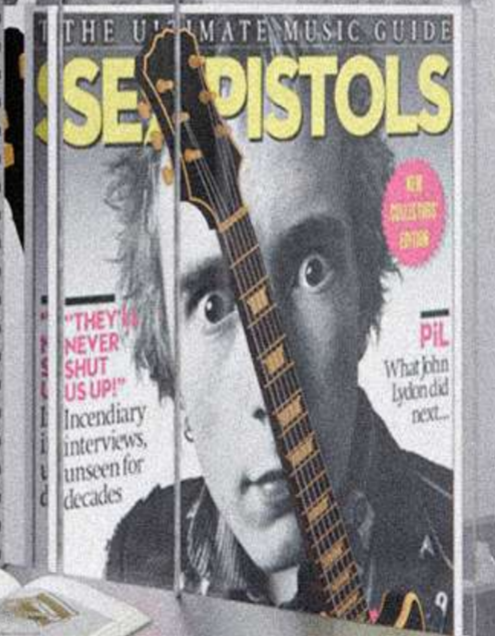
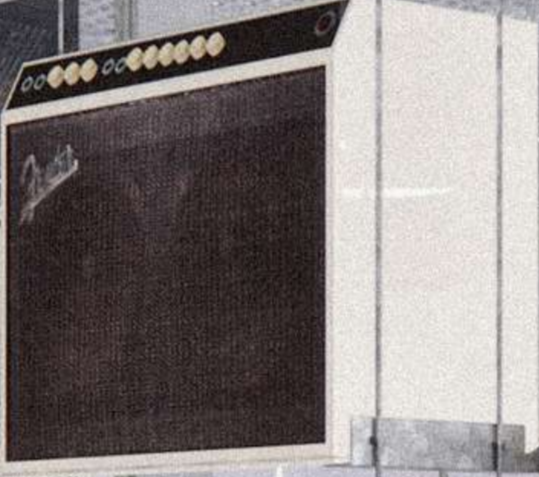
hall

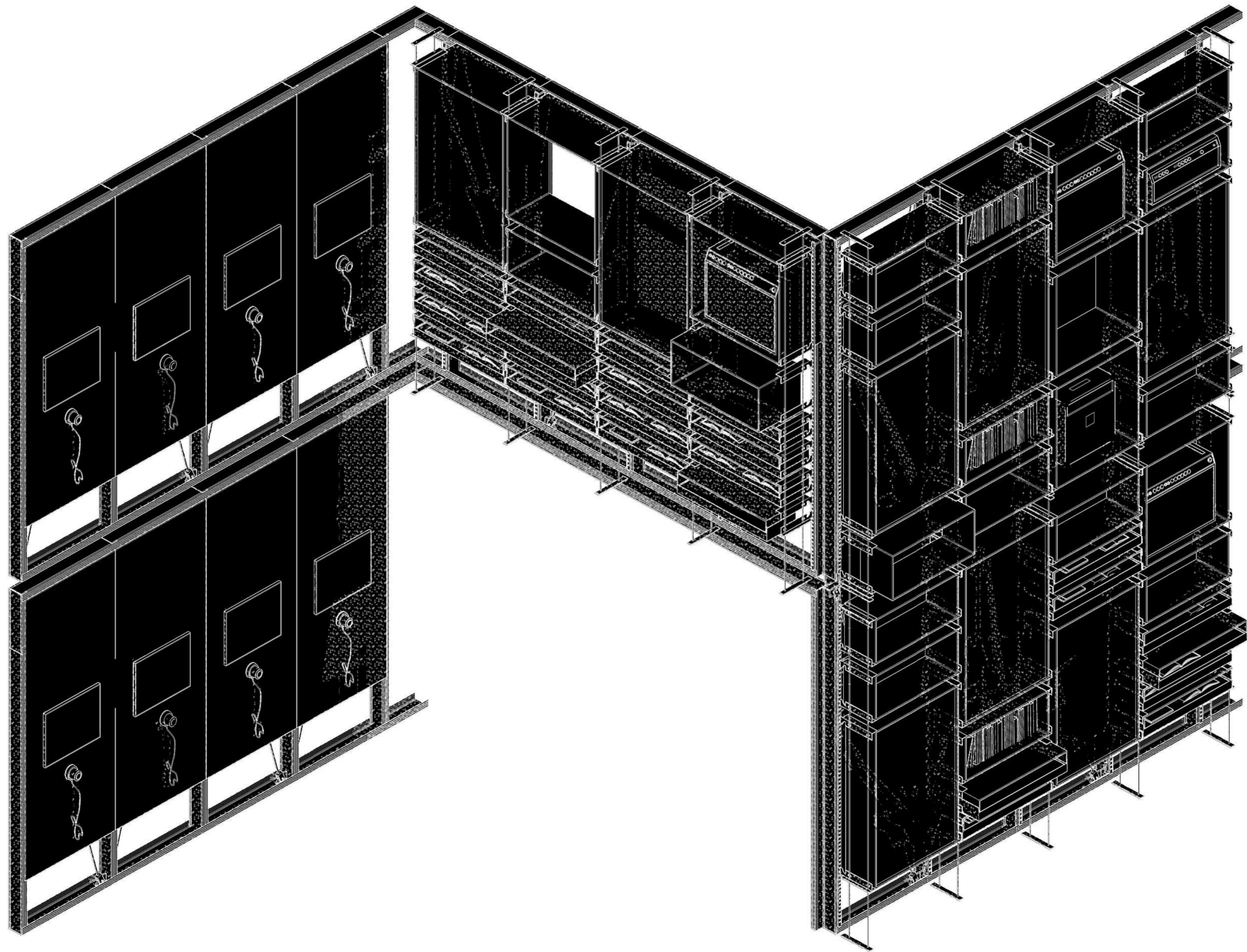
working area

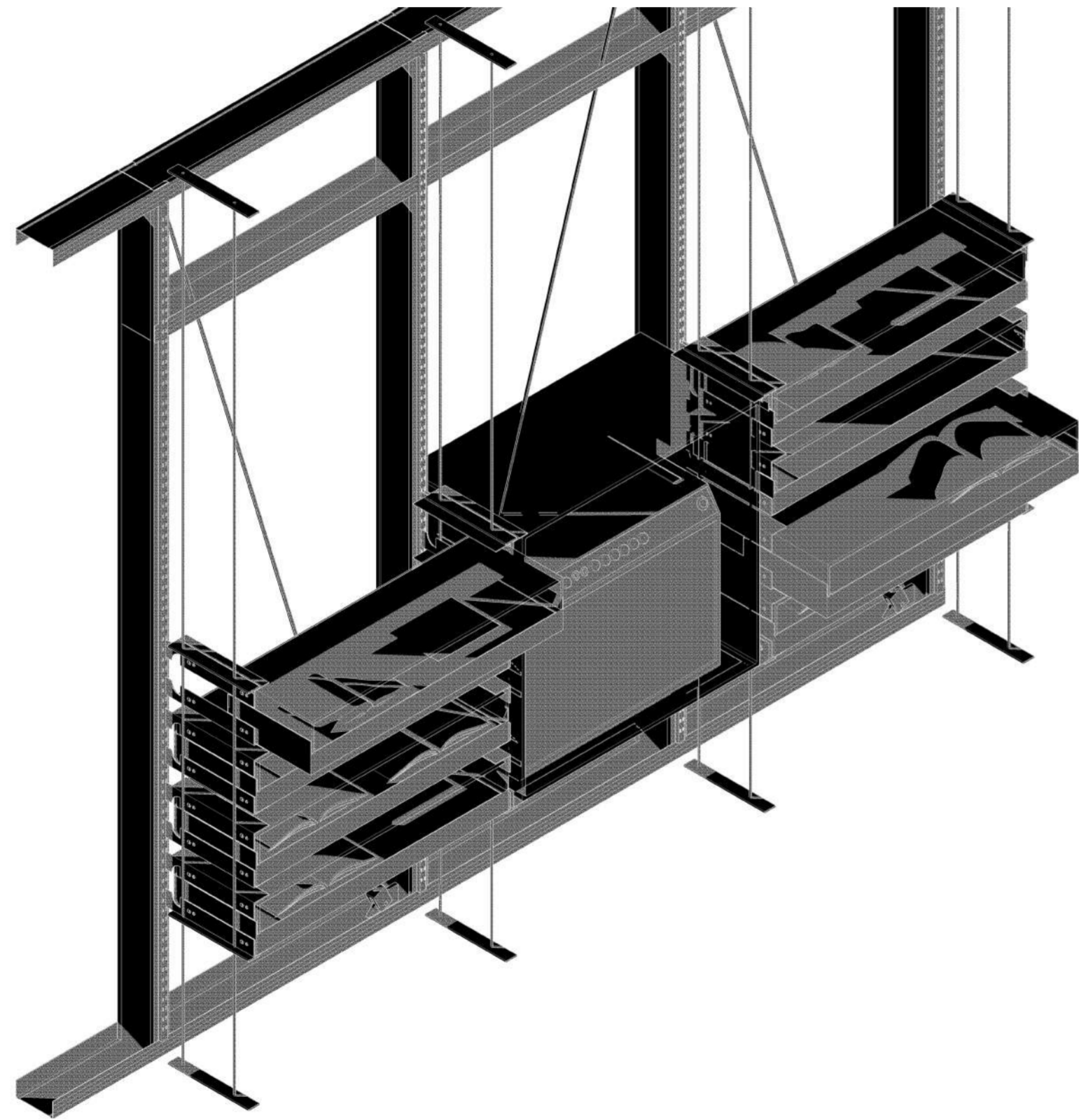
working area













Sounds great!  
Would you like to grab a coffee?

I LOVE Sex Pistols!

Do u like the Oasis?  
I prefer Blur!

Is the repair work completed?

85%

What a documentary!  
Very touched!

absolutely!

**PULP**  
COCKER CONSPIRACY

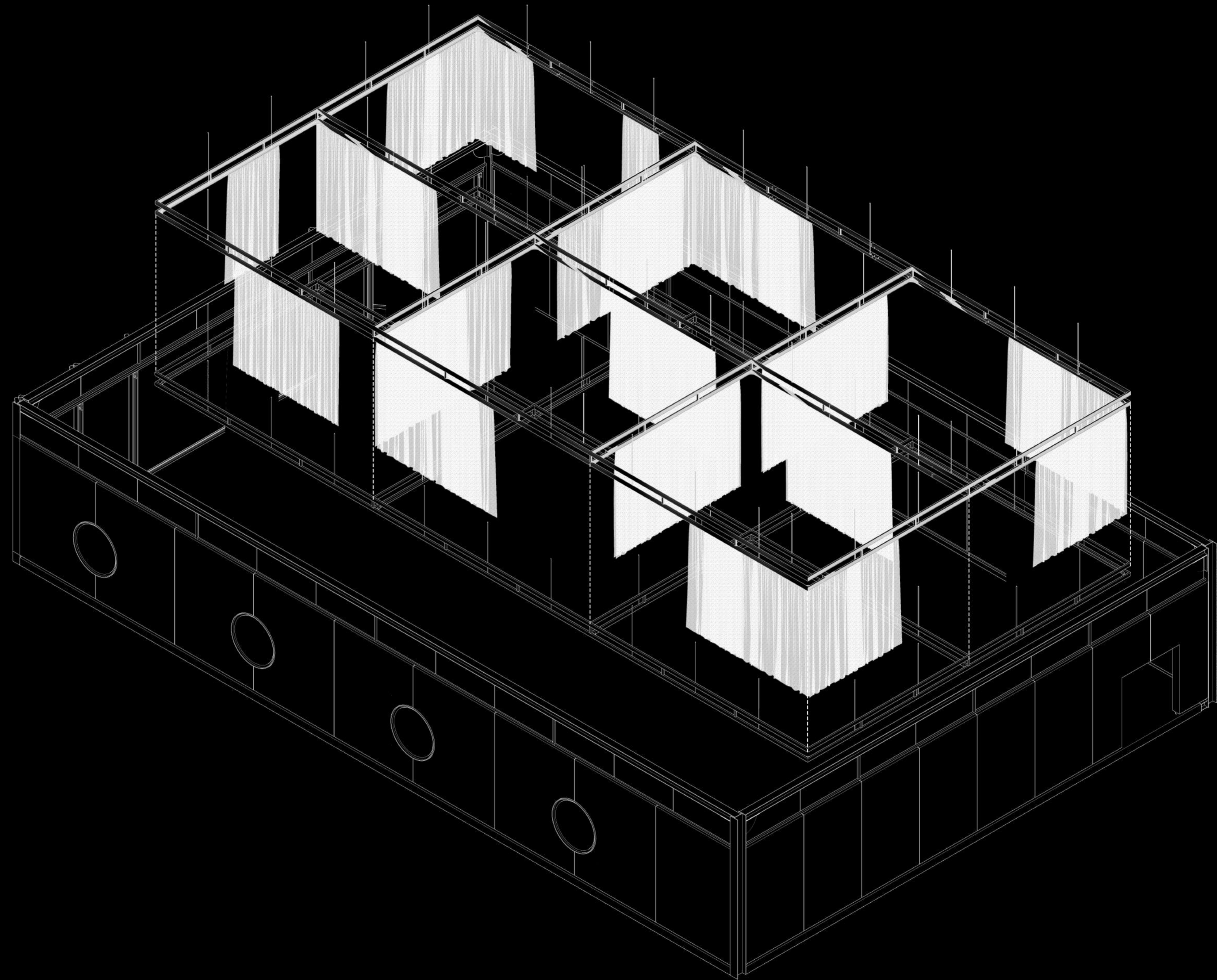
**PULP**  
COCKER CONSPIRACY

Ten years as Sheffield never-runs with faint cult cred, Pulp crystallise amateur dramatics torch-song lack at turn of '90s. Reborn as leading lights of crimpene renaissance with unlikely sex god Jarvis at helm

**SELECT**  
POP BABYLON!

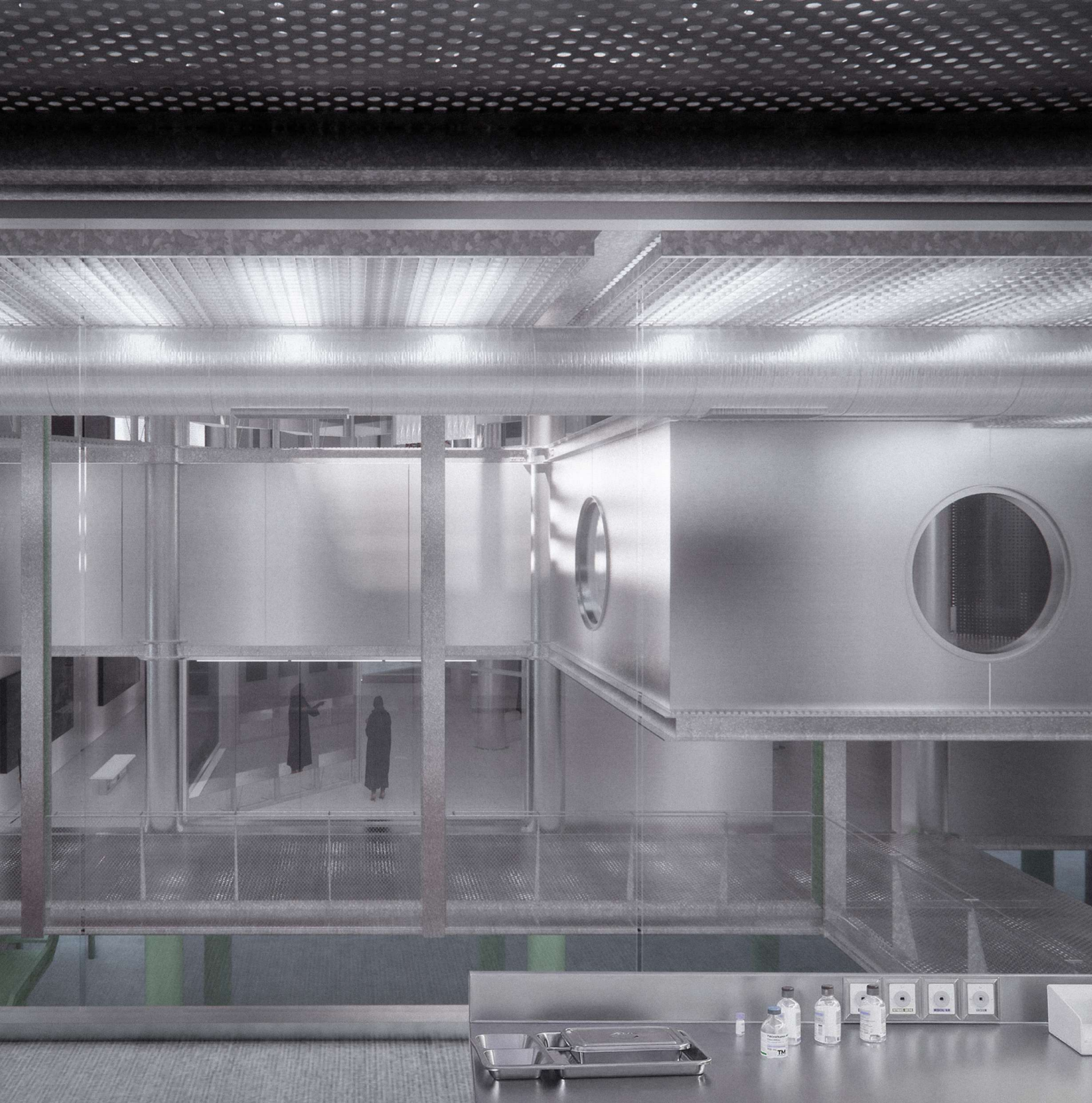
FREE SIX MASSIVE (28 x 28) FLYPOSTERS











INDOOR SYSTEM: Archive Storage





exhibition 4

toilet

exhibition 3

working area

exhibition 2

storage

storage

bow creek

terrace

platform

sunken square

exhibition 1

cafe&bar

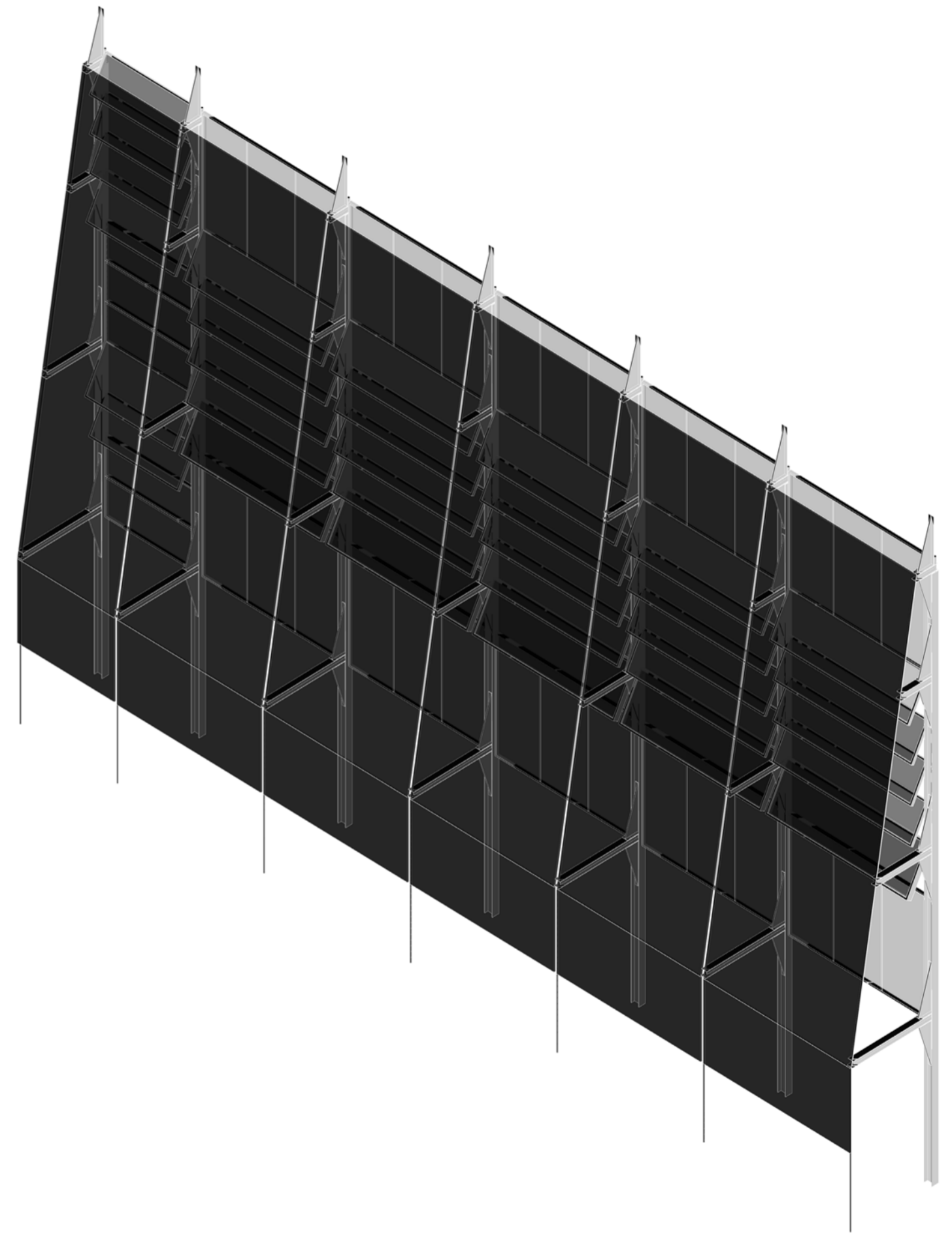
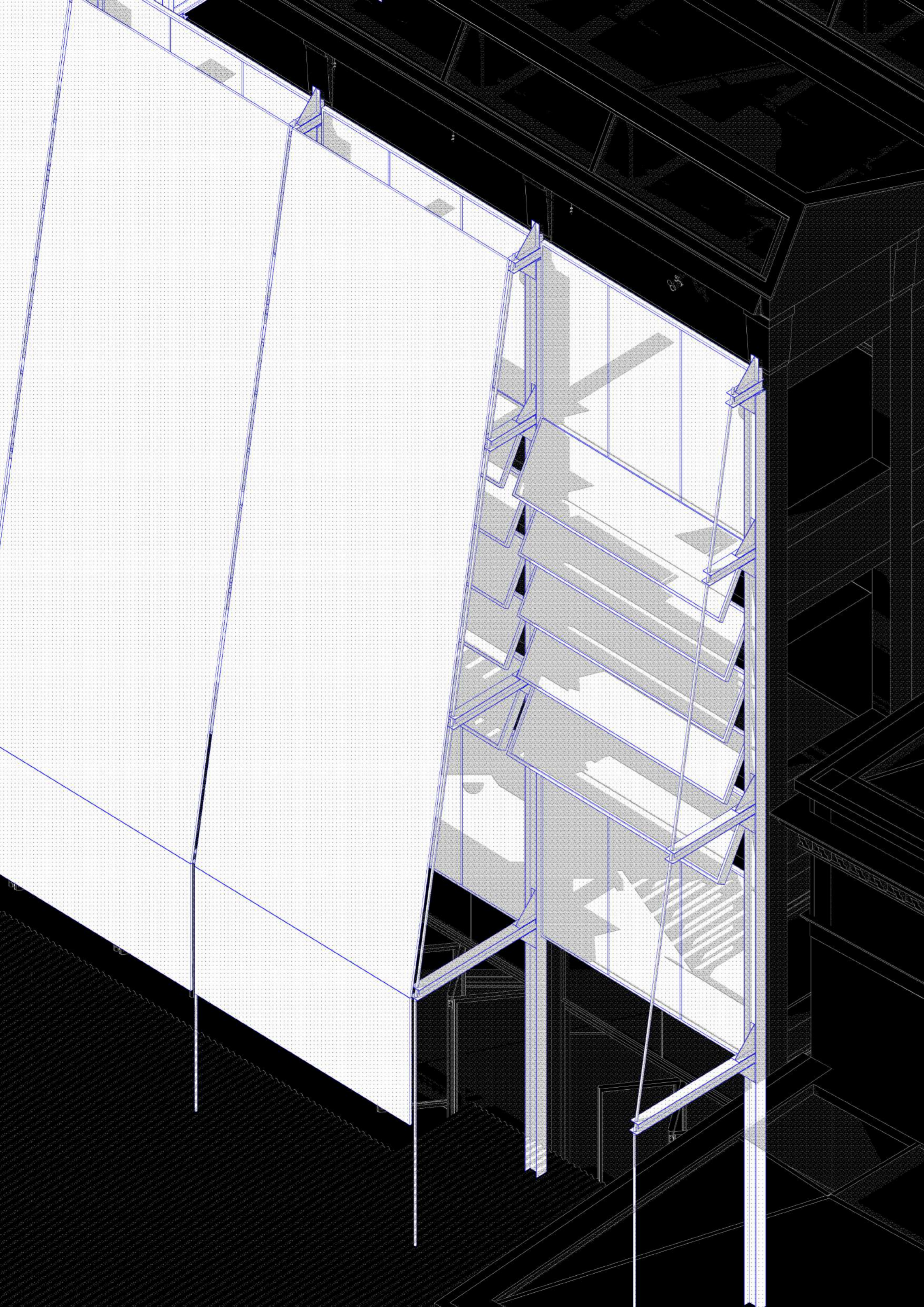
toilet

working area

cloakroom

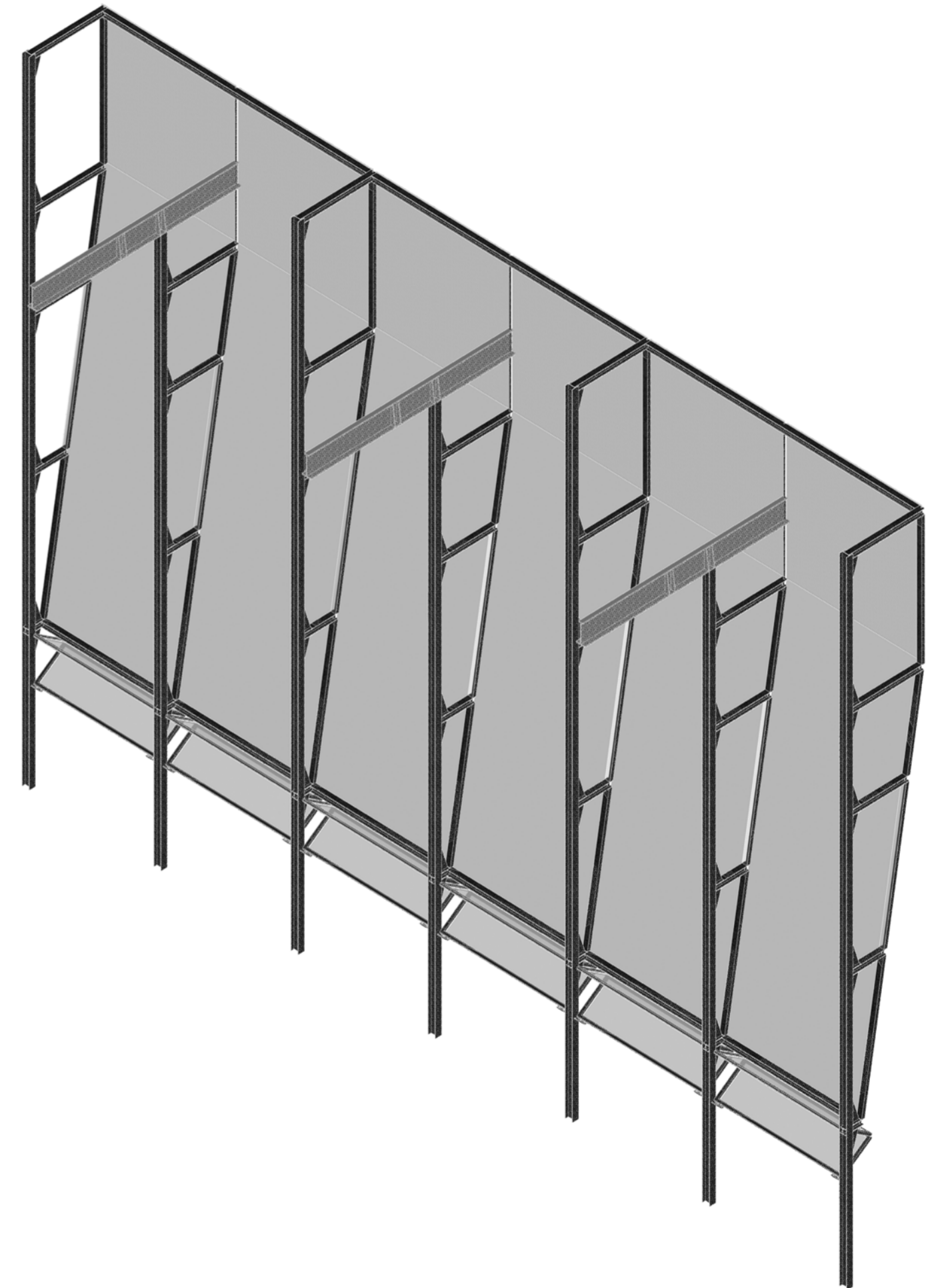
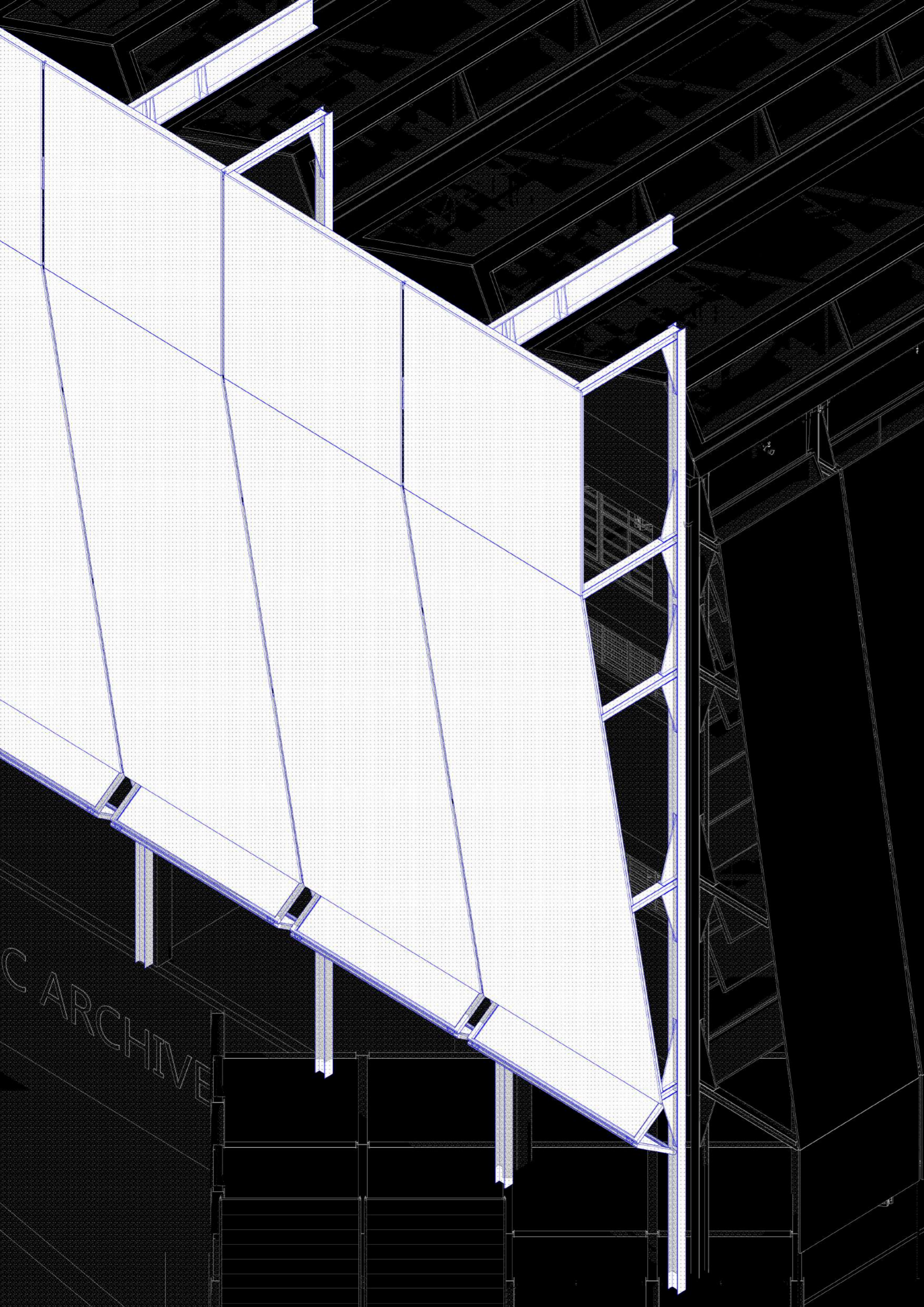
working area

live music

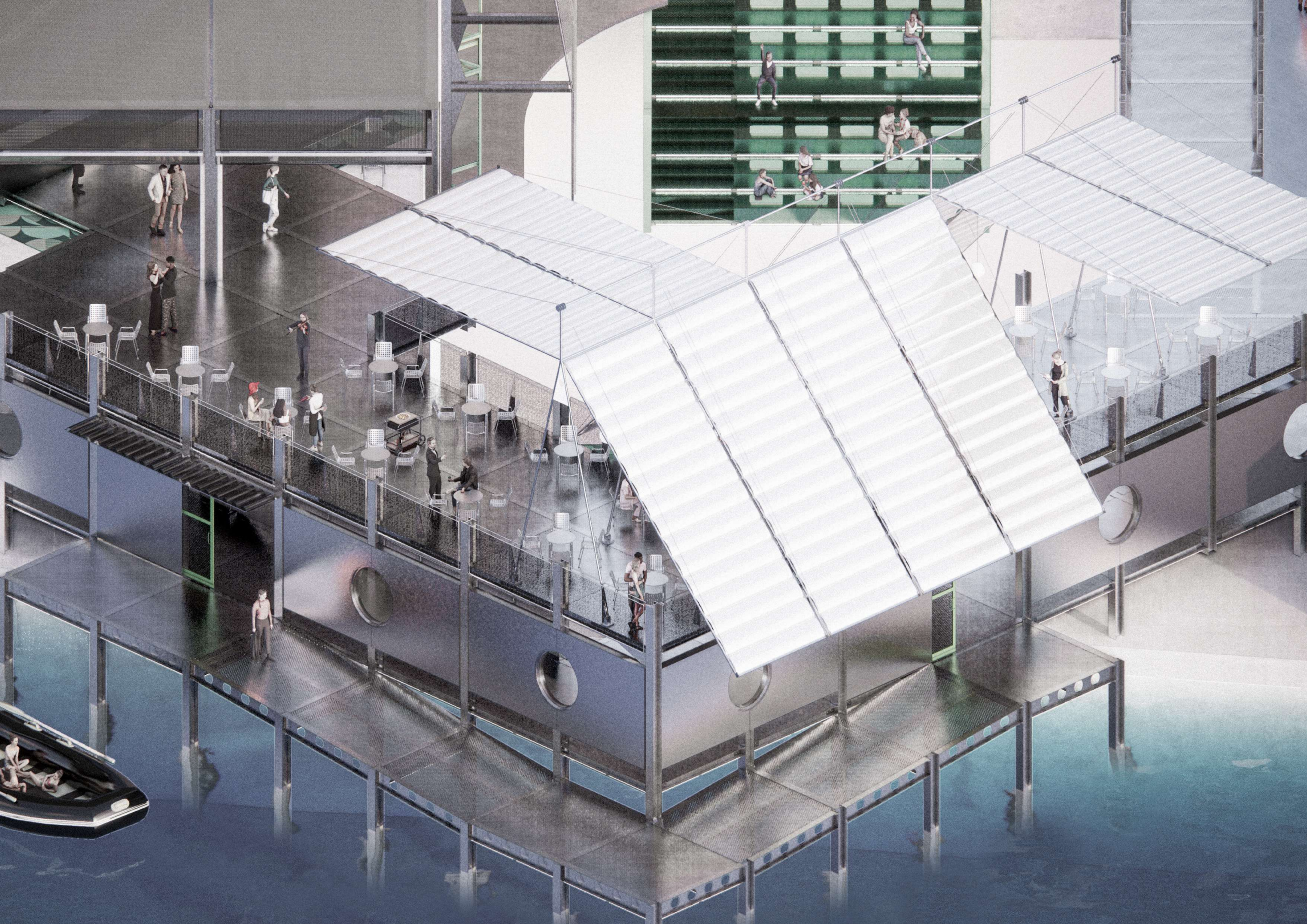


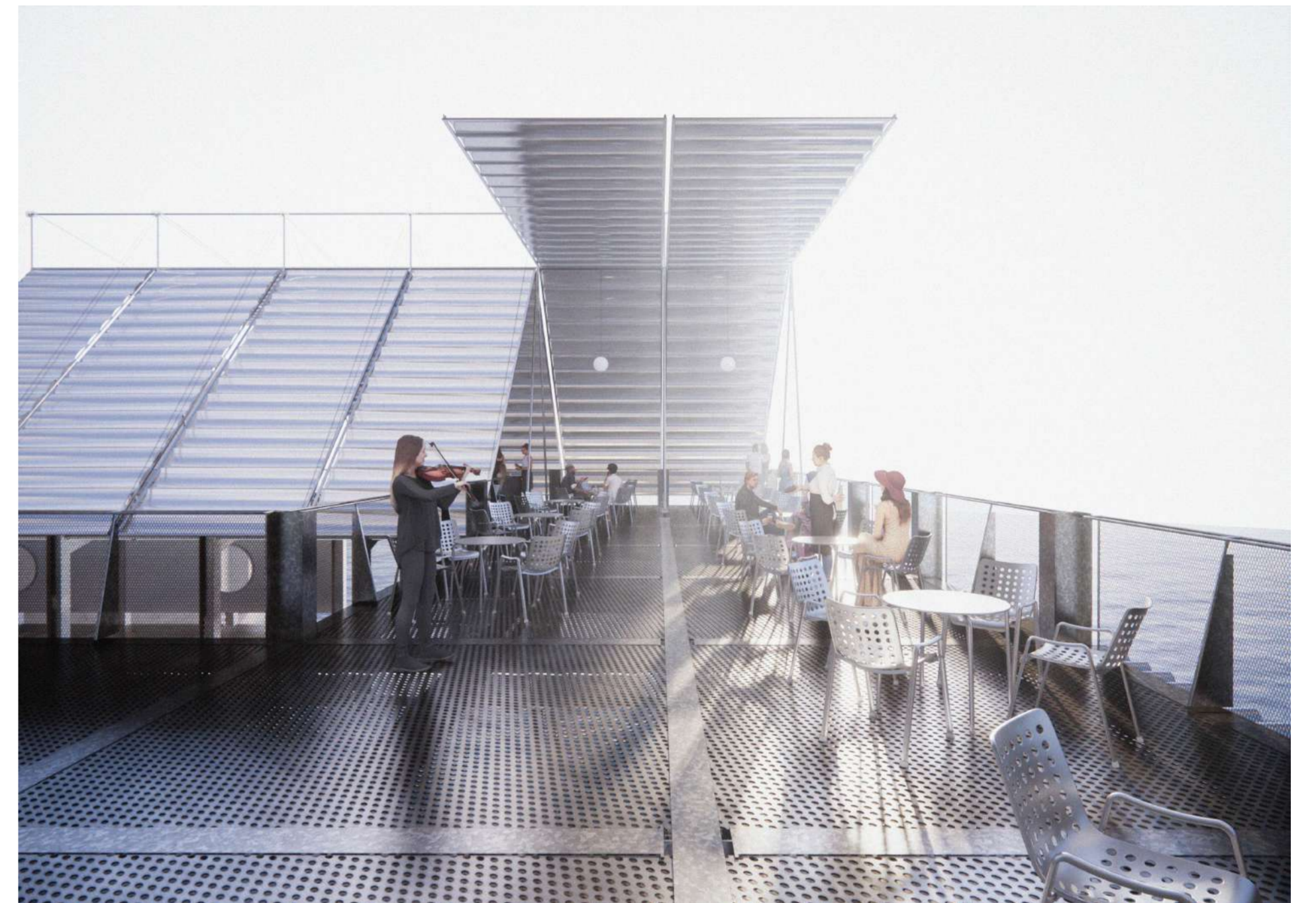
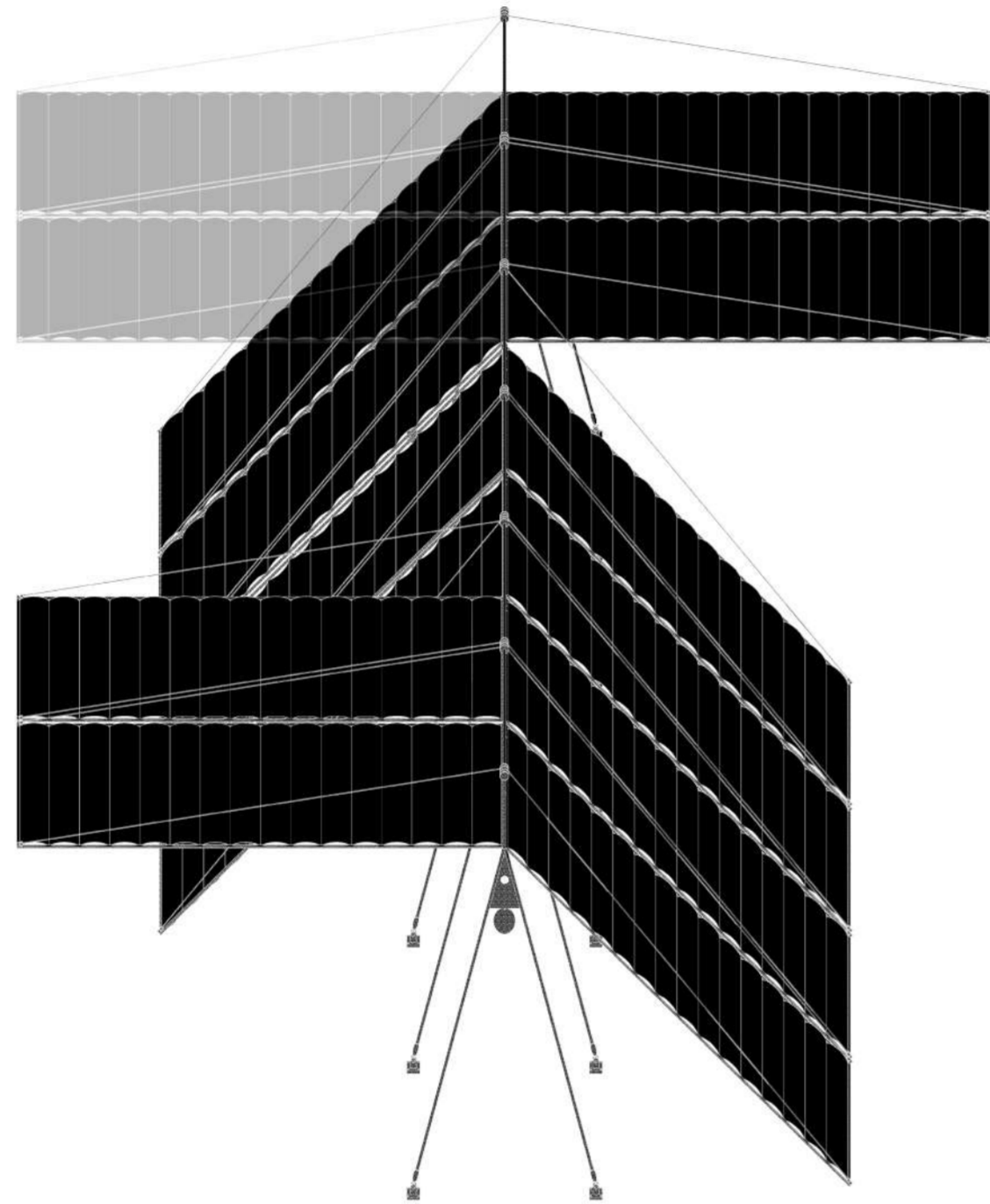
Facade System  
Ventilation & Lighting



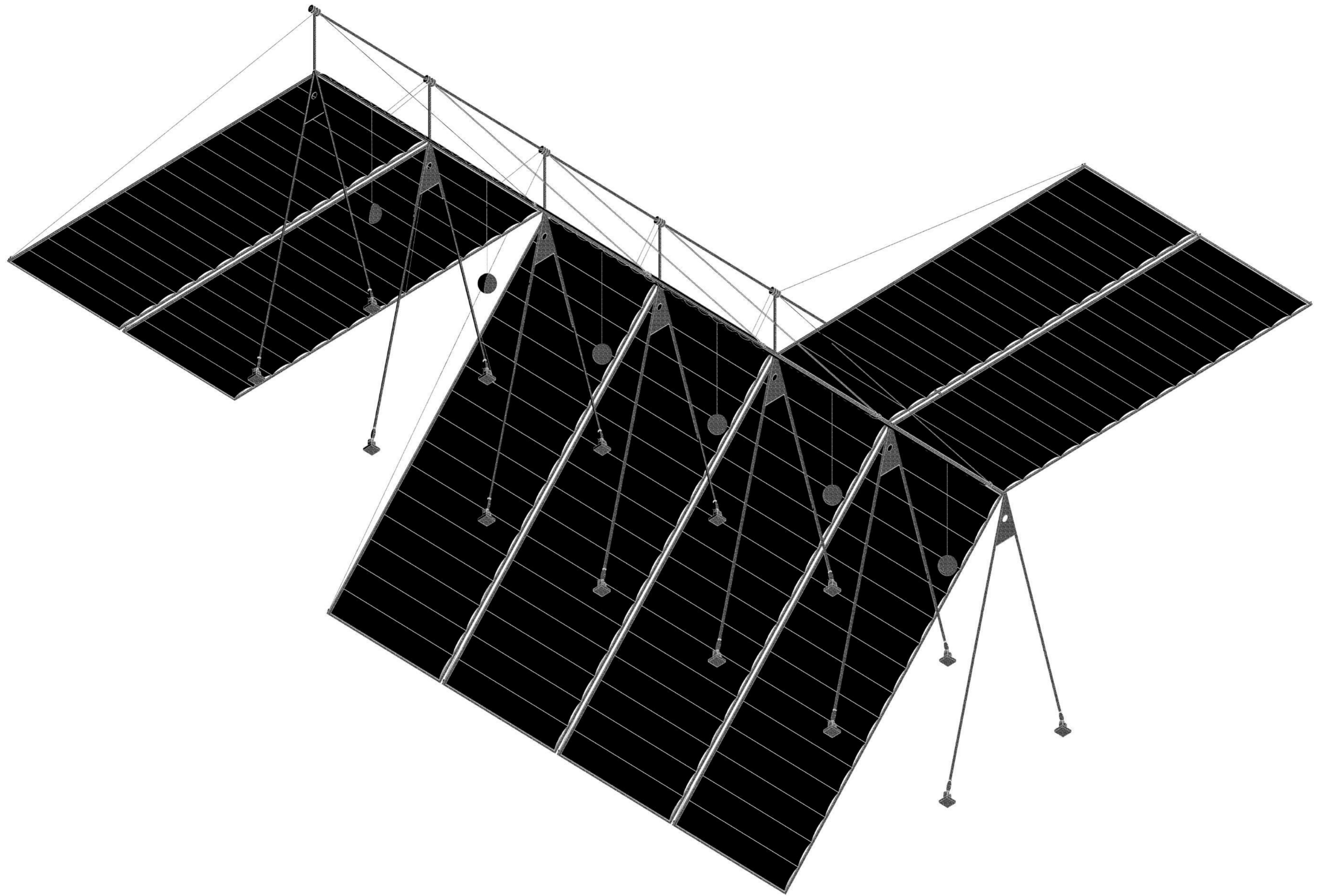


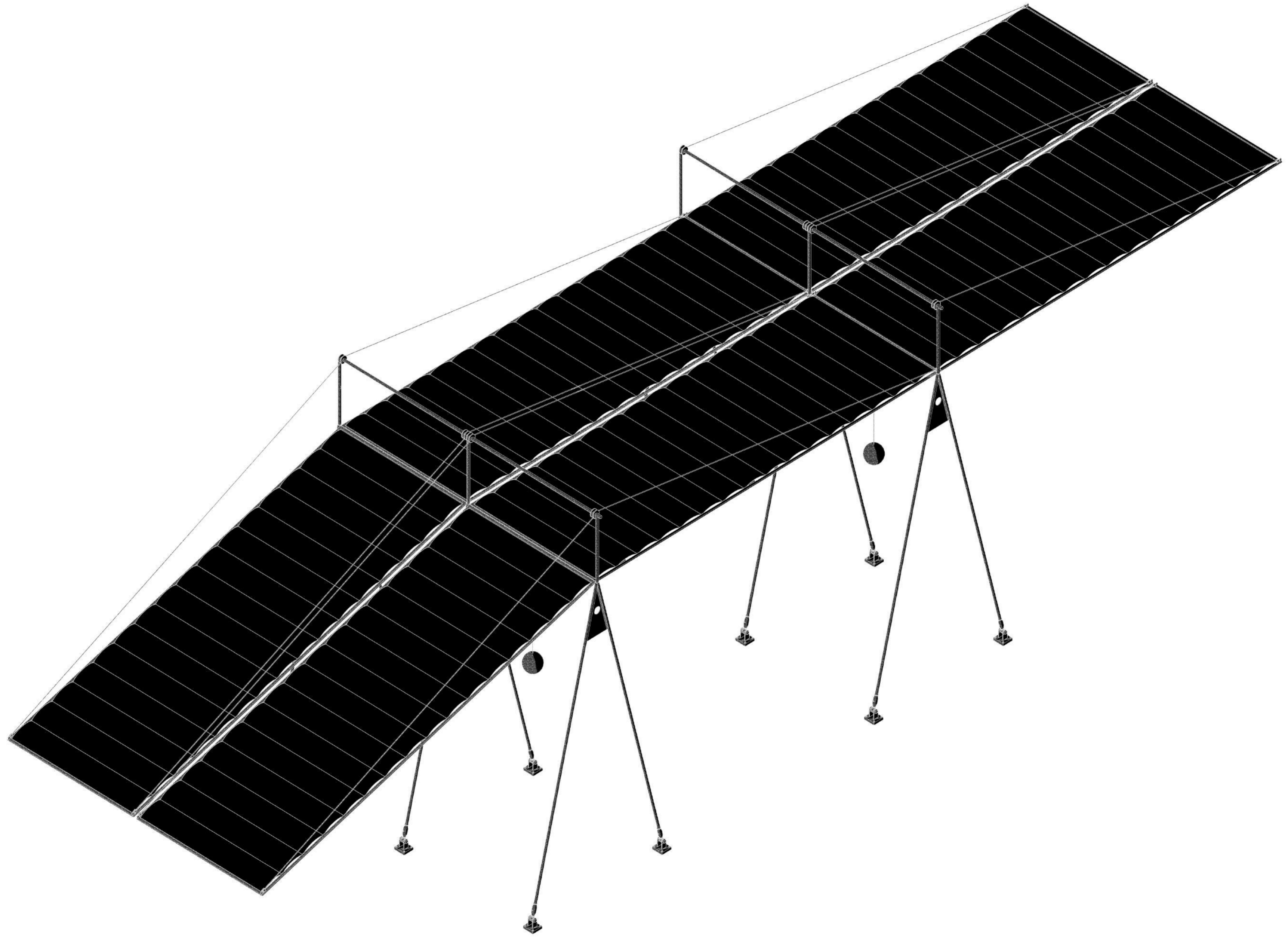


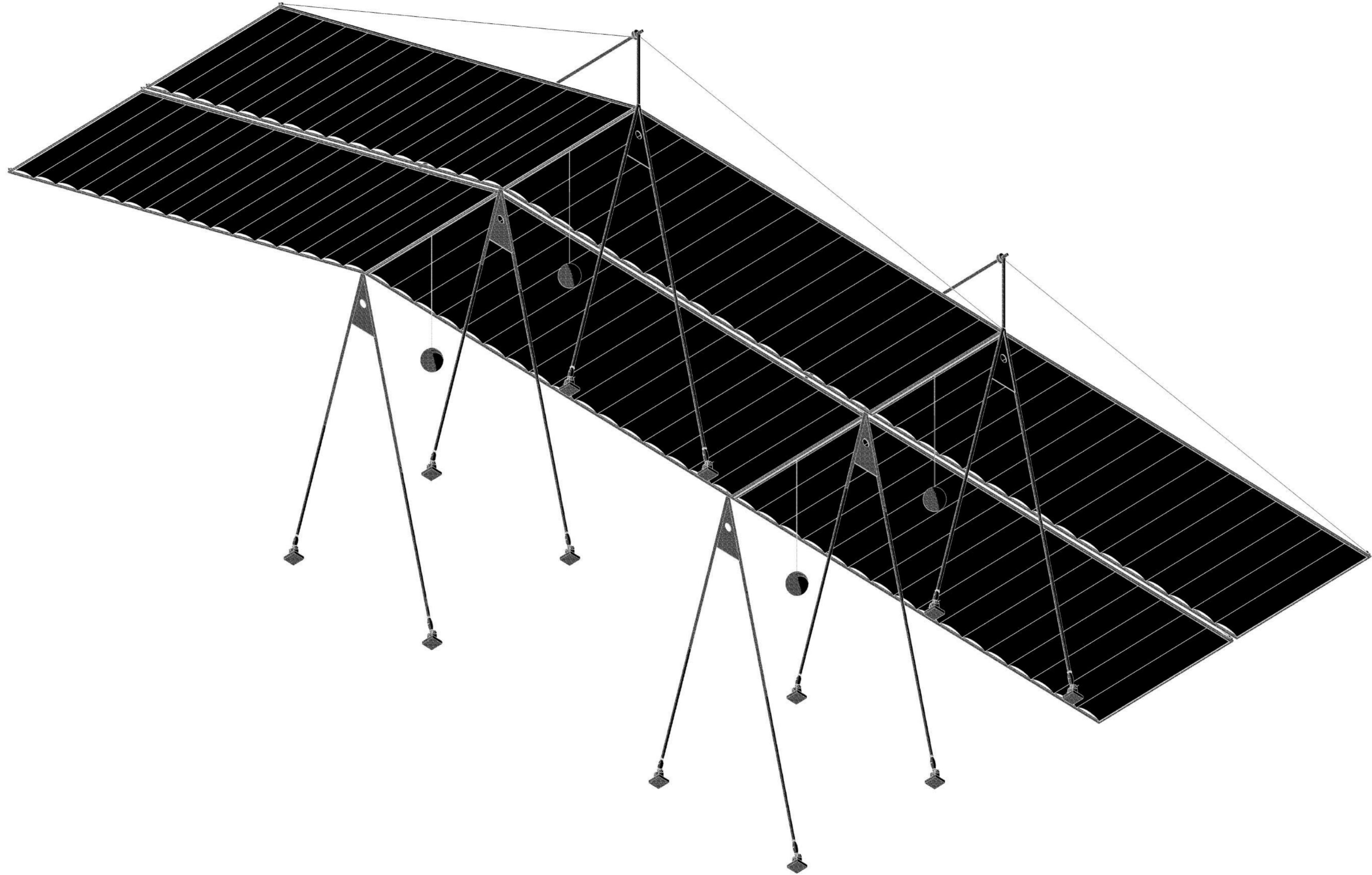




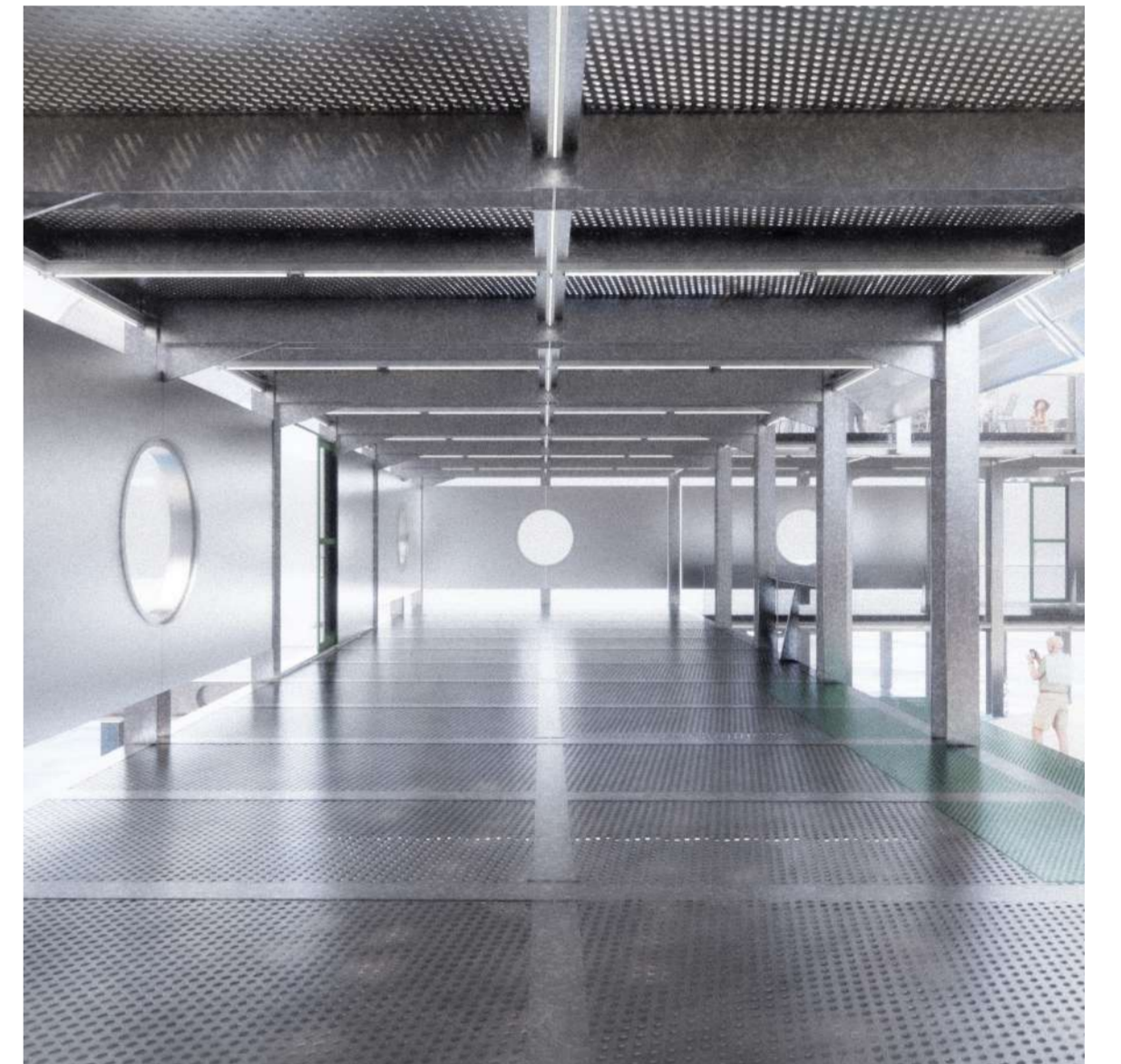




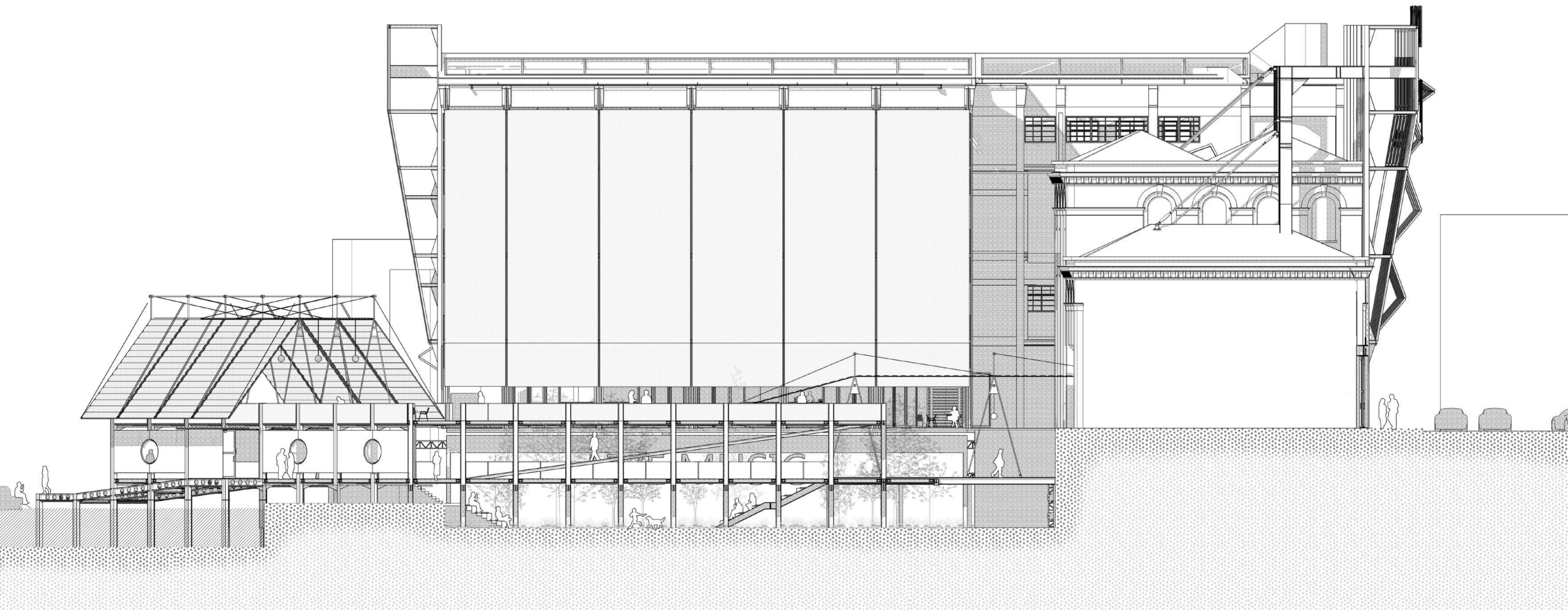














LONDON MUSIC ARCHIVE

VIEW



# LONDON MUSIC ARCHIVE

EXHIBITION  
LIVE MUSIC  
BAR



Rather than transforming the factory into a permanent monument, 'Plug-in 23 Gillender St' hopes to transform it into a flexible, renewable cultural factory that can respond to the needs of the community at any time, using music archives as a catalyst to reunite community cohesion.



# 05 Backtracking

*\_Conclusion at RCA*

Looking back on the study at RCA in 2023-2024, there is a correlation and iteration between each project. In terms of materials, the use of transparent materials (aluminum mesh/fiber mesh/PVC mesh/bubble wrap roll) is continued.

In this process, I discovered the characteristics of this type of material that can give a space a sense of hierarchy. By controlling the density and hardness of the material, it can create different spatial atmospheres. Meanwhile, this technique can connect different components and spaces, blurring the boundaries of space through layering. This process extends from four themes, namely 'structure', 'materials', 'spatial relationship' and 'node'

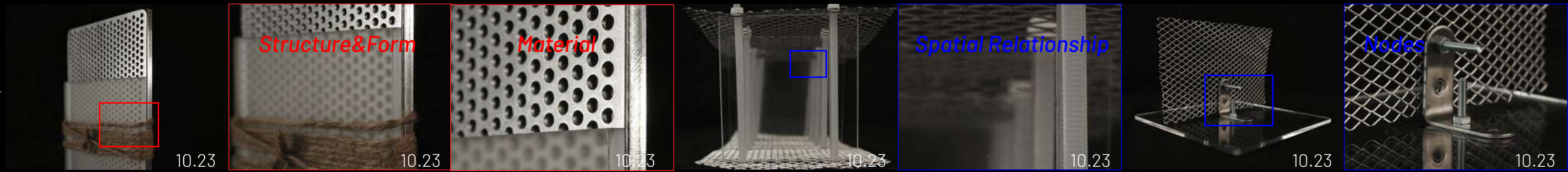


**a (mend)**

**Joint&Junction**

**Structure&Form:**  
Through wrapping and overlapping, the project of repairing broken vegetable baskets by Amend has been extended to the factory's exterior wall structure

**Spatial relationship:**  
The repetition of the same material extends the depth of the space, and the combination and superposition of different materials creates a blurred sense of boundaries.



**CrudeHints**

**Material:**  
Choose transparent, perforated, lightweight, mesh materials to iterate

**Nodes:**  
The fixed way of connecting two media through nodes reflects the aesthetics of the structure itself

**Factory**





ARCHIVE