

IS A MUSIC BUILDING FOR EVERYONE, **A MARVEL?**

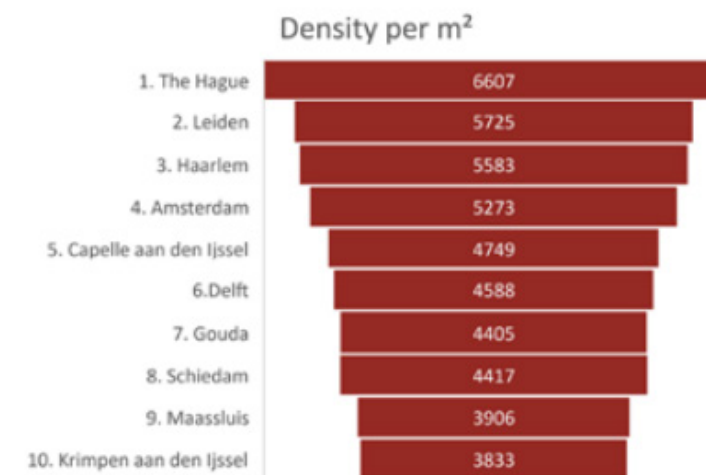
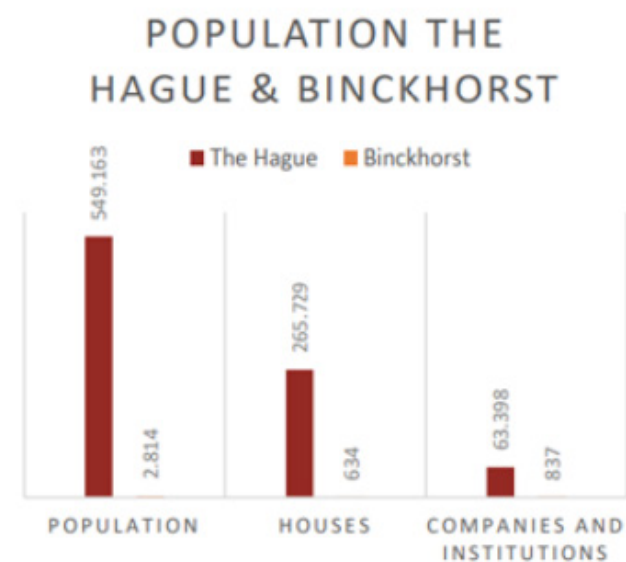
17-06-2022



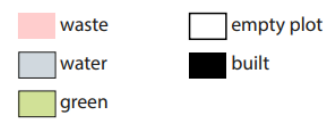
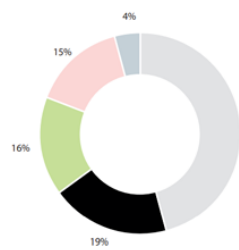
WHY: PROBLEM IN THE CITY

With the Hague continuing to grow in size the **Binckhorst is not at the edge of the city anymore**. Due to the strategic location of the area opportunities arise that can be utilized if the city wants to continue on growing. This explains the vision for the city of the Hague to densify the area and include more housing, to tackle the **housing shortage and shortage of public buildings**, like our hybrid concert hall. the municipality also wants to ensure that the current companies can stay in the Binckhorst, as they have been attached to the area for long and the municipality finds it unethical to move them out. At the same time the municipality is trying to transform the area into a safe, green and car-mellow environment.

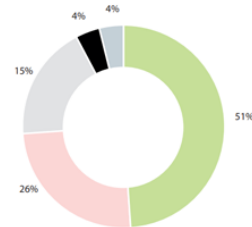
- Source: Lex De Jonge. 2021. AD: Hoe Den Haag in een diepe wooncrisis verzeild raakte



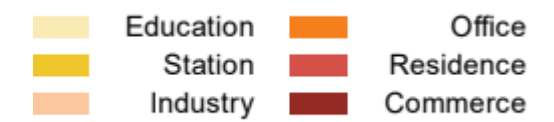
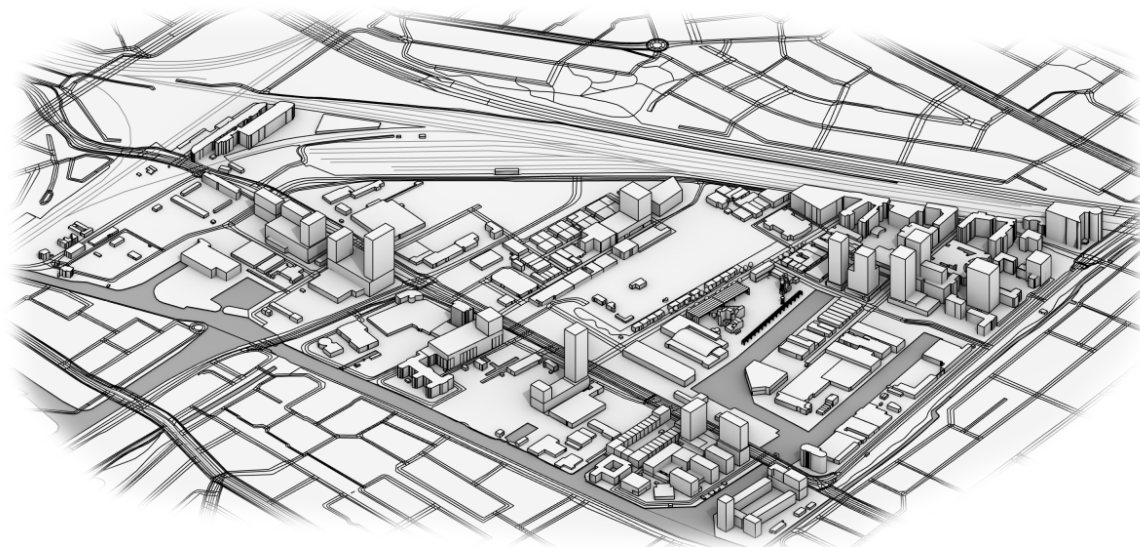
WHY: BINCKHORST



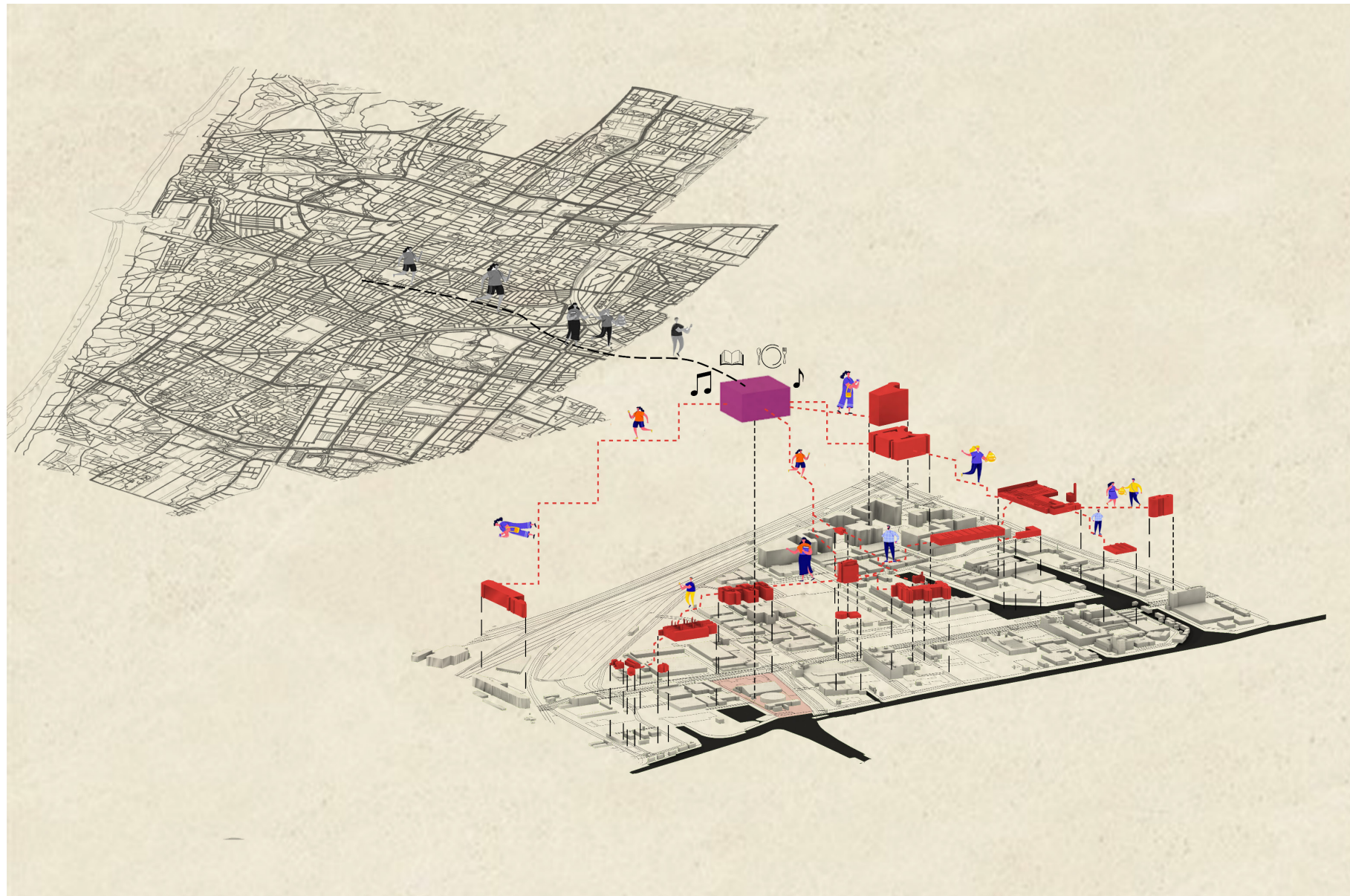
Existing



Future



MANIFESTO: CONNECTION OF THE HAGUE WITH BINCKHORST

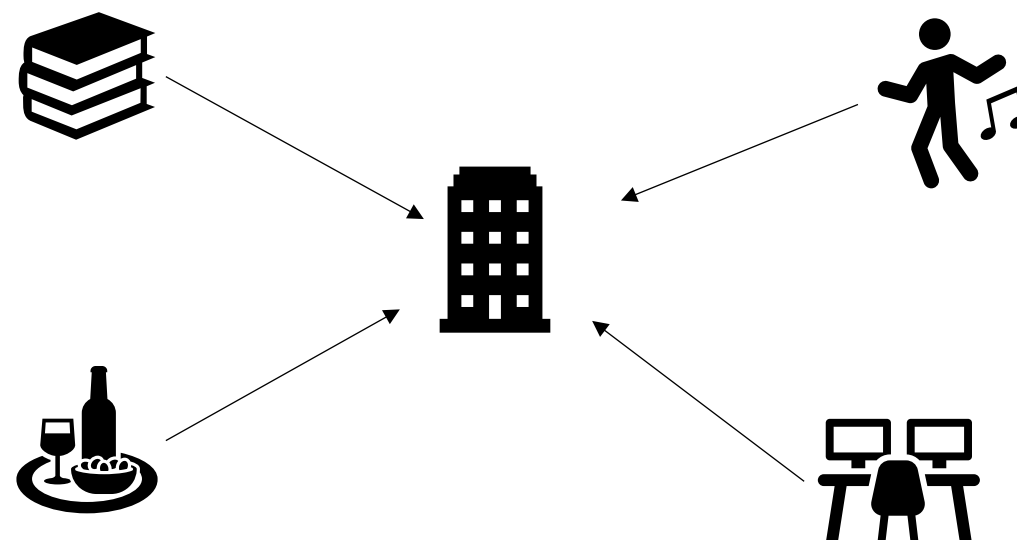




HOW: POWER OF HYBRID

the hybridization conceptual architectural ideas convey more than just one program; they involve a transdisciplinary symbiosis of disciplines with a clear purpose: "responding to three major challenges of modern society. – *University of Colorado*"

1. The land scarcity and its high value
2. Land and construction cost with conservative approaches by government on spending for public infrastructure has forced many civic institutions to find new ways of housing and funding themselves.
3. The need for specificity is allowing some architects to engage program rather than simply building for maximum (and Generic) flexibility, as was the predominant case previously.



WHAT

GOAL OF THE MUSIC BUILDING

WHAT: GOAL OF THE MUSIC BUILDING

Breathing life into Binckhorst through architecture and music:

- Define a design strategy as an infrastructure connecting "**spaces of encounter**"
 - Connecting The Hague to Binckhorst through **a hybrid program**
- **Connecting and exchange** people through sound and music with different spots in the building, but also with other buildings in Binckhorst (**playground effect**)

the goal is to design a building that is
about exchange on all levels
Binckhorst and Music building itself

IMPORTANCE OF MUSIC



The increased availability of music seems to encourage people to use music to manipulate their own mood, reduce stress, reduce boredom when performing tedious or repetitive tasks, and create environments suitable for certain types of social occasions. . Basically, music is used by individuals to improve the quality of their lives. – **Research of university of Oxford**

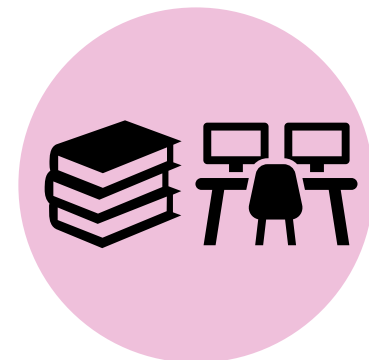
WHAT: PROGRAM AND TARGET GROUPS



MUSICHALL

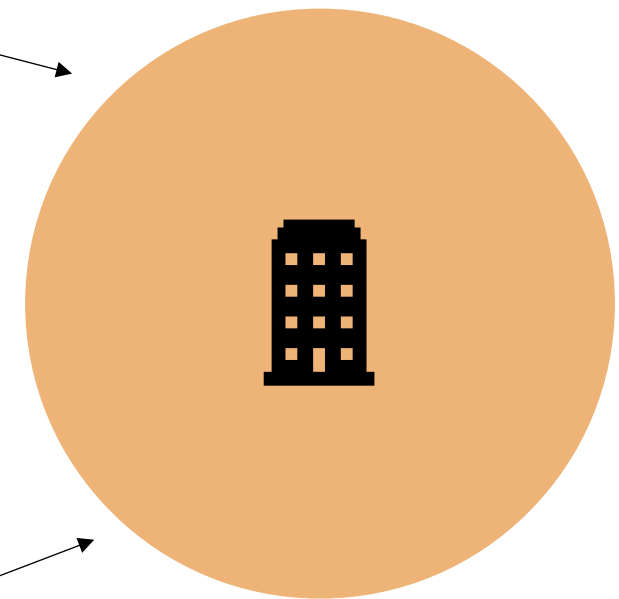


FOODCOURT & RESTAURANT

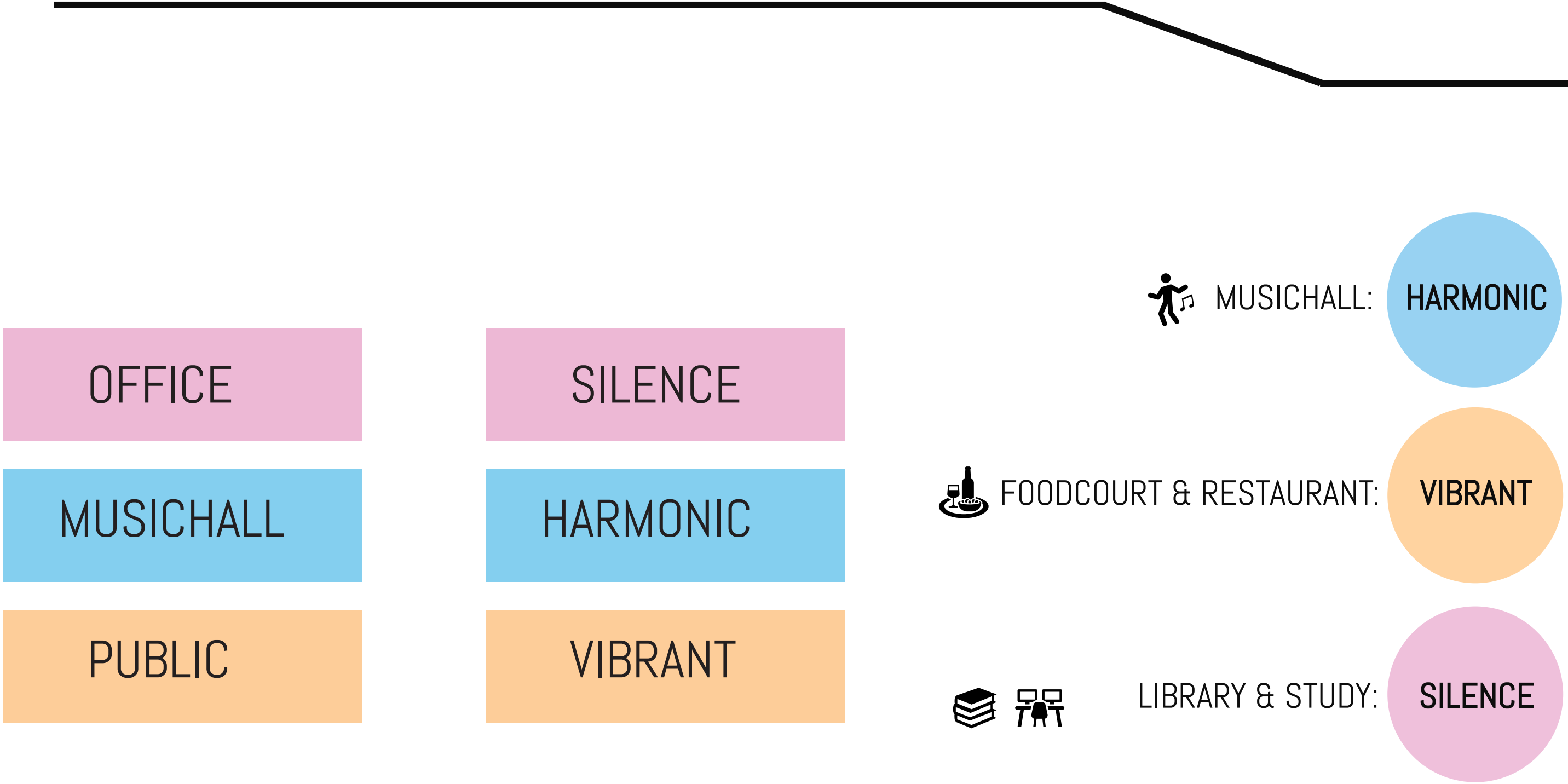


LIBRARY & STUDY

ONE BUILDING



INTERACTION BETWEEN FUNCTIONS



WHERE

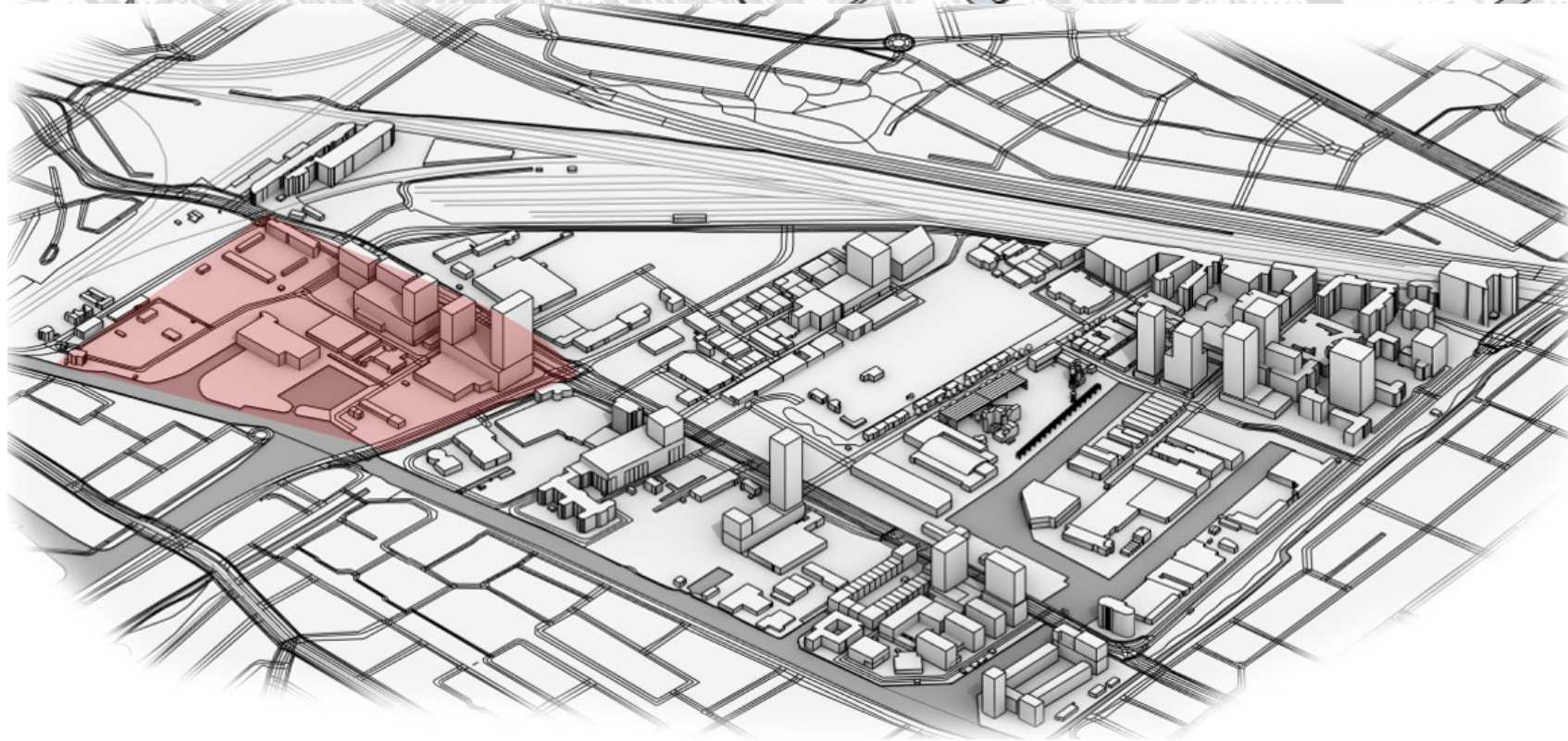
STRATEGIC PLACE IN BINCKHORST

WHERE: GASFABRIEKTERREIN

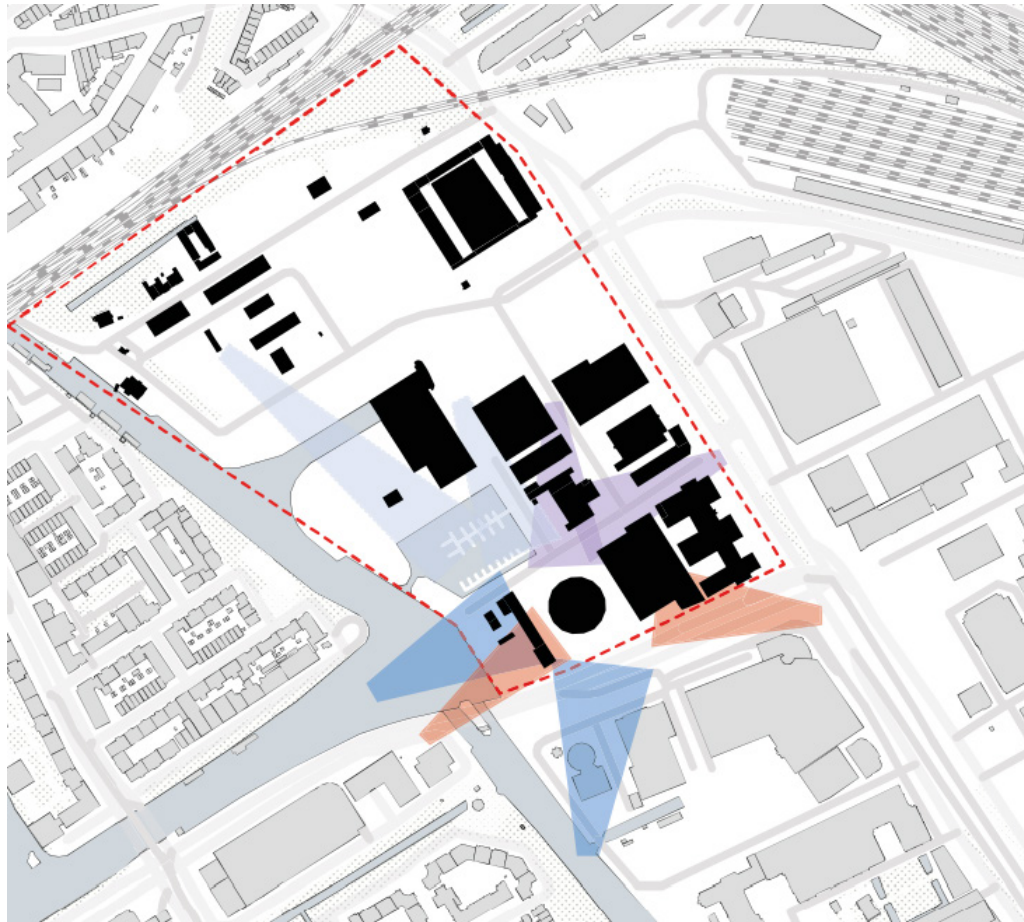


S100

waterfrontpark



WHERE: GASFABRIEKTERREIN



Blue: View on spot from waterside
Red: View on spot from roadside
Purple: View on spot from bicycle road
Light Blue: View on spot from park - pedestrian road



Blue: Connection through water (boat)
Red: Connection S100 highway and bike road (car – bike)

WHERE: GASFABRIEKTERREIN

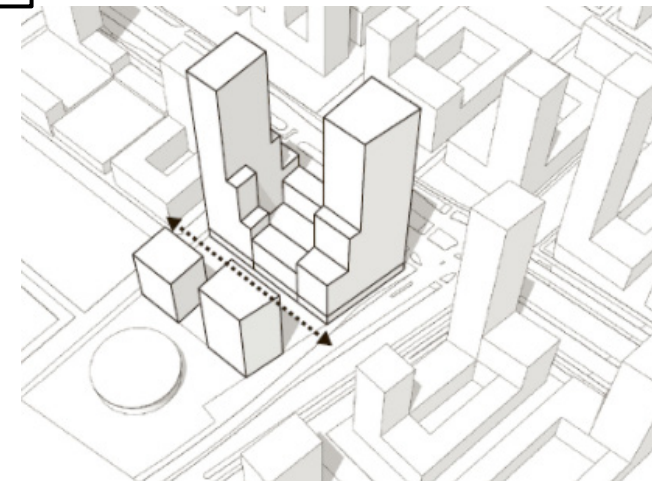
FUTURE

No coherence in form

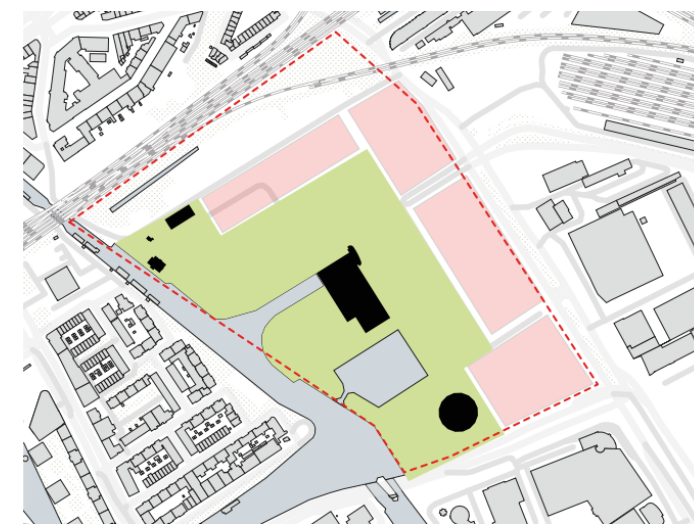
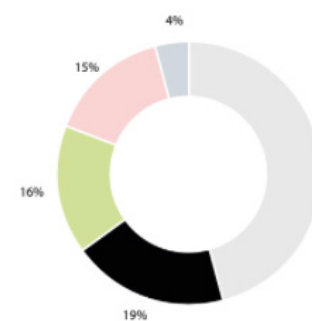
Block-shaped new buildings

No coherence in form

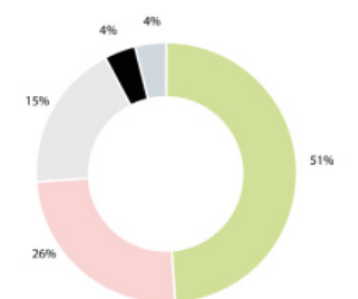
Silo



CURRENT



FUTURE





USERS OF THE BUILDING

THE BENEFITS OF THIS CONCEPT

CONCEPT EXPLANATION

SILENCE



HARMONY

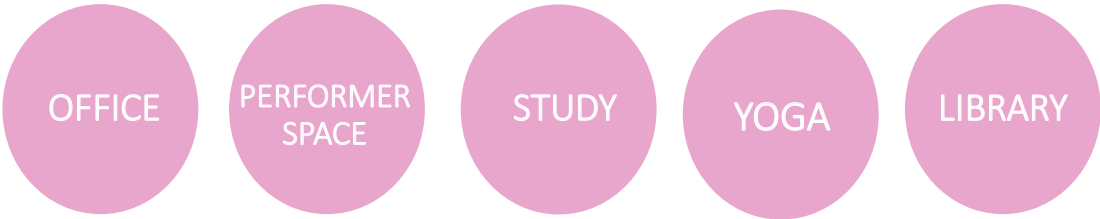


VIBRANT



DIVIDING OF FUNCTIONS

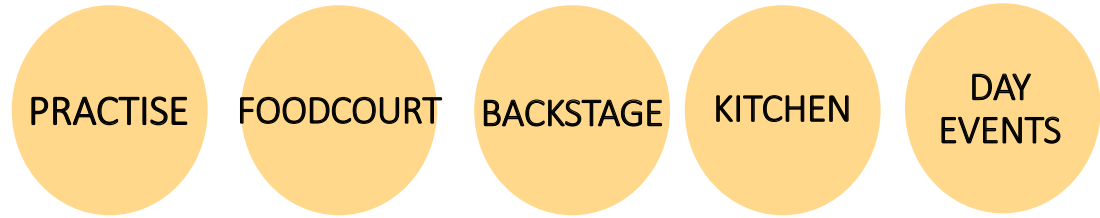
SILENCE



HARMONY



VIBRANT

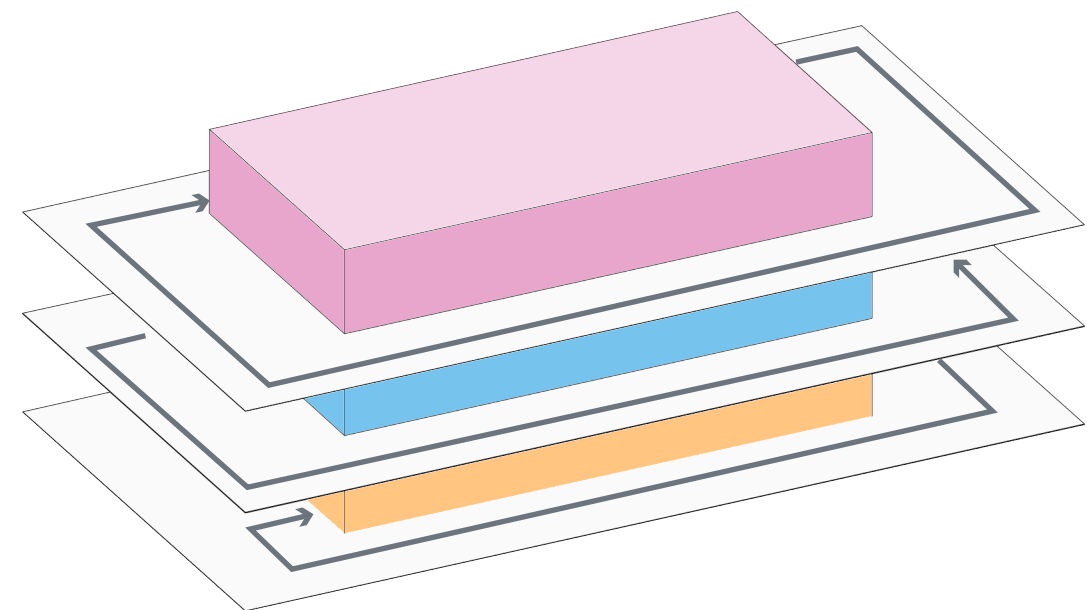


DIVIDING OF FUNCTIONS

SILENCE

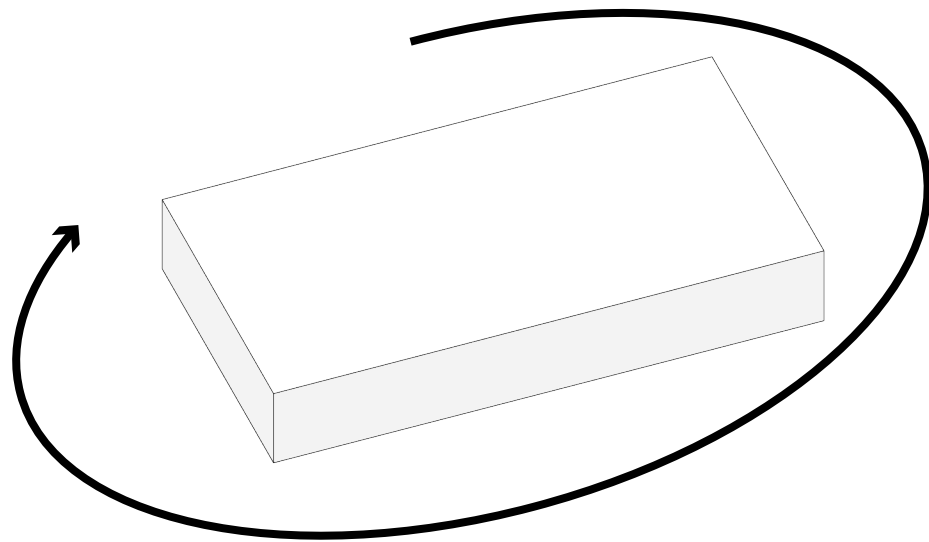
HARMONY

VIBRANT

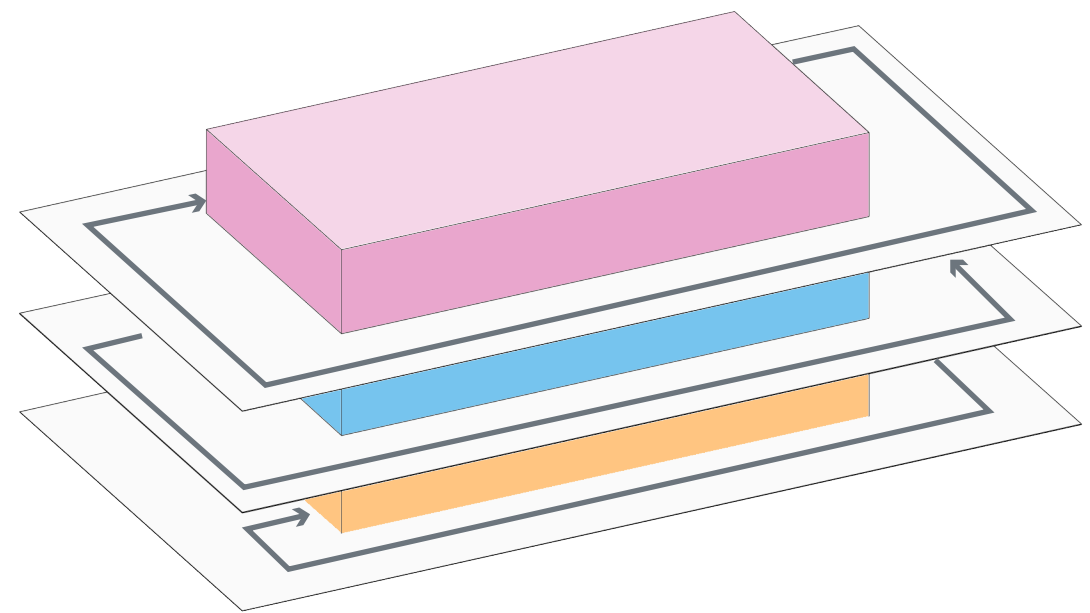


STACKING THE CLUSTERS TO ACCOMPLISH INDEPENDENT LAYERS

CIRCULATION AROUND CLUSTERS

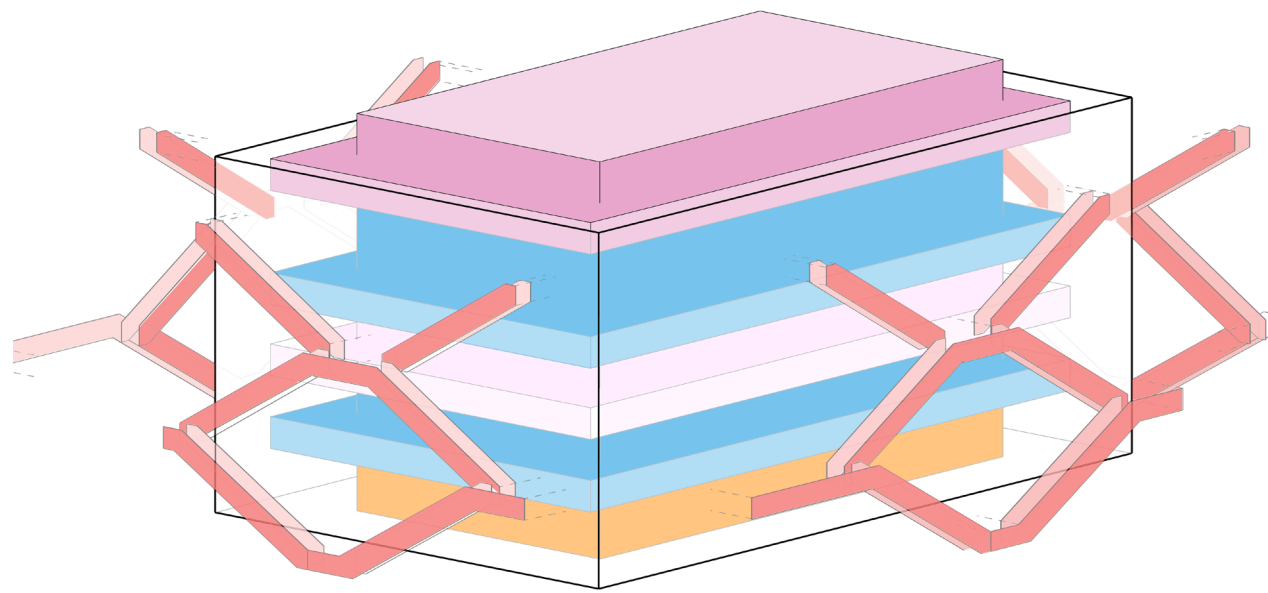


CIRCULATION IN HORIZONTAL DIRECTION

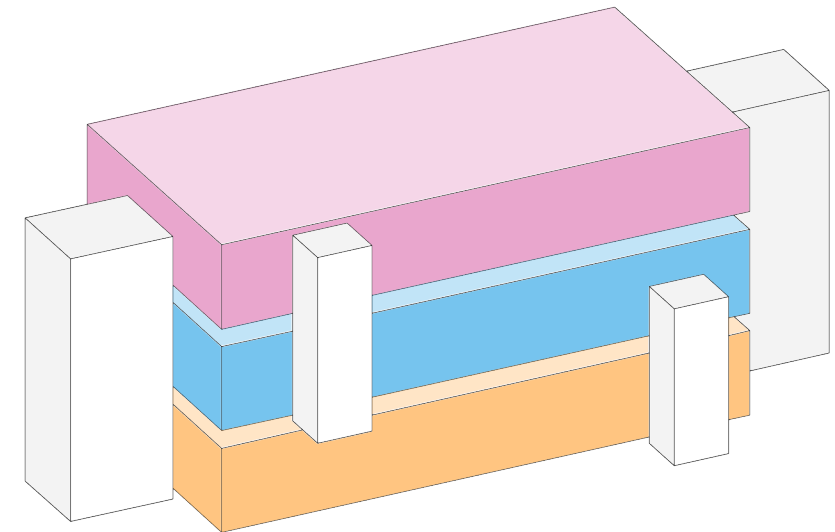


CIRCULATION IN VERTICAL DIRECTION

CIRCULATION AROUND CLUSTERS

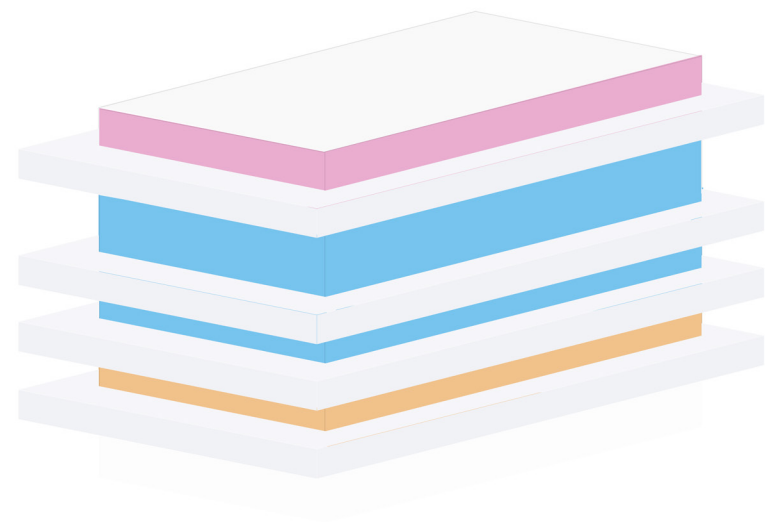
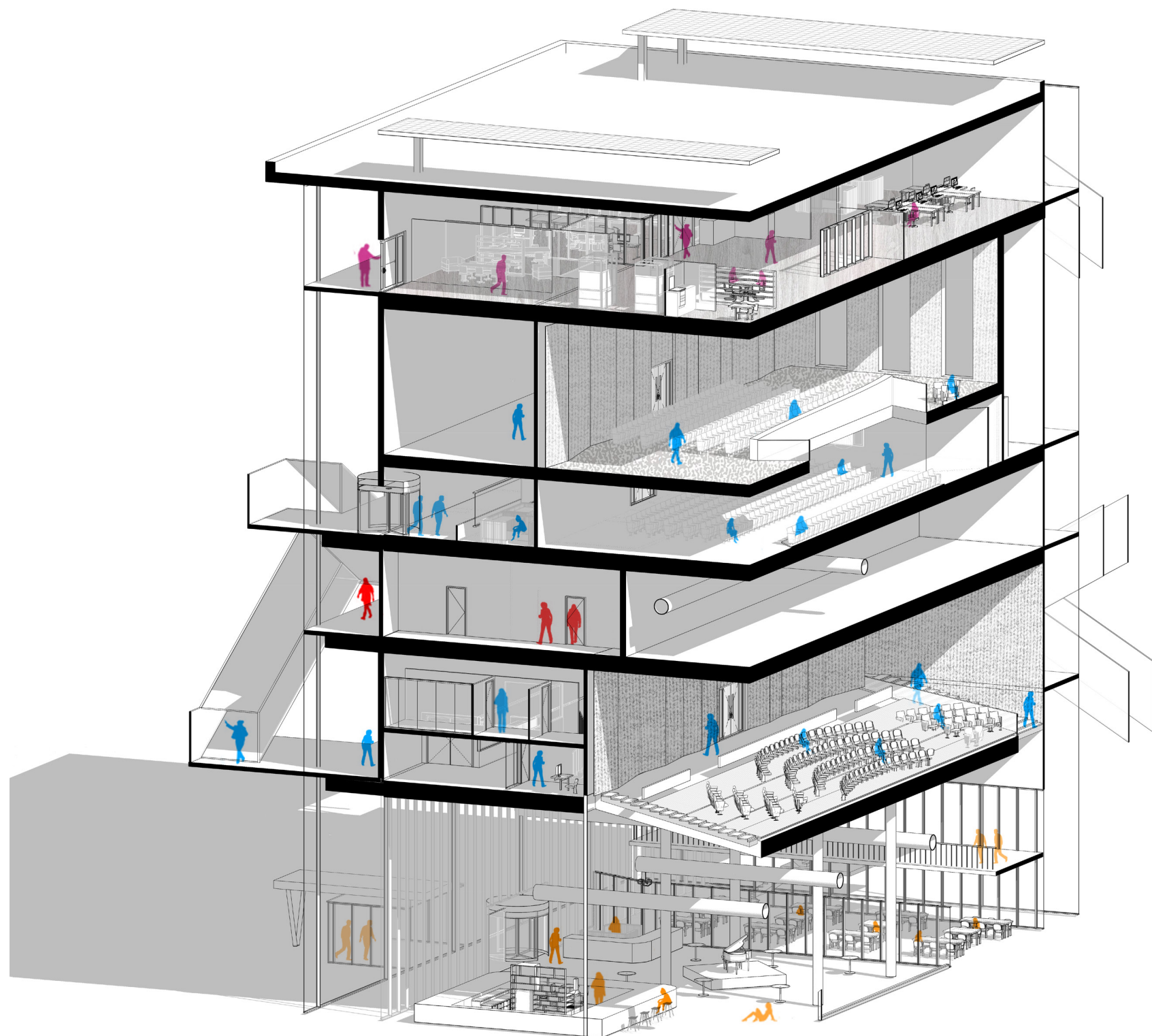


CIRCULATION IN VERTICAL DIRECTION
LONG DISTANCE



CIRCULATION IN VERTICAL DIRECTION
SHORT DISTANCE

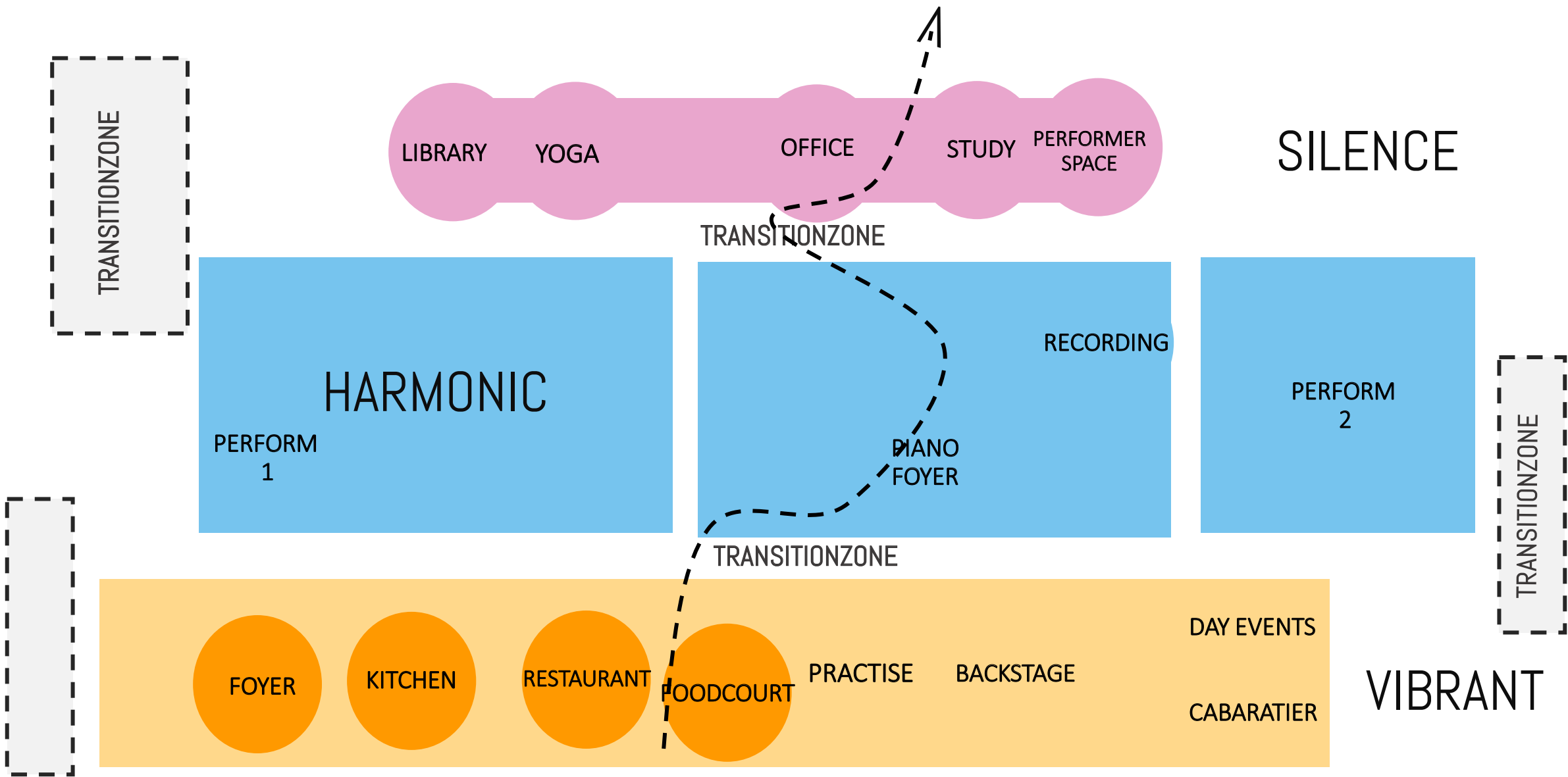
EXPERIENCE IN AXONOMETRY



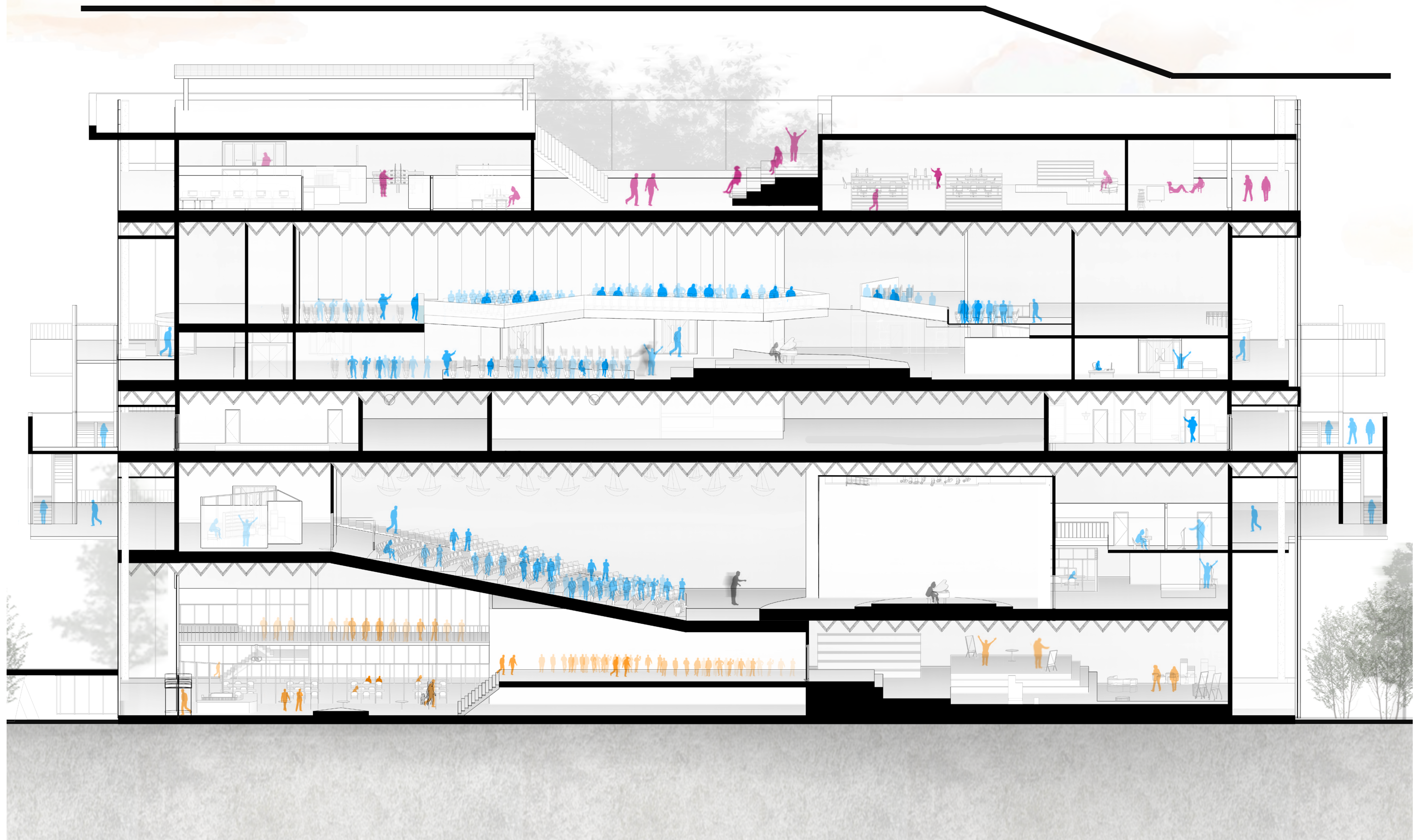
OUTCOME

TRANSLATION CONCEPT INTO DESIGN

FROM CONCEPT TO.....



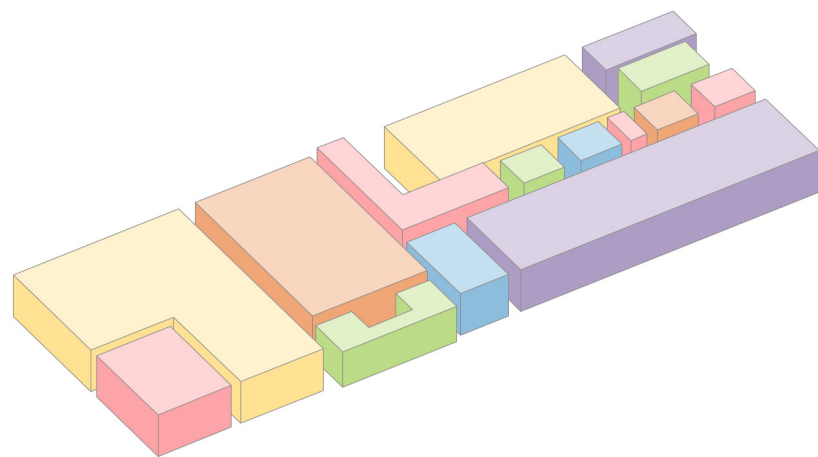
... DESIGN SECTION



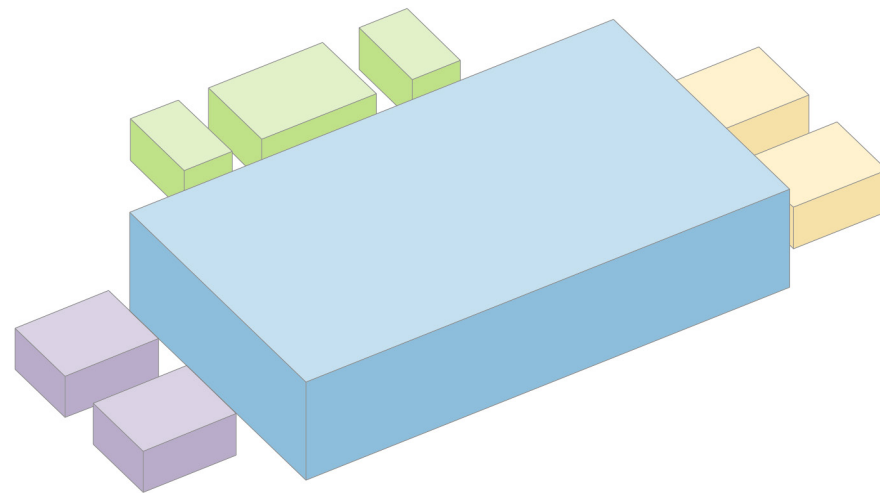
... AND A MODEL



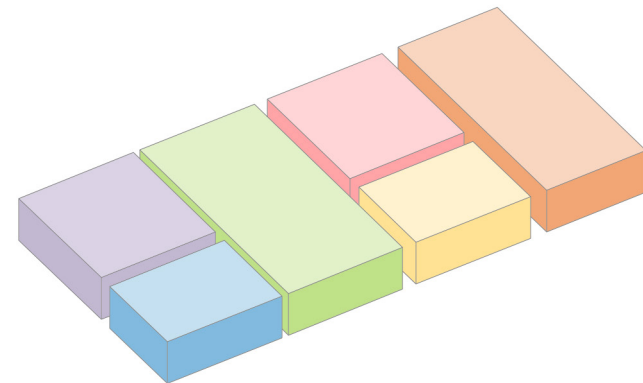
FLOORPLAN DIVISION



CHAOS



MUSIC IS FOCUS

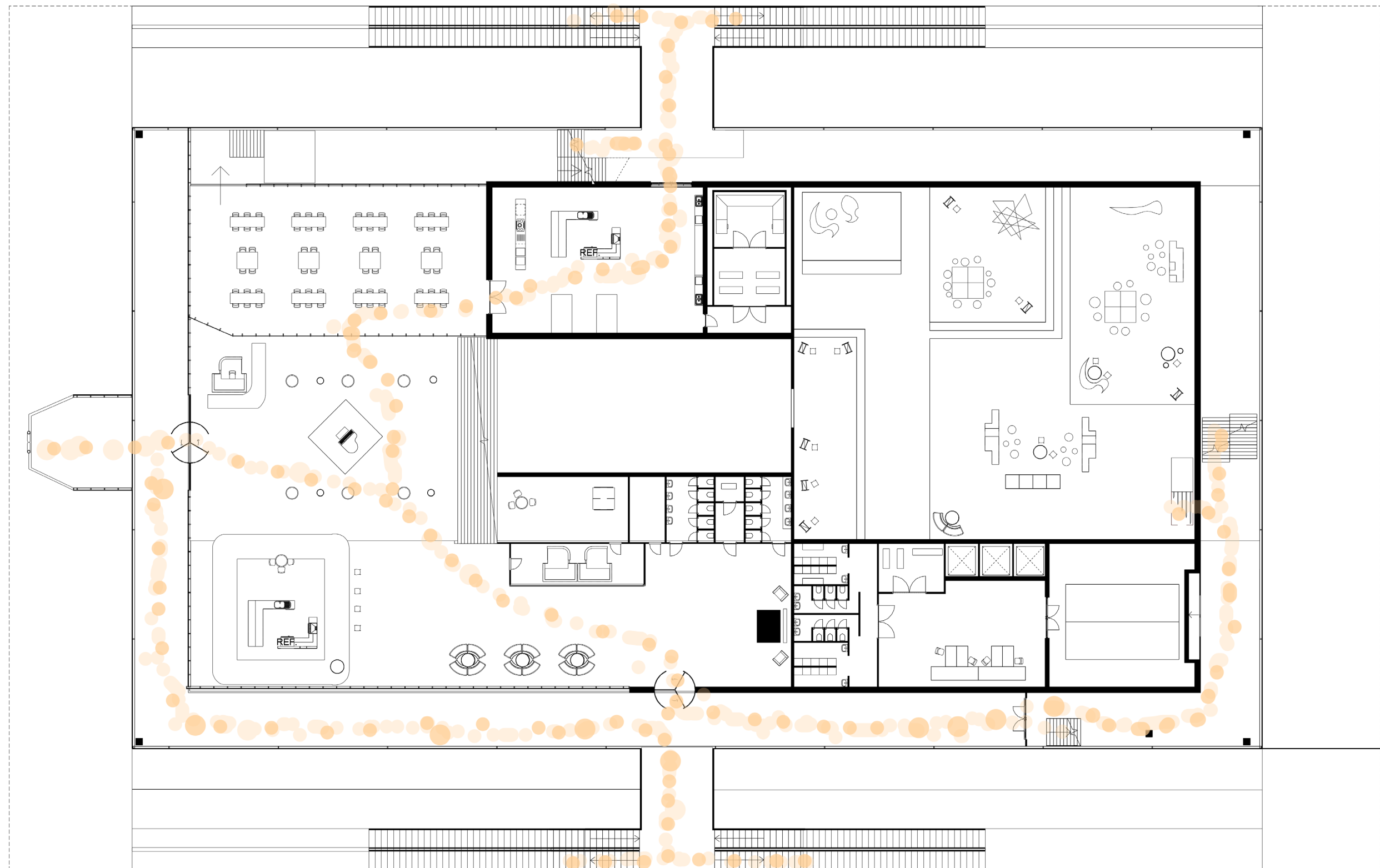


RHYTHMIC

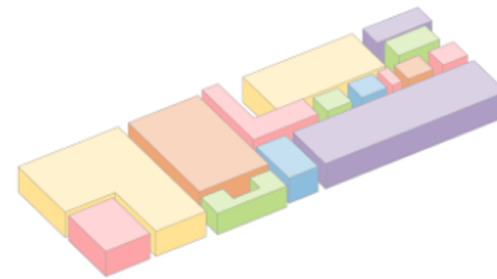
GROUND FLOOR FLOORPLAN [VIBRANT]



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GROUNDFLOOR FLOORPLAN [VIBRANT]



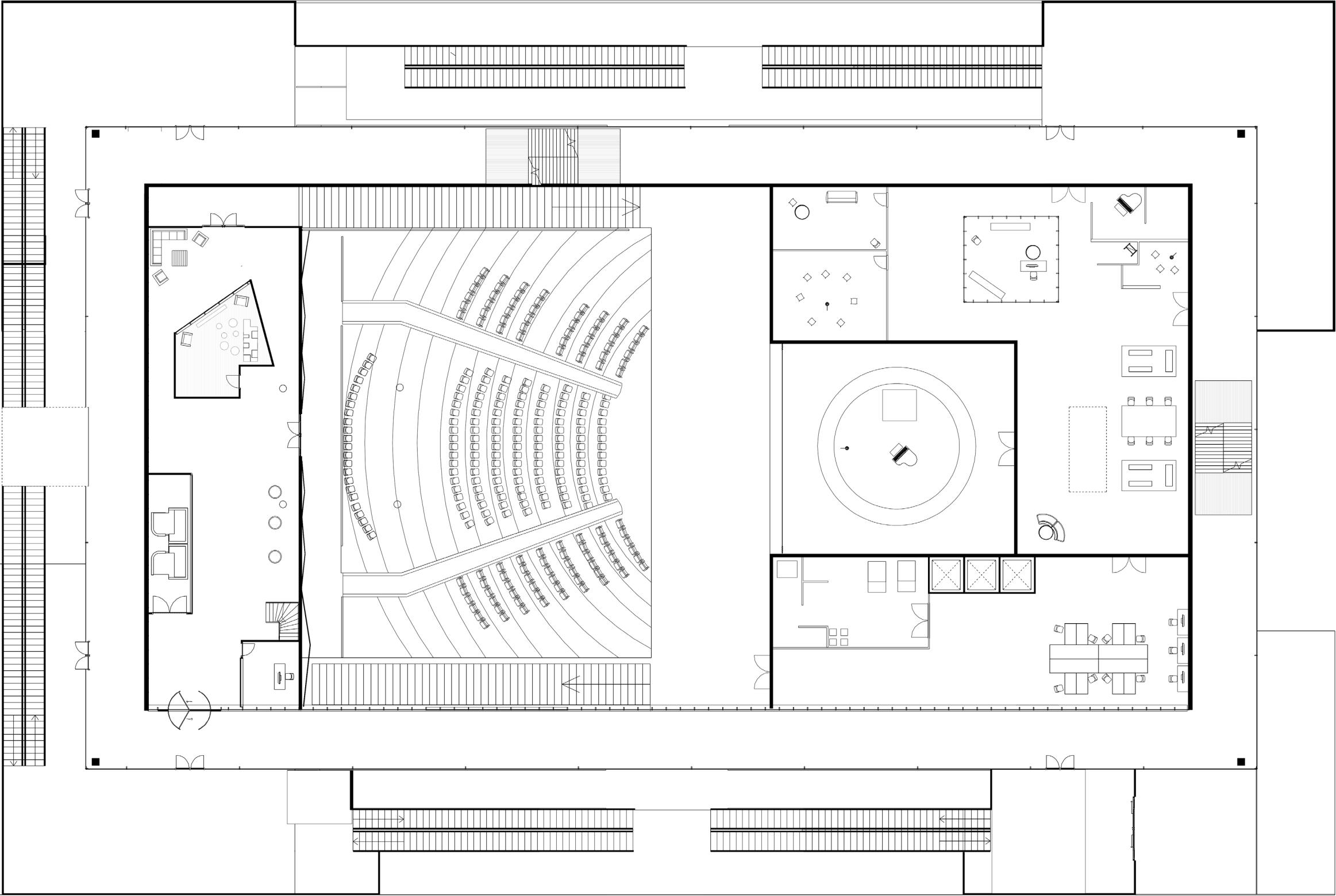
GROUNDFLOOR FLOORPLAN [VIBRANT]



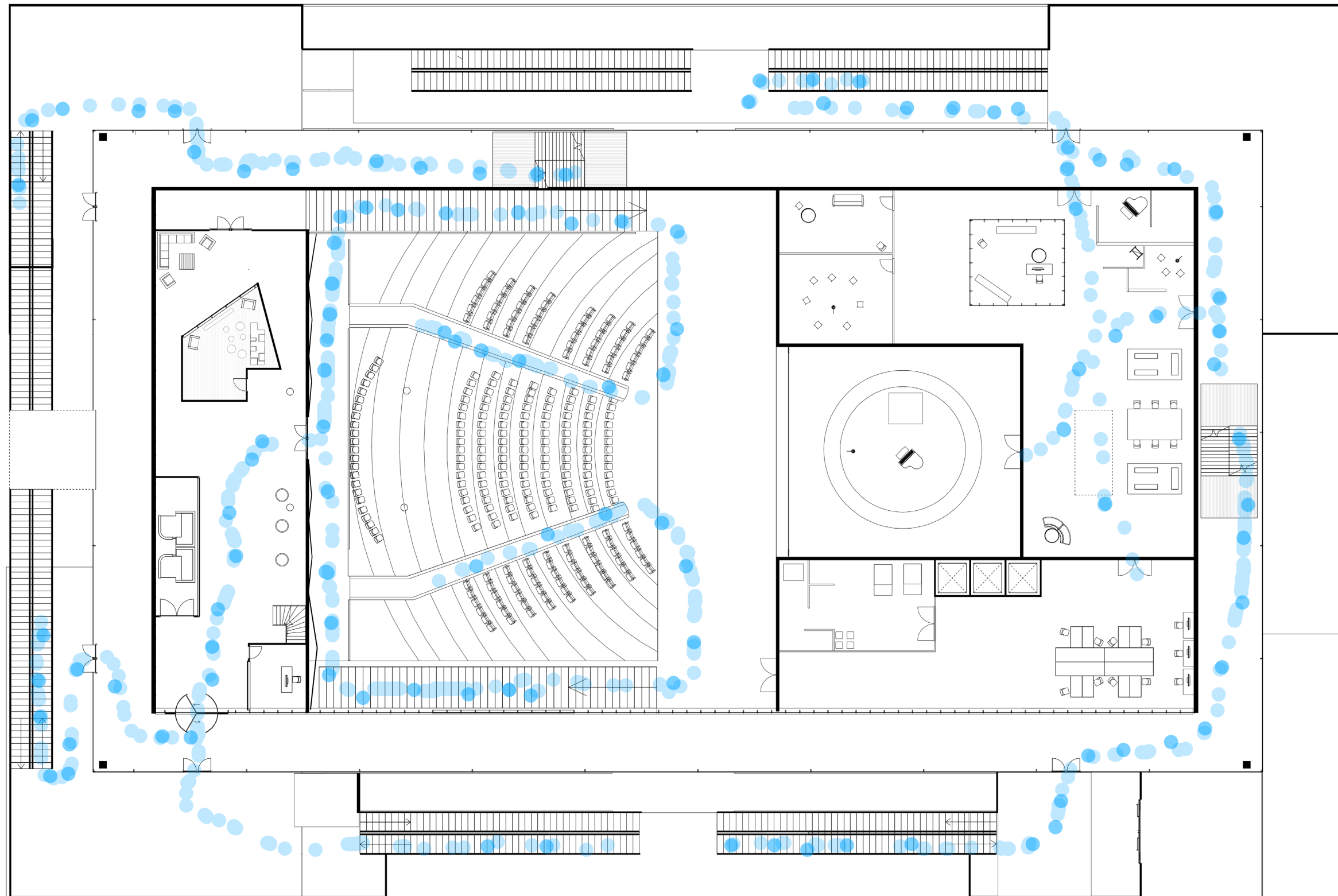


GROUNDFLOOR AXONOMETRY [VIBRANT]

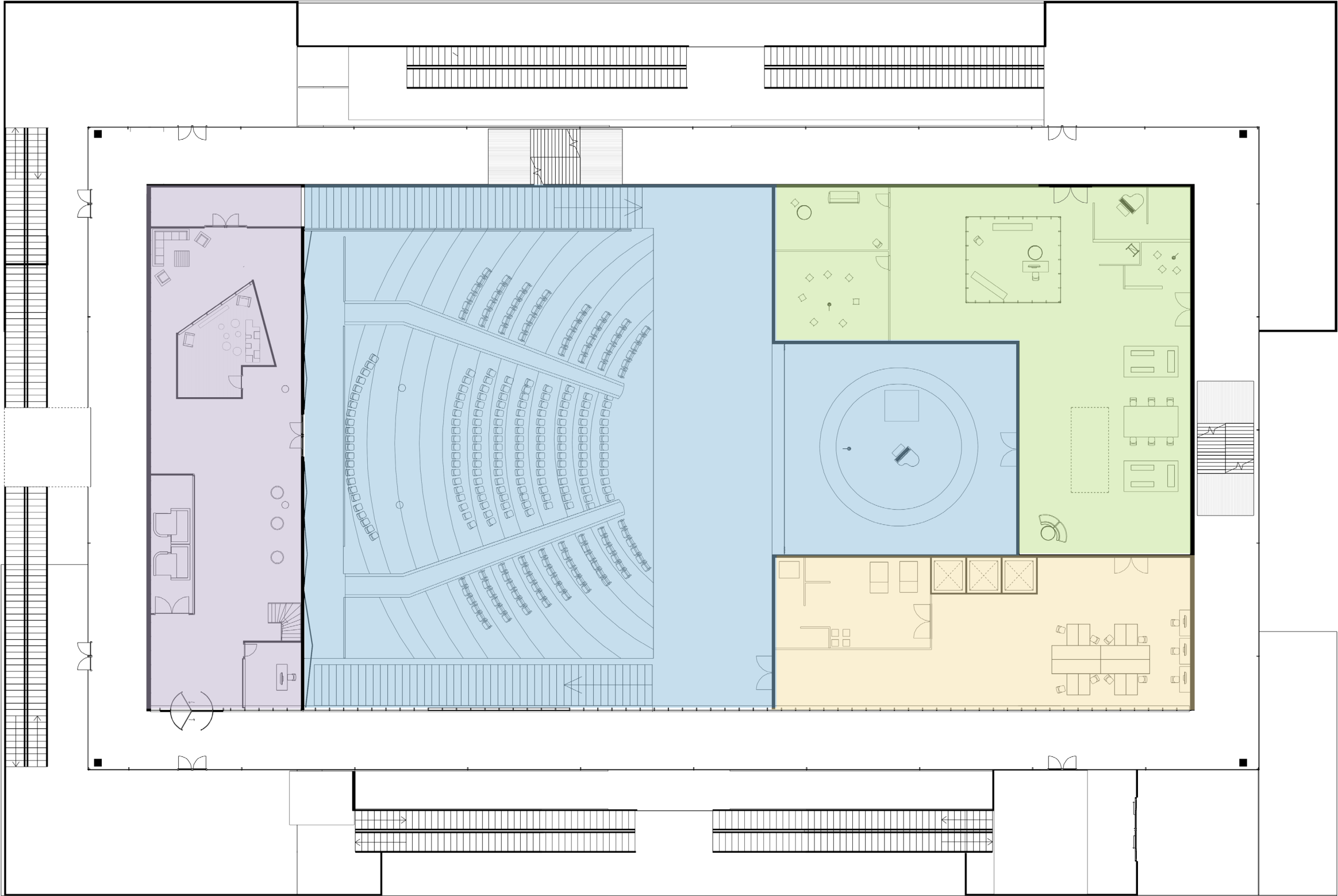
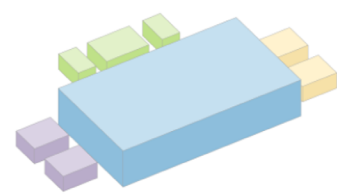
FIRST FLOORPLAN [HARMONIC]

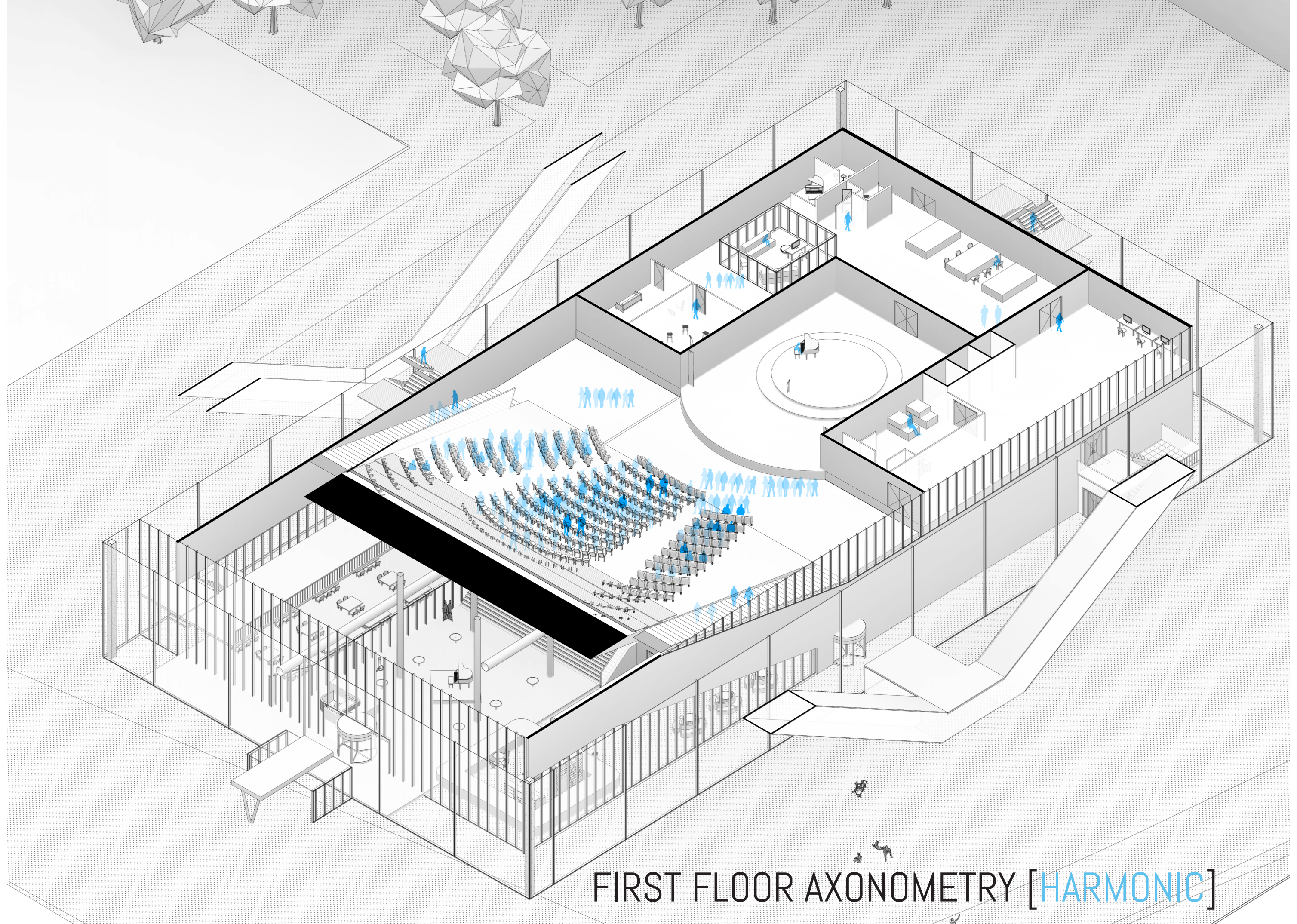


FIRST FLOORPLAN [HARMONIC]



FIRST FLOORPLAN [HARMONIC]





FIRST FLOOR AXONOMETRY [HARMONIC]

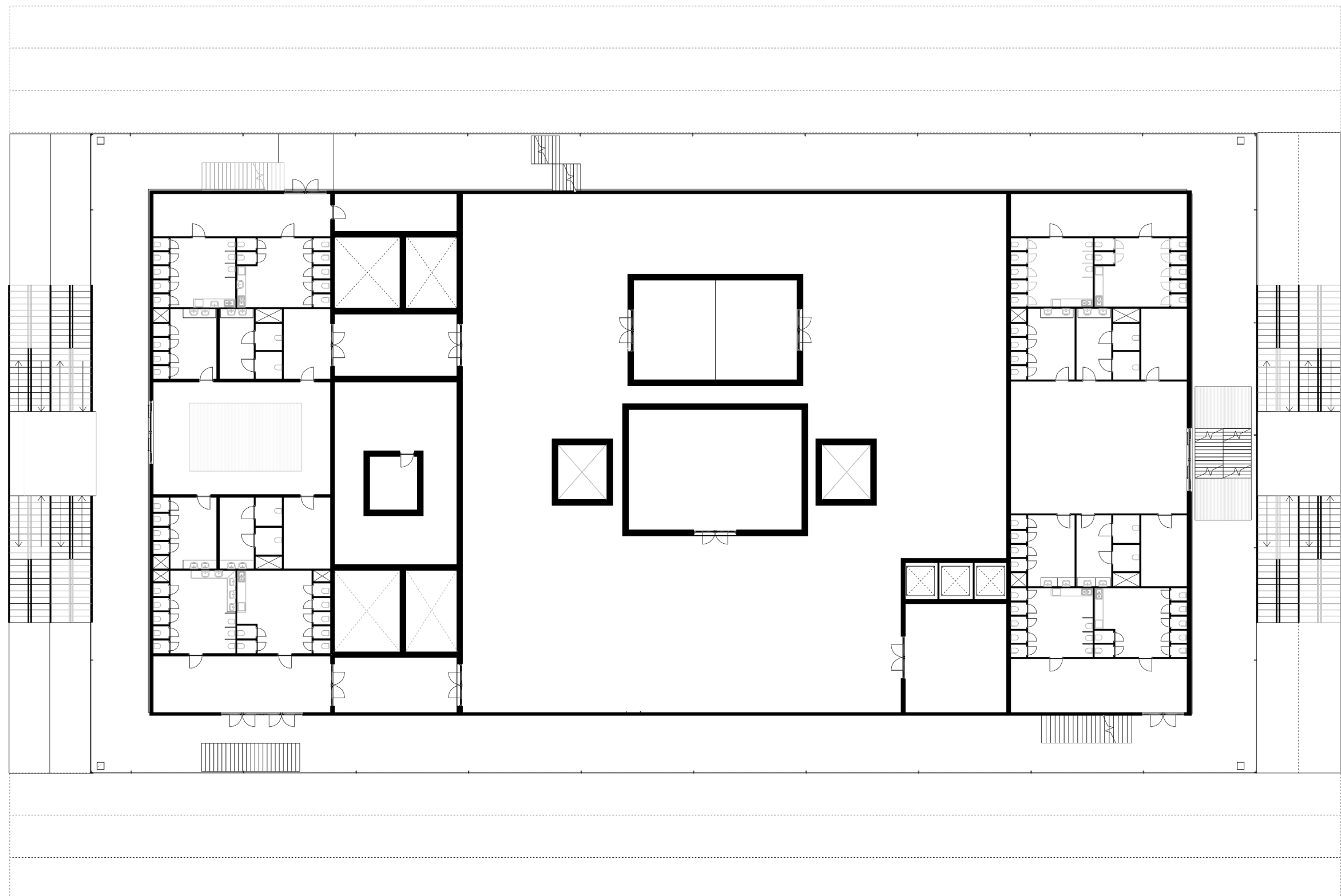
FIRST FLOORPLAN [HARMONIC]

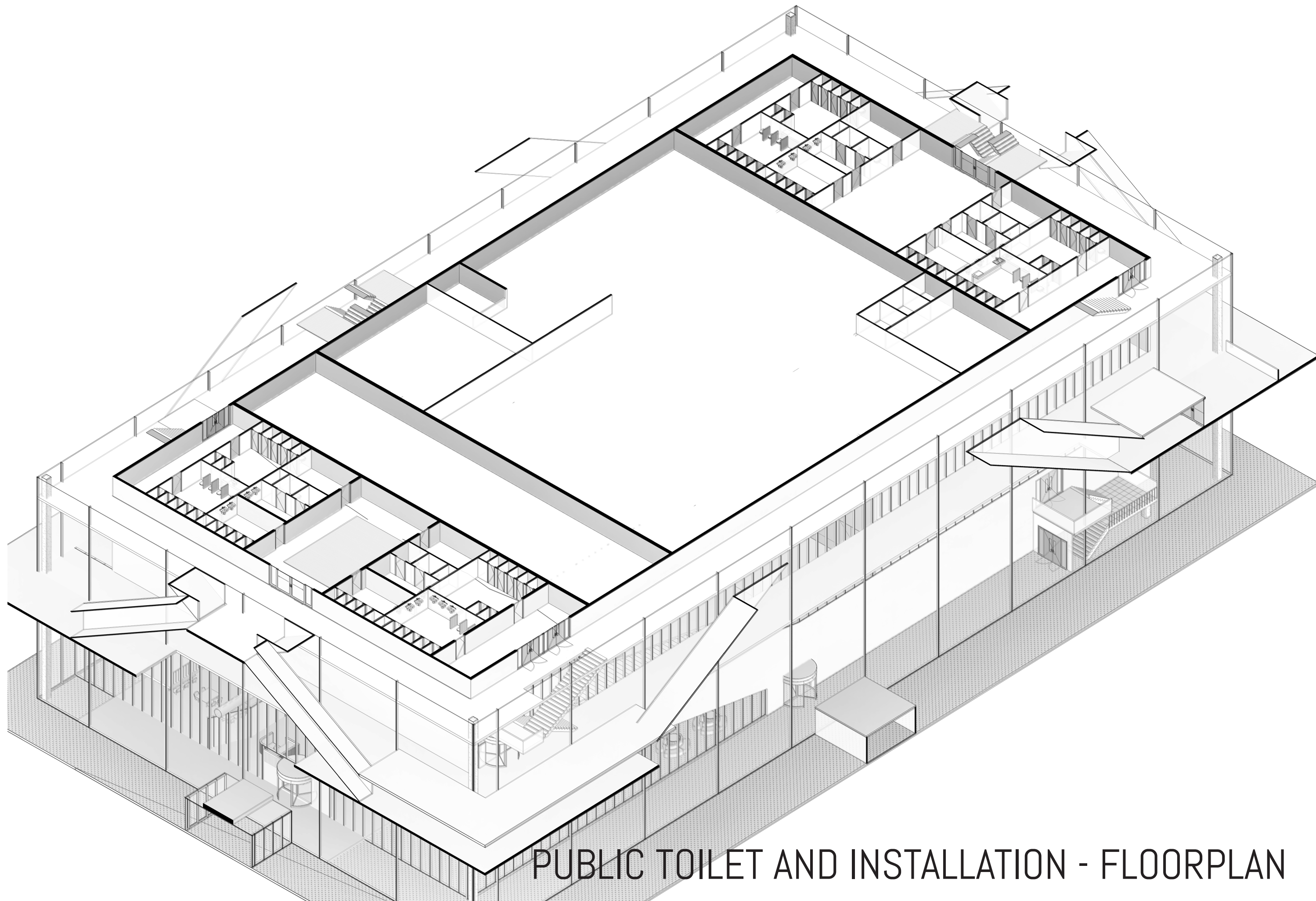


FIRST FLOORPLAN [[HARMONIC](#)]



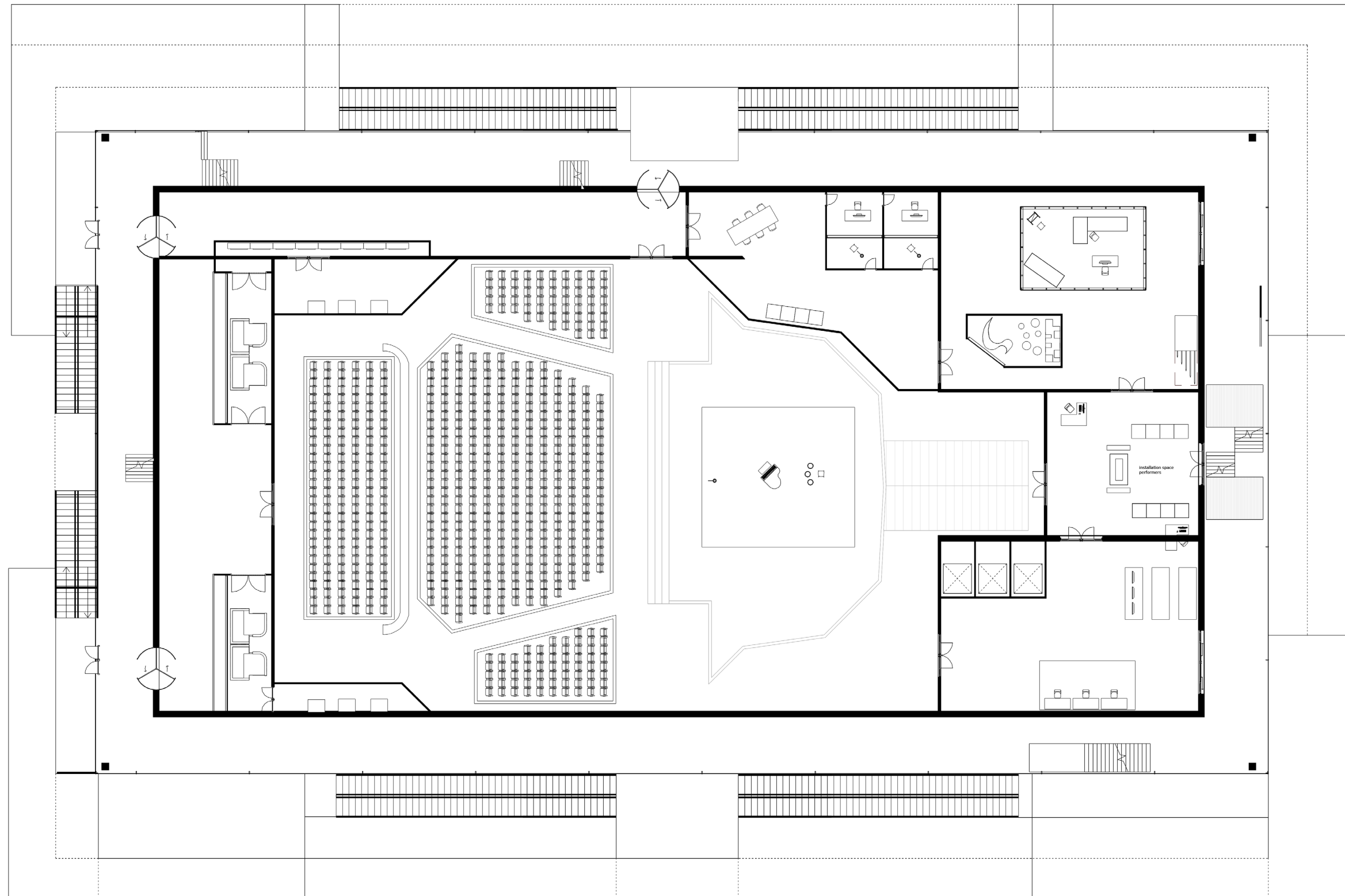
PUBLIC TOILET AND INSTALLATION - FLOORPLAN



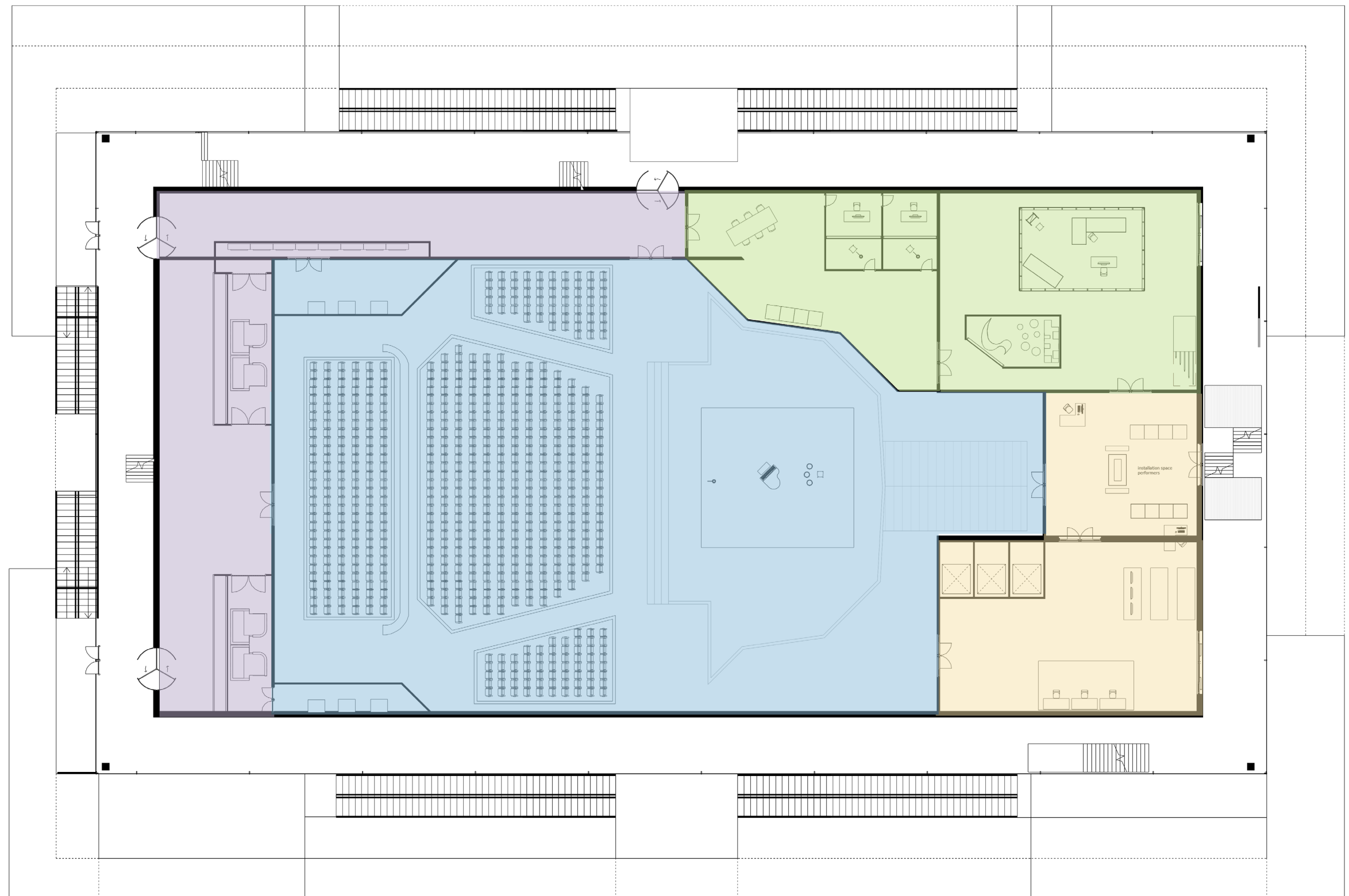
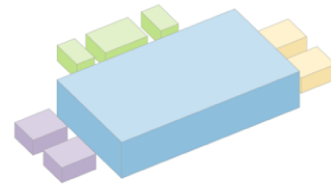


PUBLIC TOILET AND INSTALLATION - FLOORPLAN

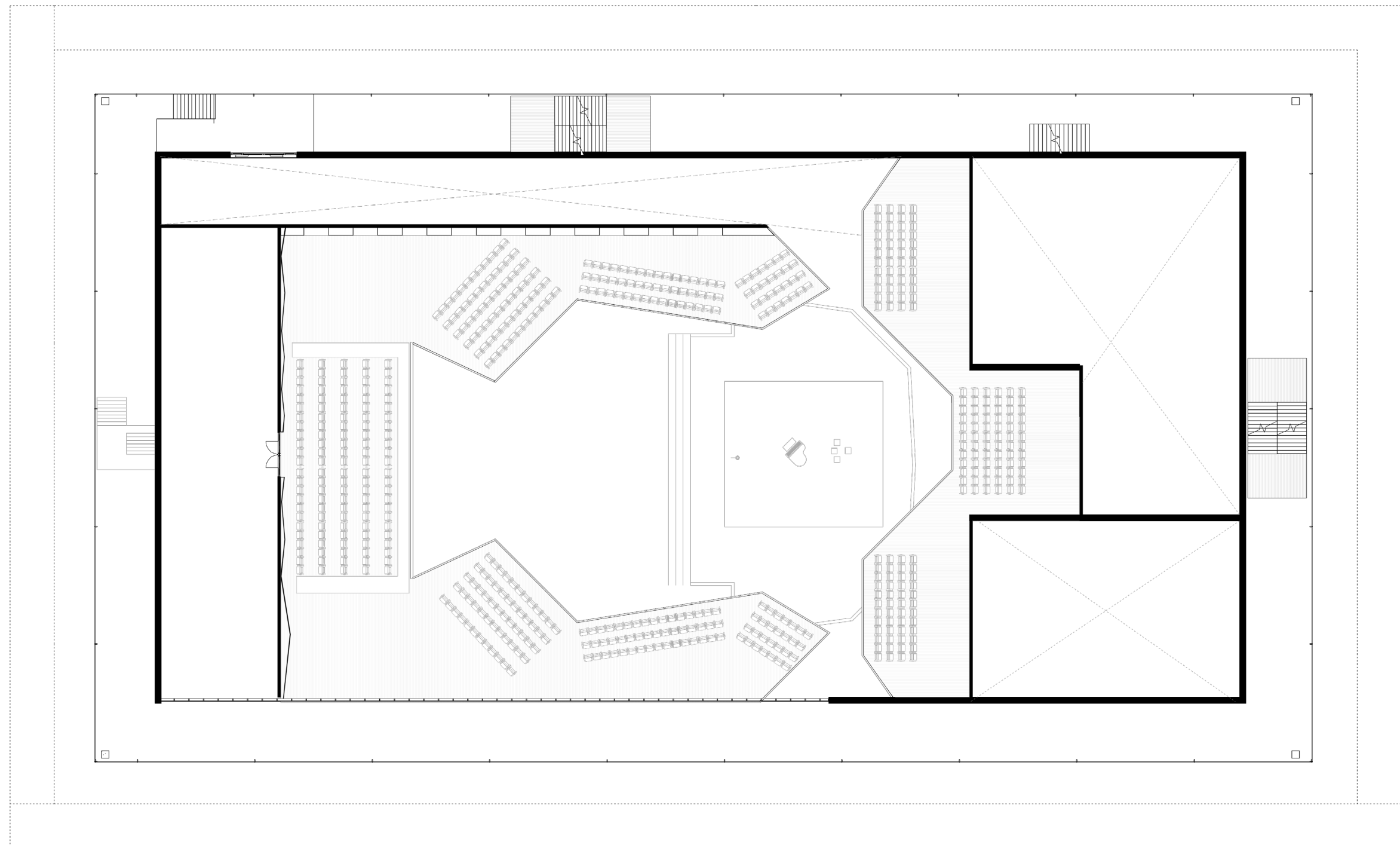
THIRD FLOORPLAN [HARMONIC]



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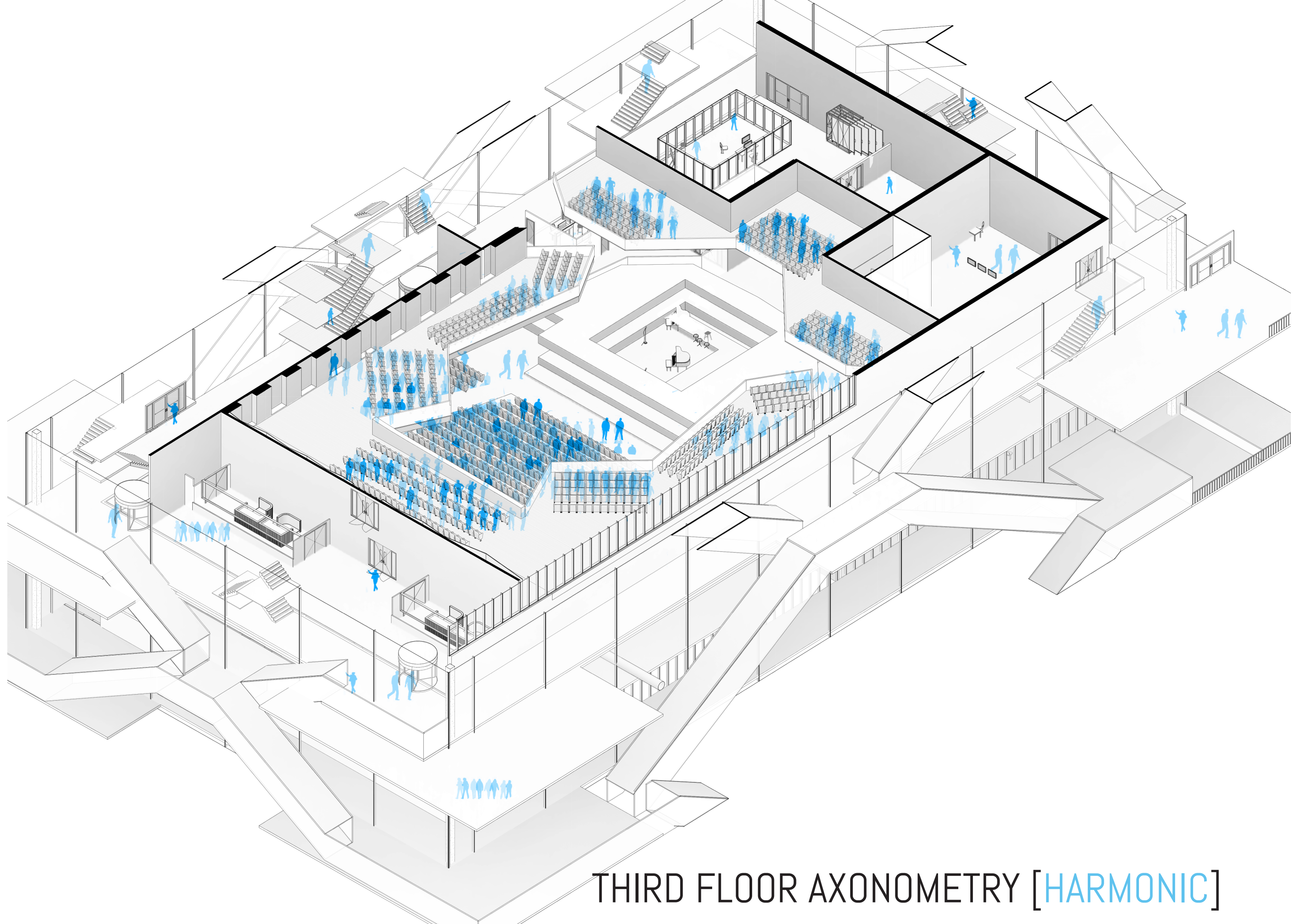


THIRD FLOORPLAN [HARMONIC]



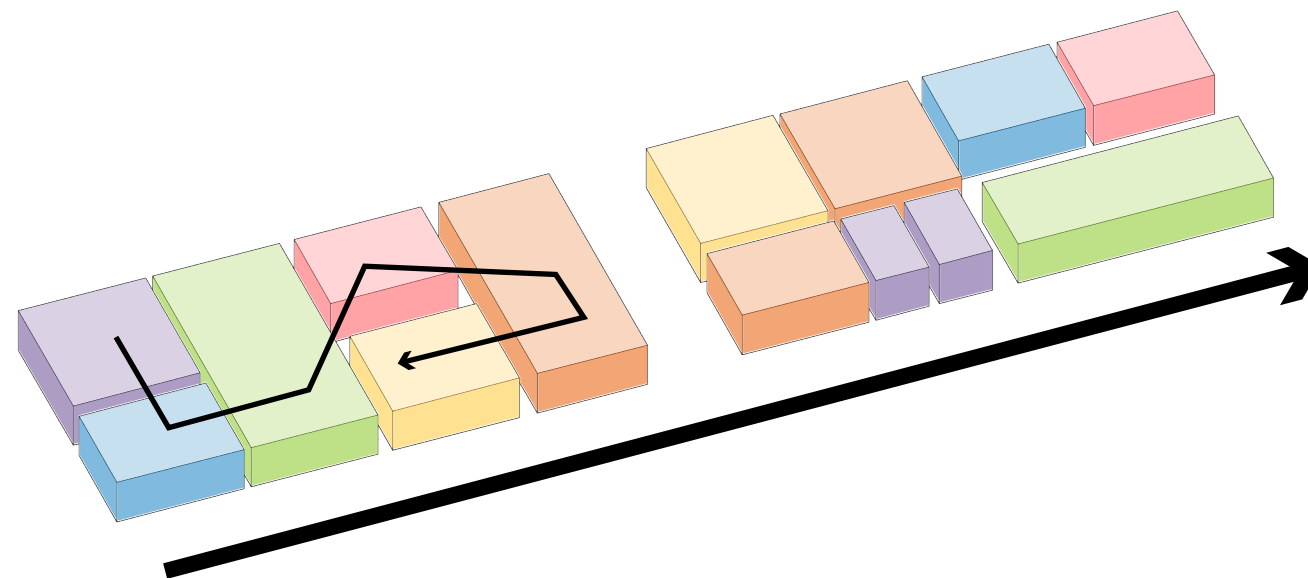
THIRD FLOORPLAN [HARMONIC]





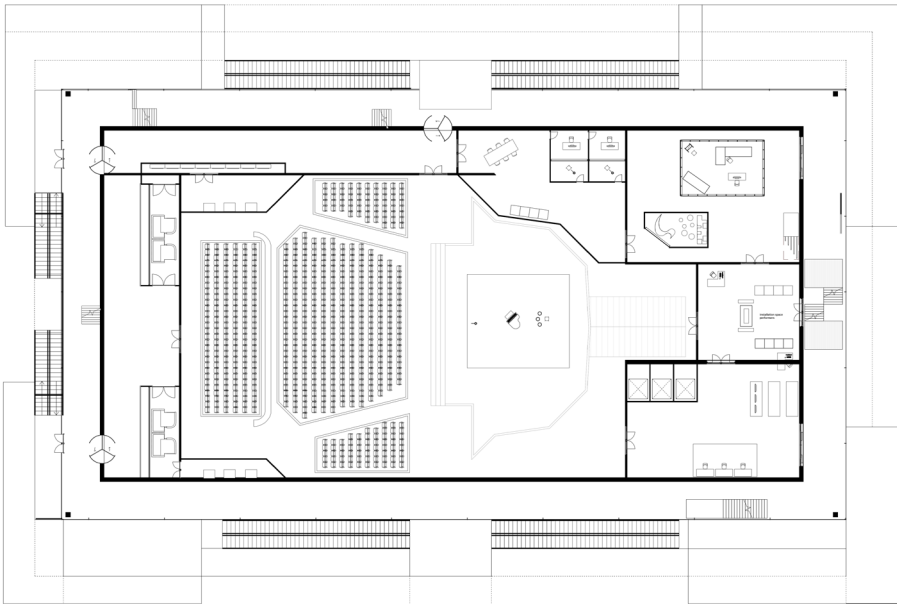
THIRD FLOOR AXONOMETRY [HARMONIC]

ADVANTAGE OF THE CIRCULATION

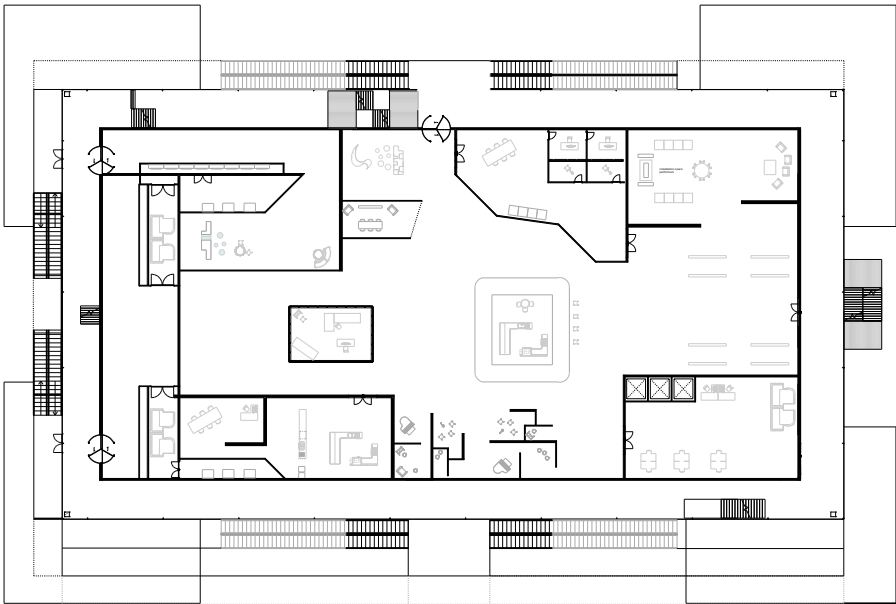


PROTOTYPE FLOORPLAN

2022



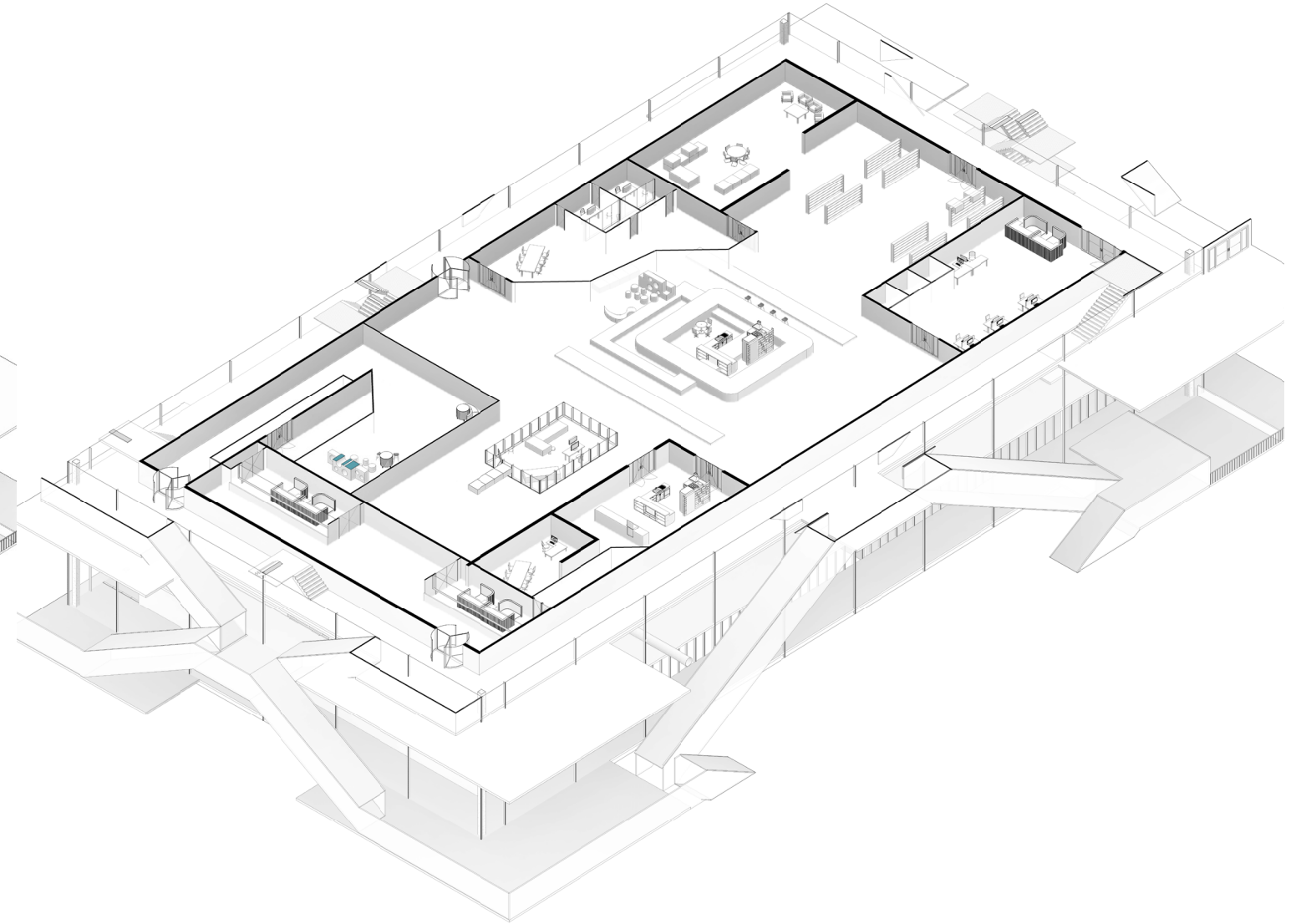
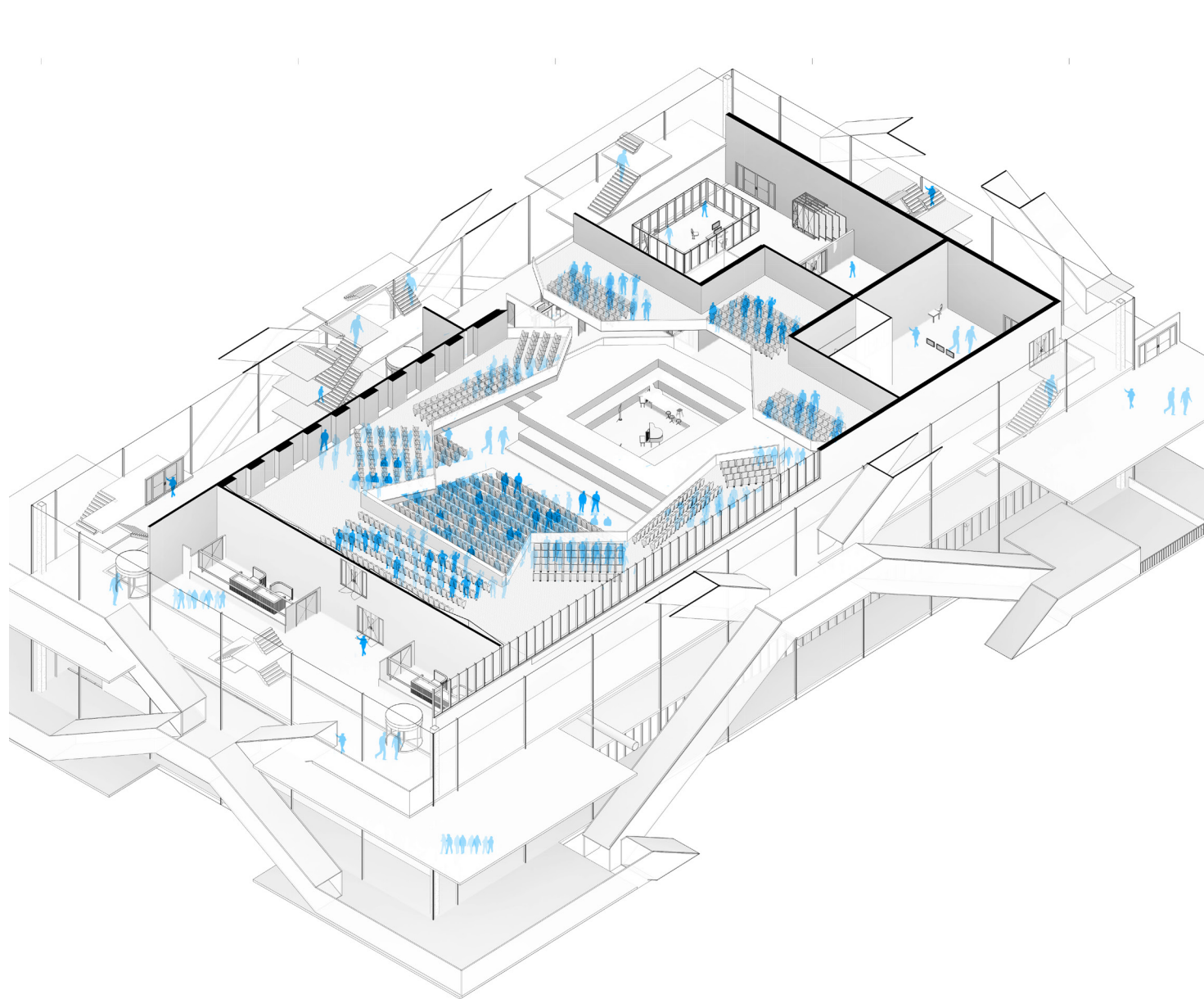
2062



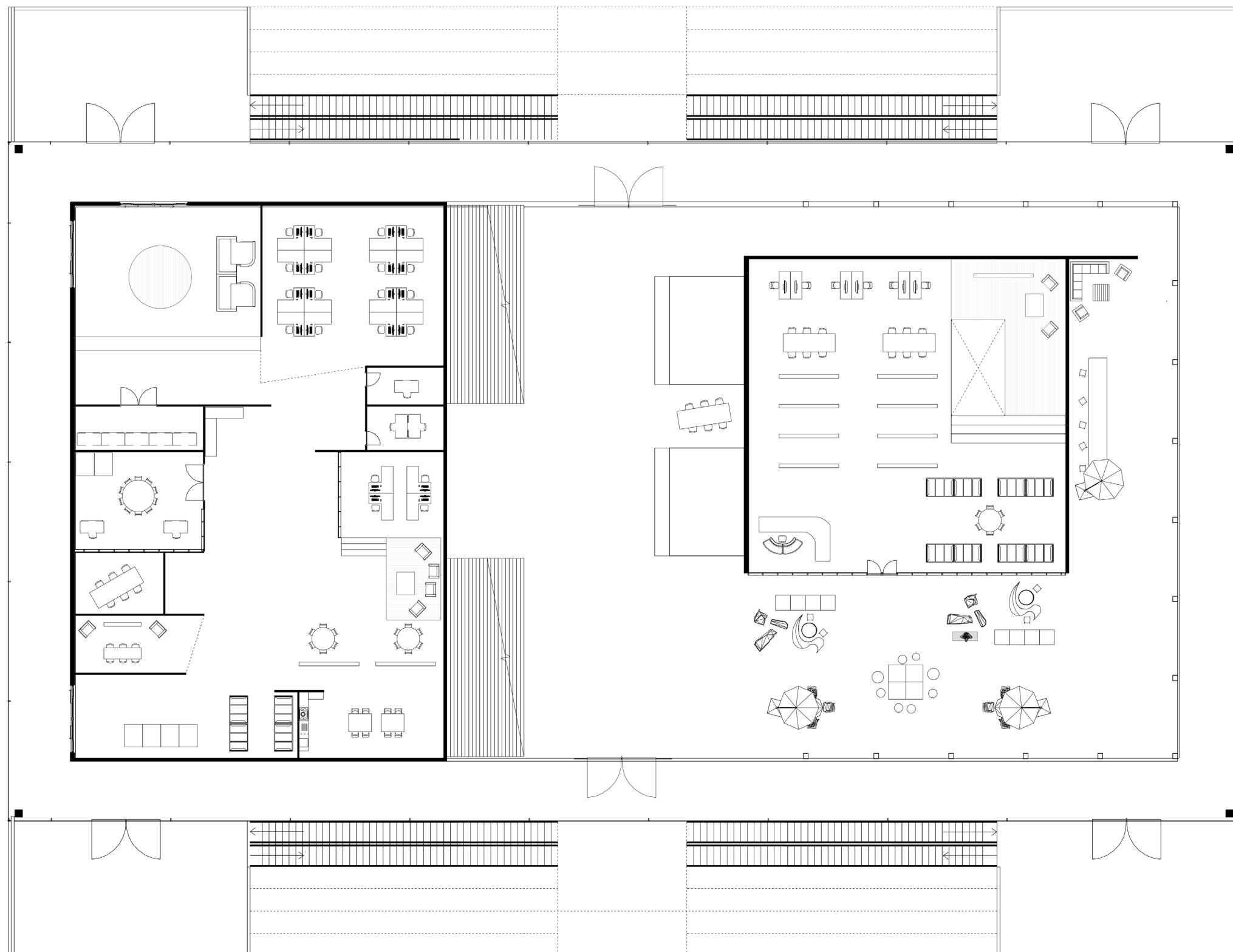
PROTOTYPE AXONOMETRIC

2022

2062



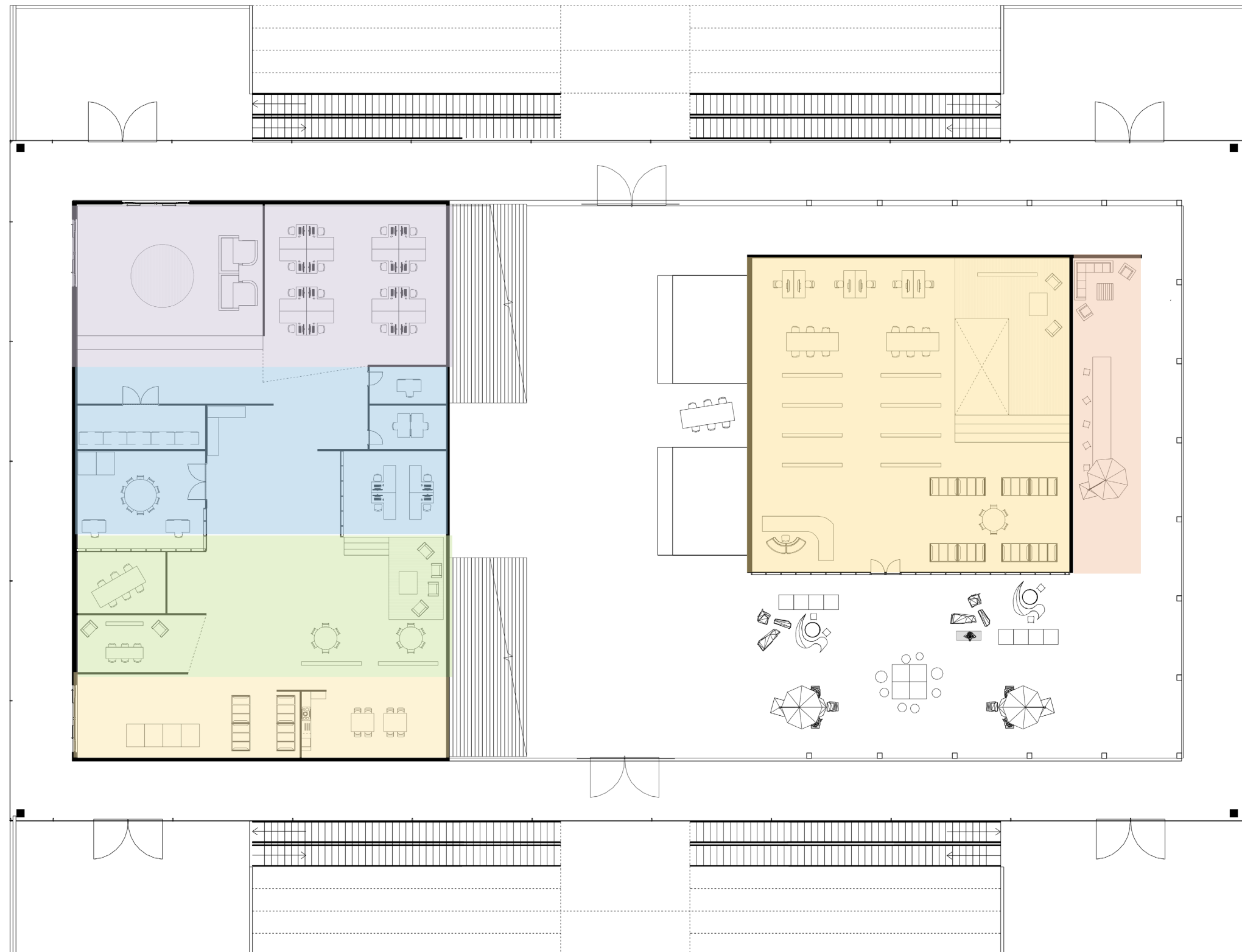
FOURTH FLOORPLAN [SILENCE]



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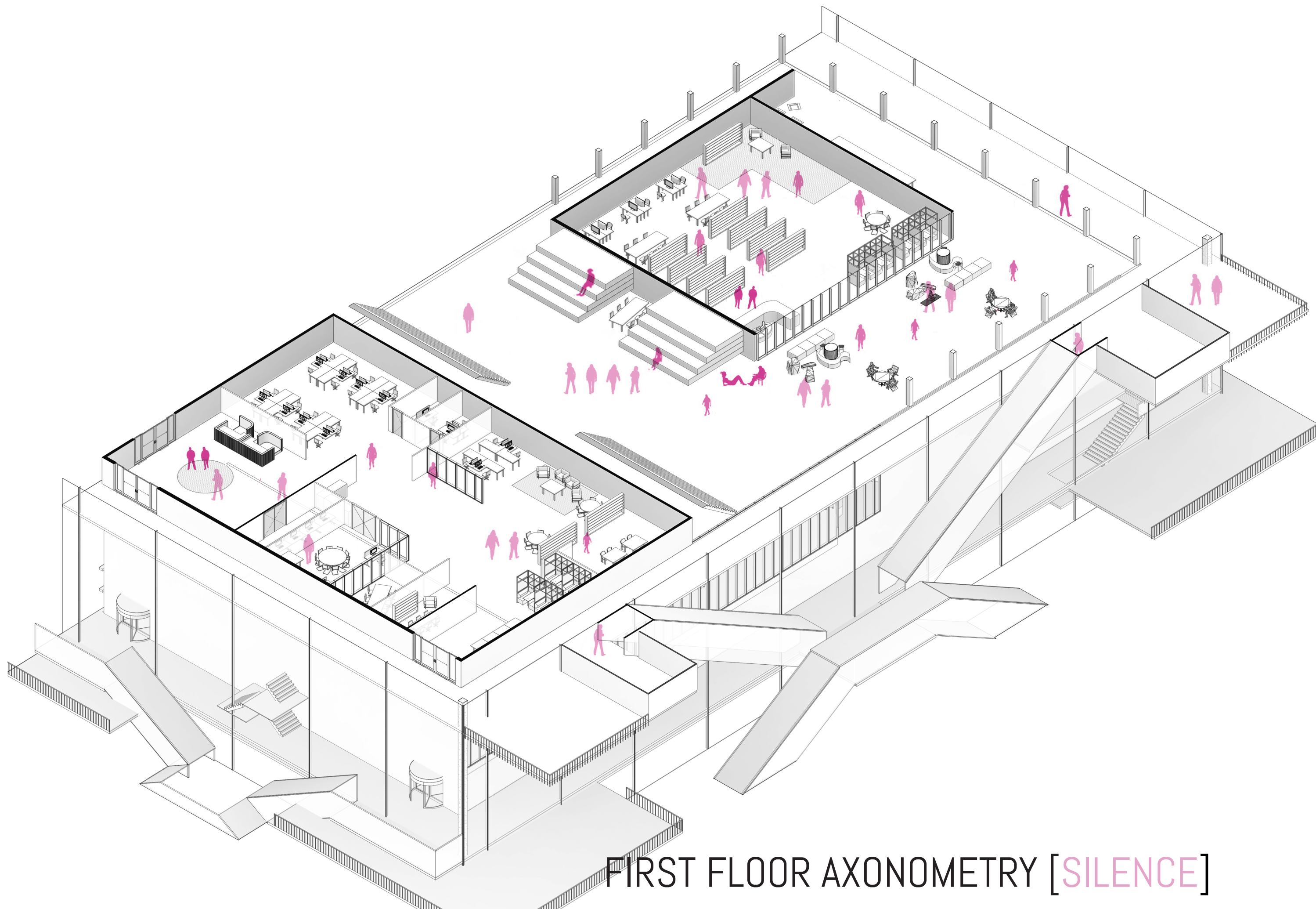


FOURTH FLOORPLAN [SILENCE]



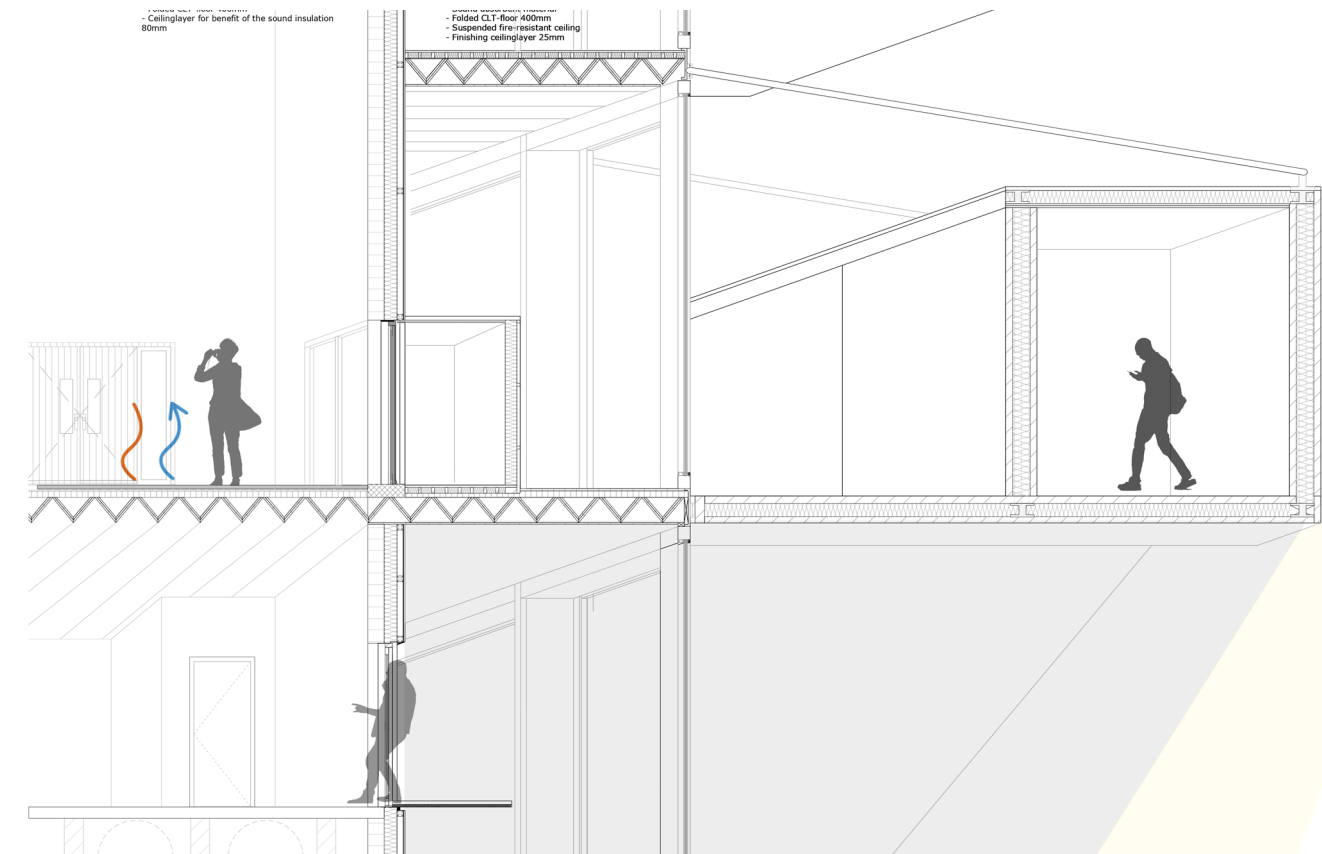
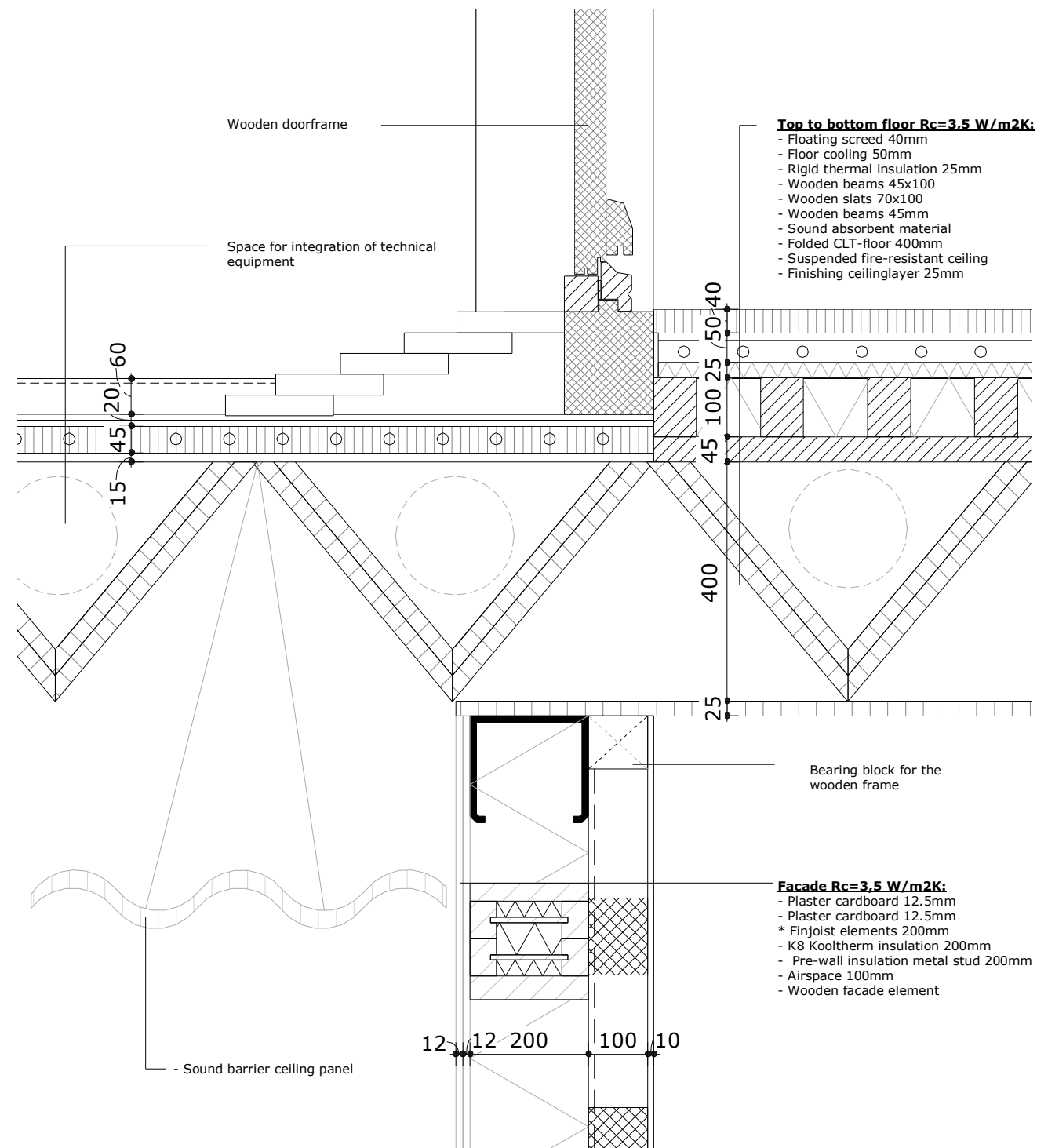
FOURTH FLOORPLAN [SILENCE]





FIRST FLOOR AXONOMETRY [SILENCE]

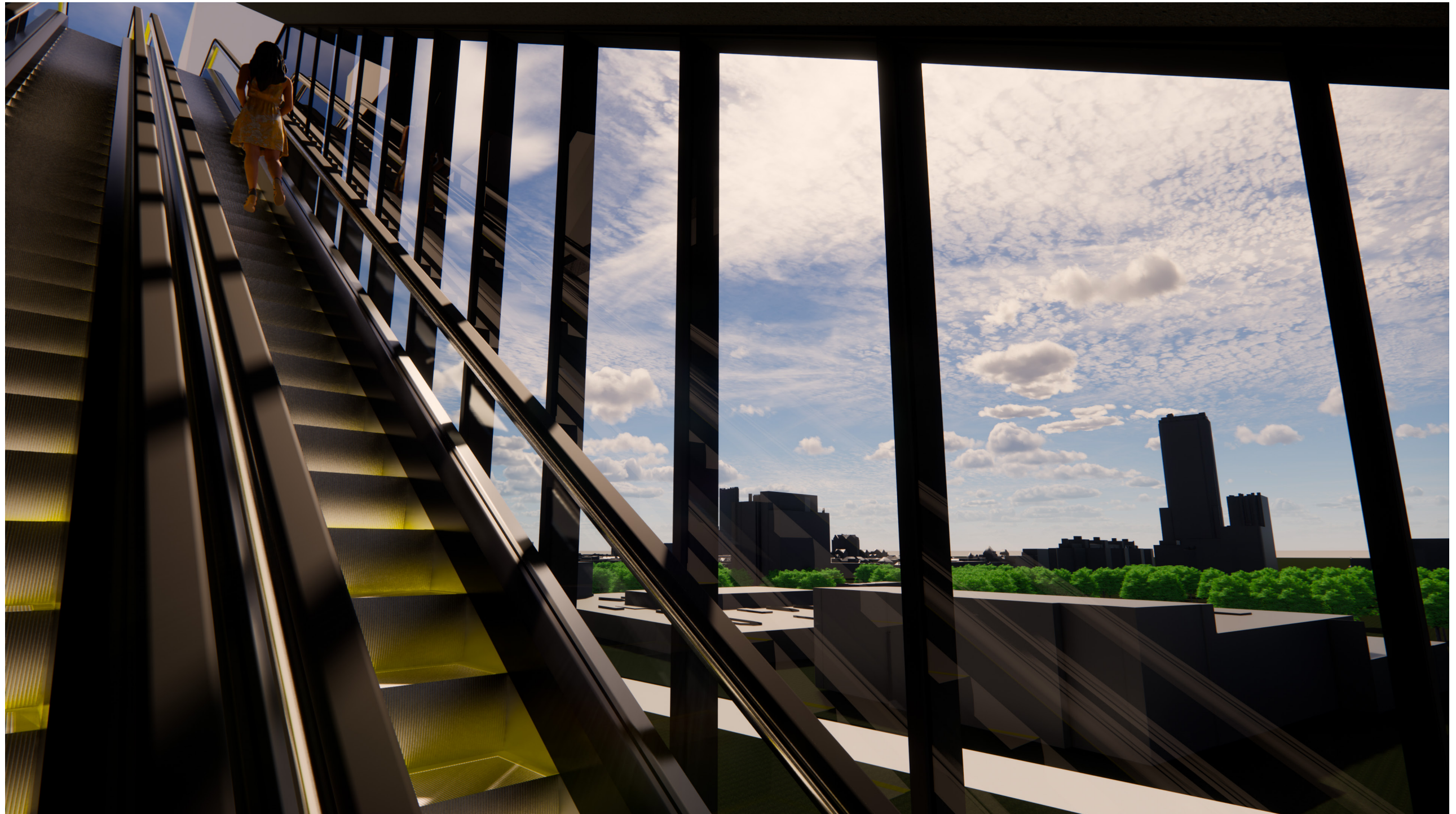
1:5 ASSEMBLING OF DOUBLE FACADE



ESCALATOR EXPERIENCE



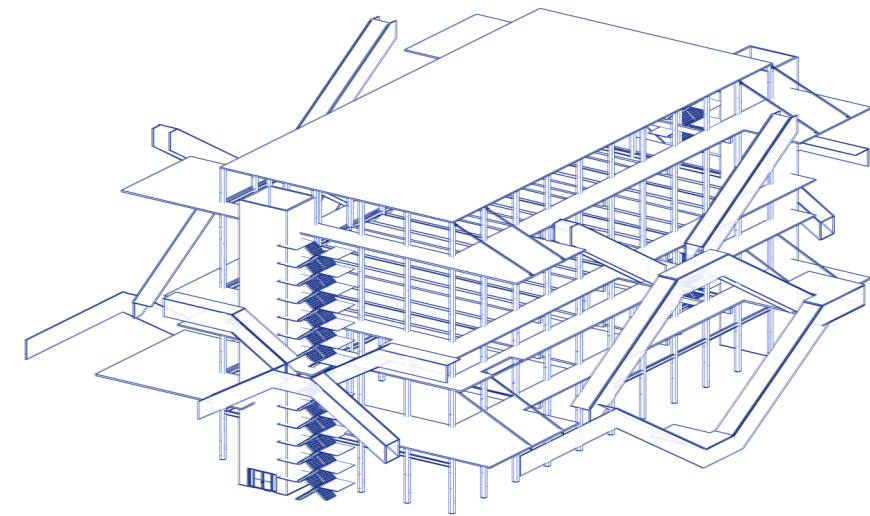
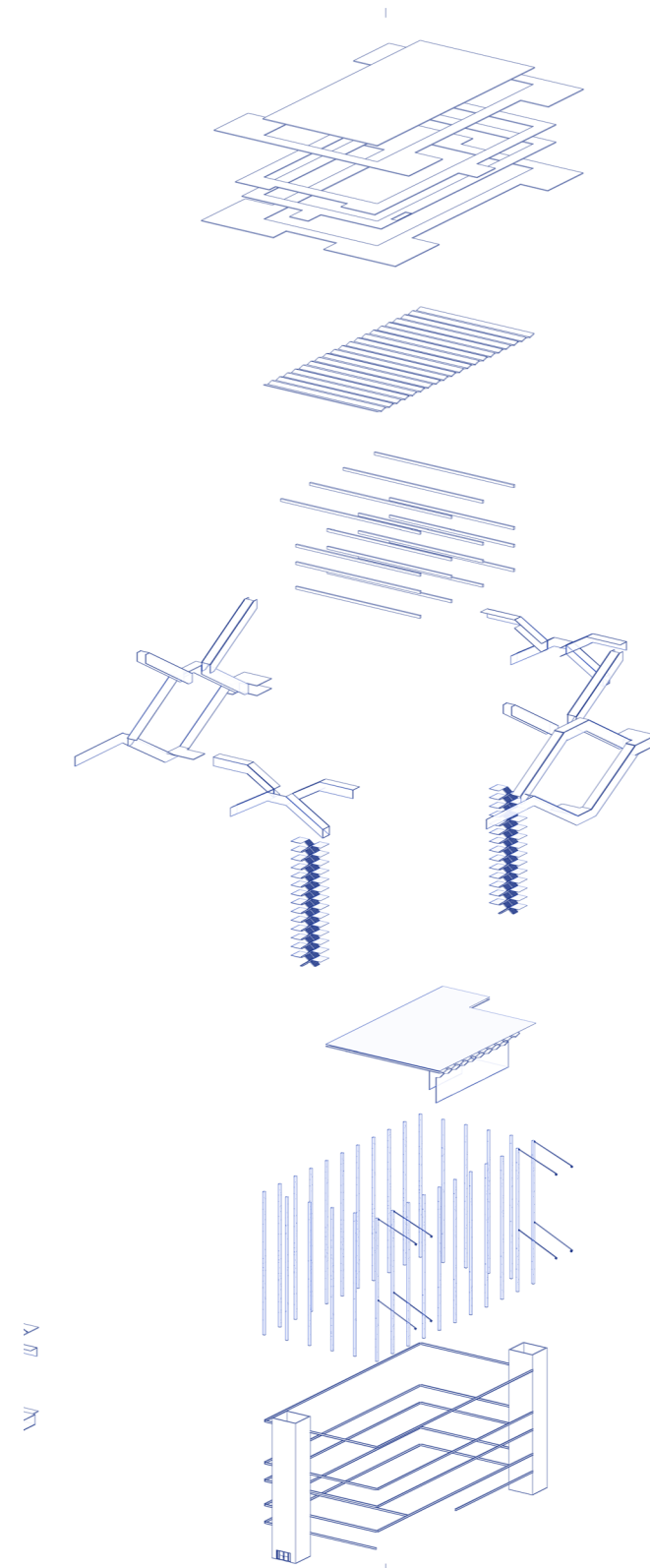
ESCALATOR EXPERIENCE



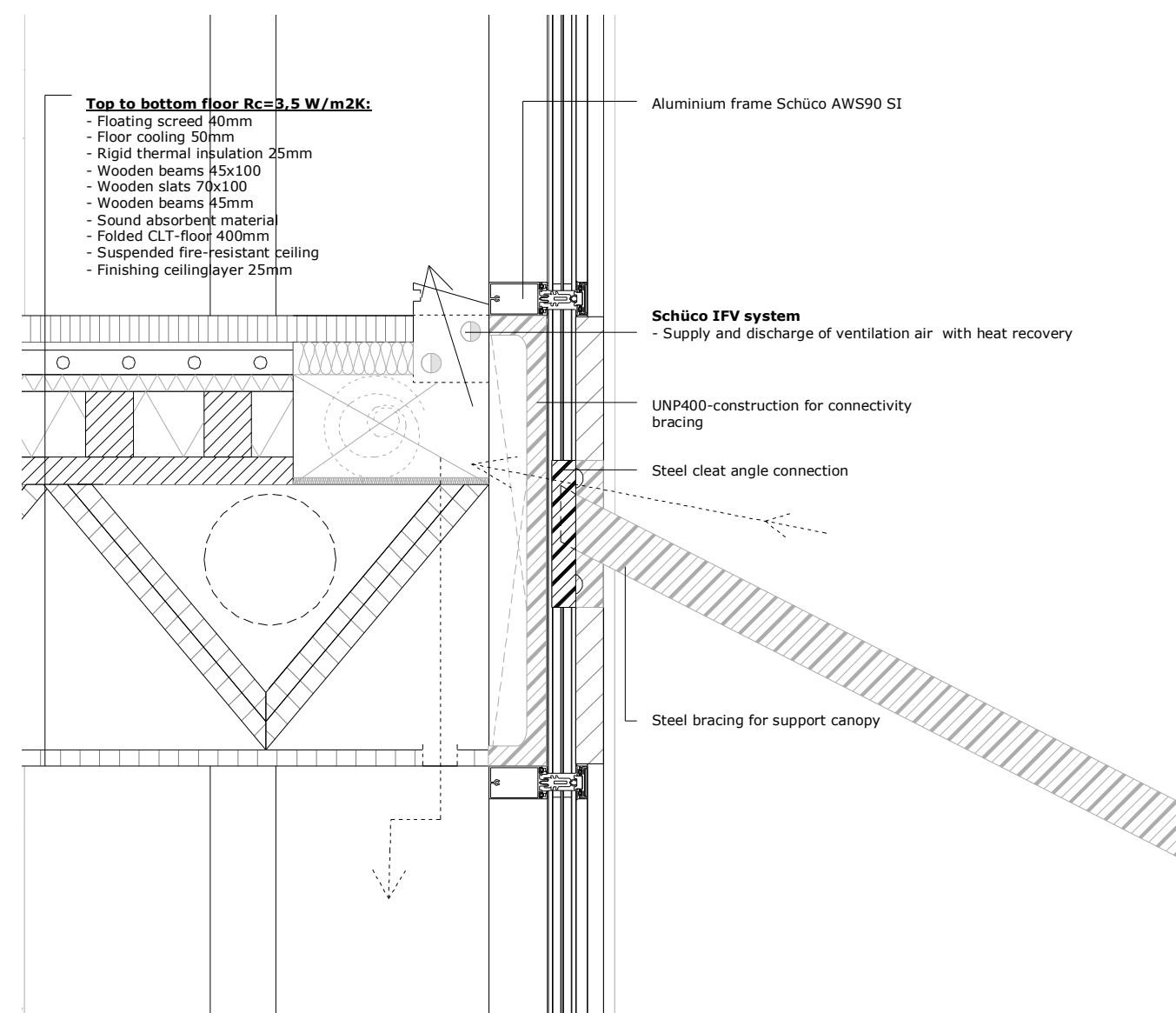
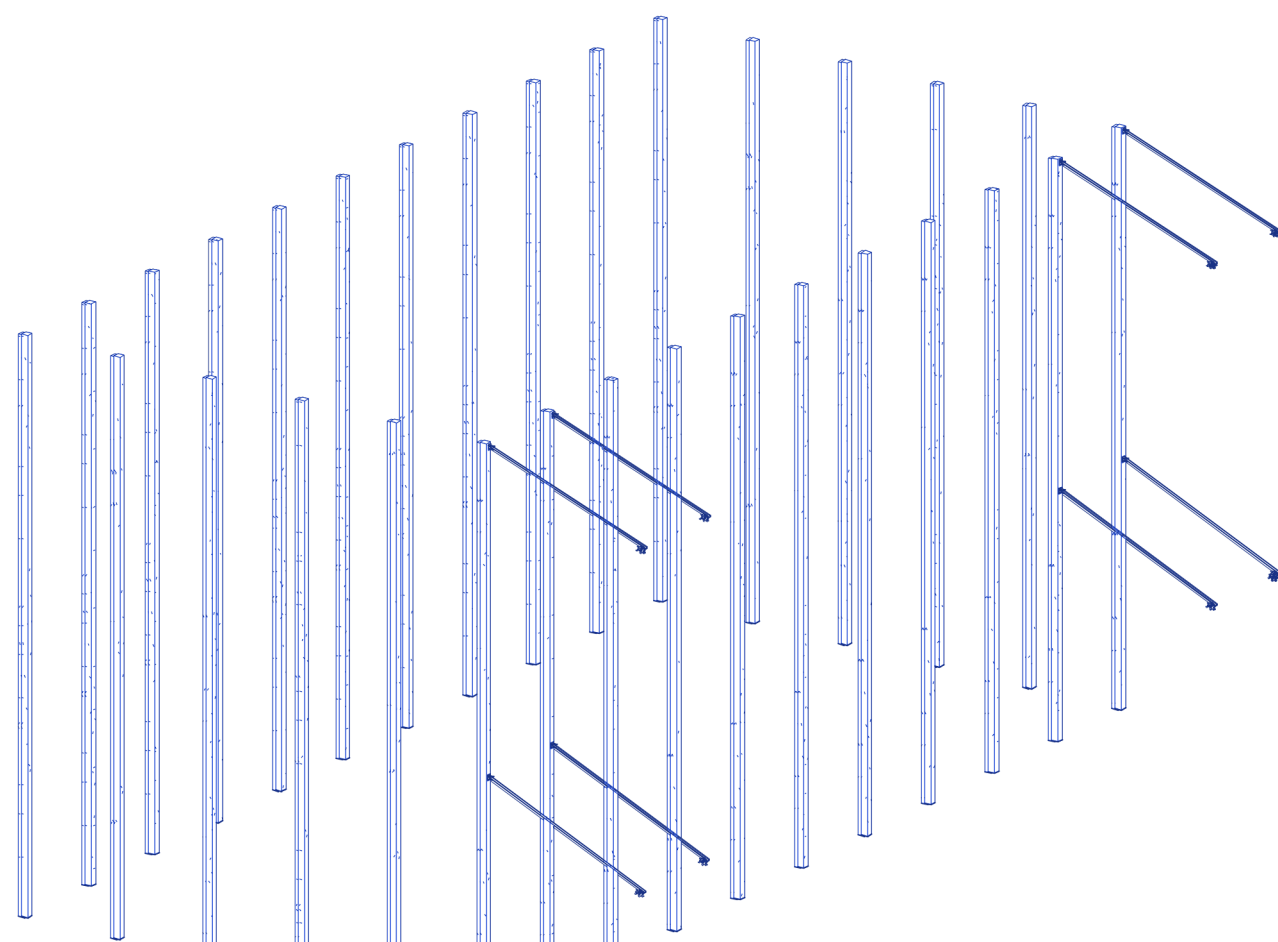
TECHNICAL ASPECTS FOR THE BUILDING

THE BENEFITS OF THIS CONCEPT

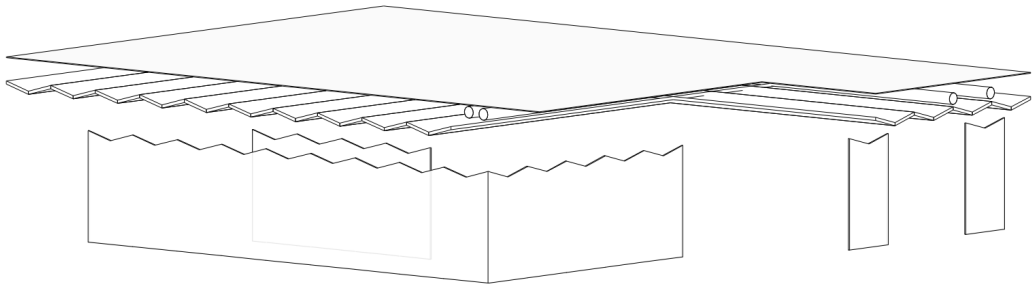
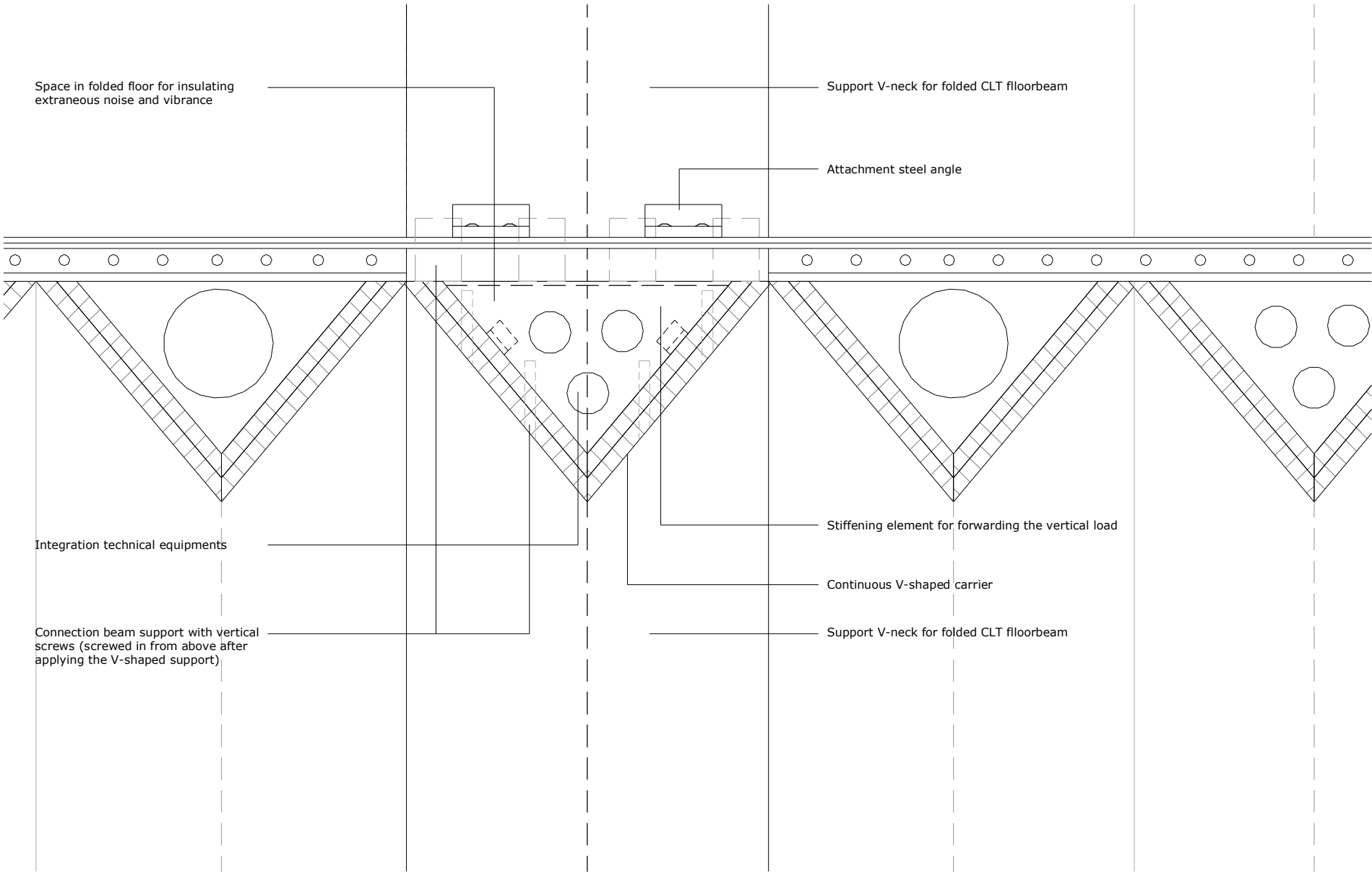
CONSTRUCTION AXONOMETRY



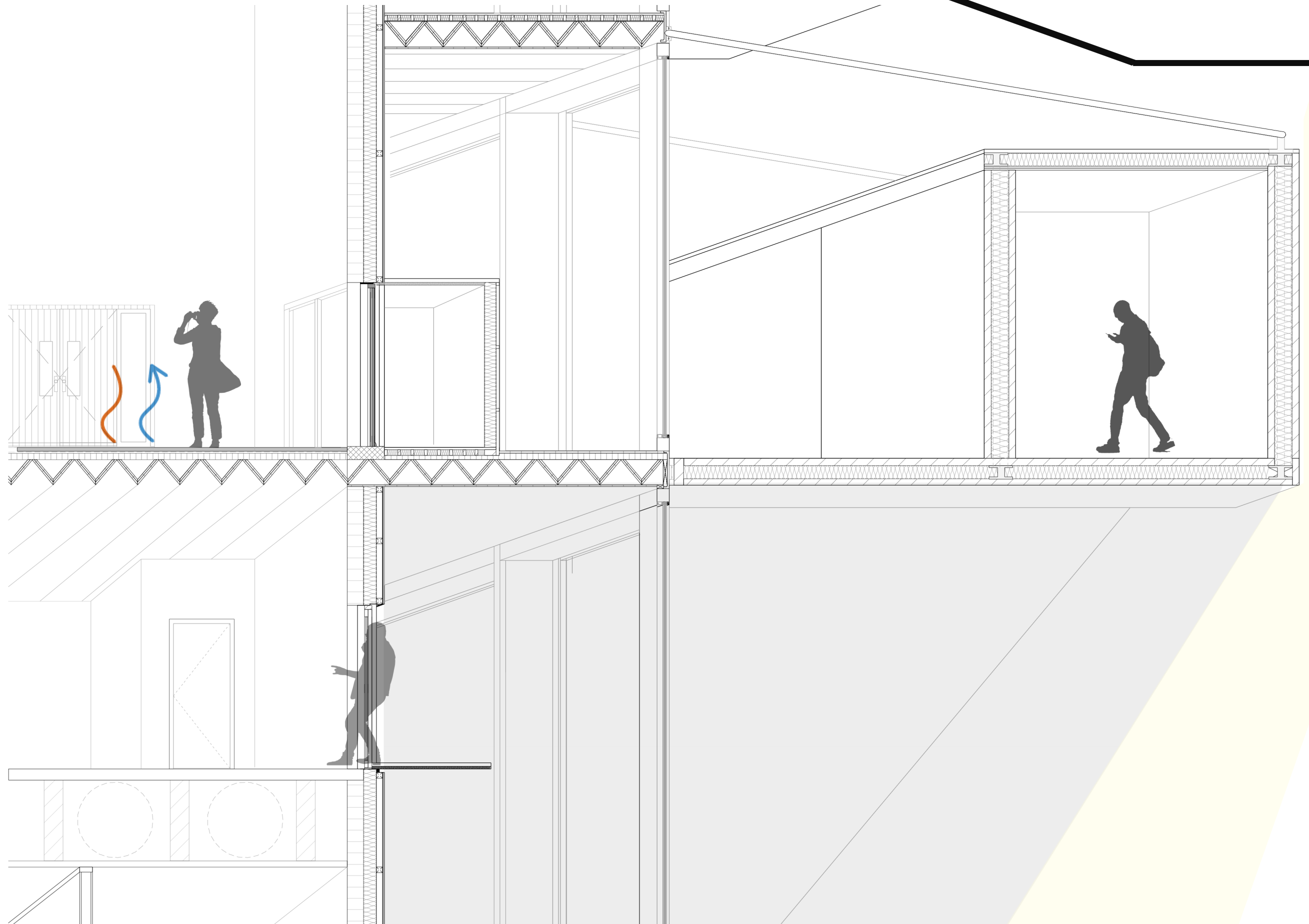
ASSEMBLING CANTILEVERS



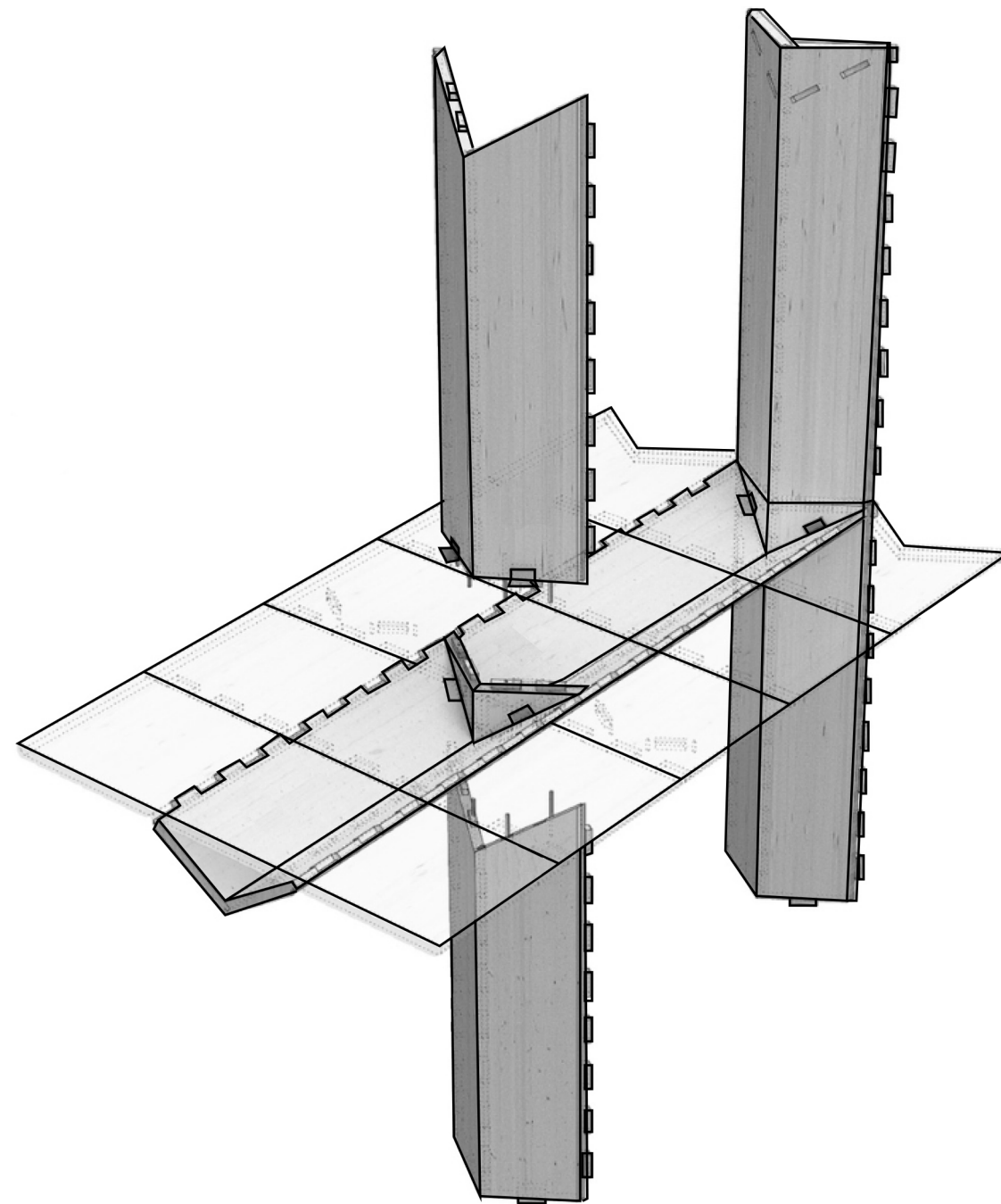
CLT FOLDED FLOORS



1:50 FRAGMENT APPROACH FLOORS



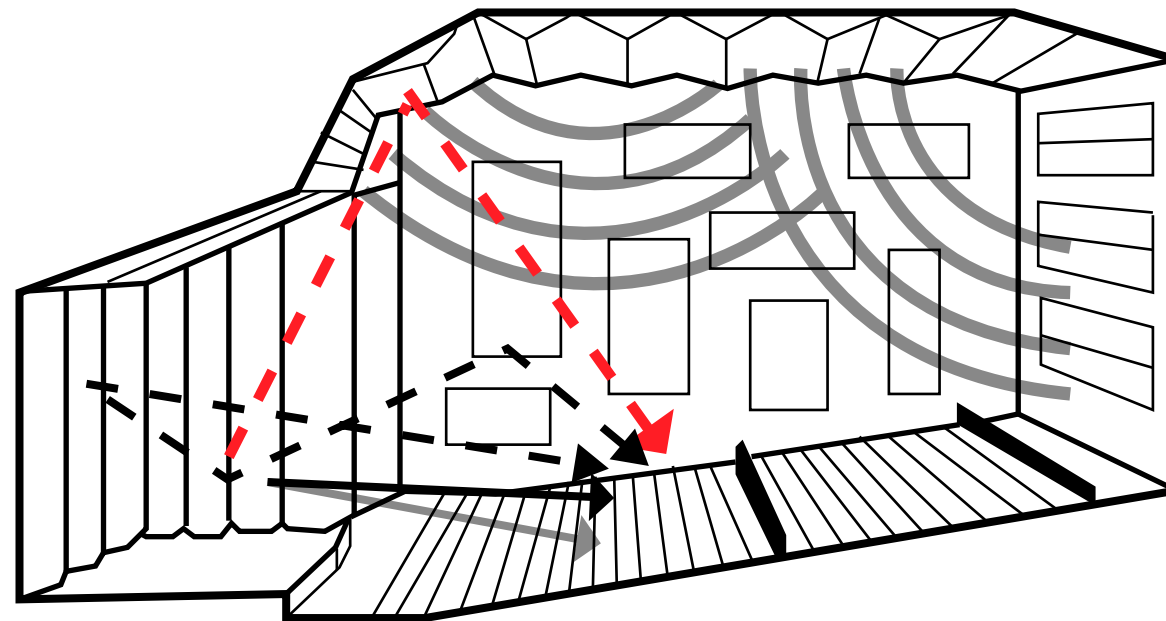
EXPERIENCE CLT FOLDED FLOORS







EXPERIENCE CLT FOLDED FLOORS



BENEFITS FOR ACOUSTICS



-  DIRECT SOUND (0 TO 25 MSEC)
-  EARLY REFLECTIONS (25 TO 100 MSEC)
-  EARLY REFLECTIONS (25 TO 100 MSEC)
-  REVERBERATION (>100 MSEC)

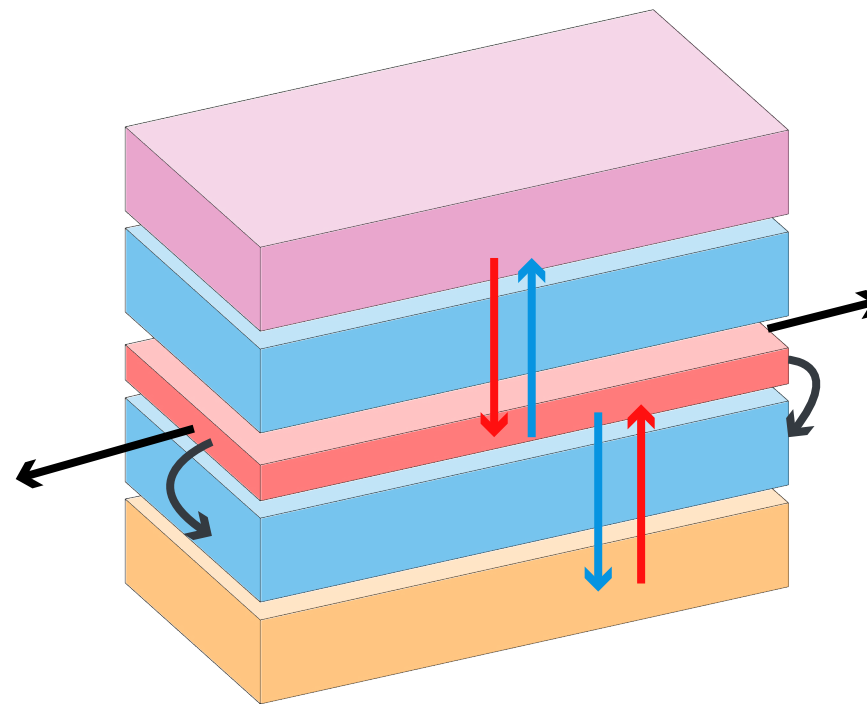
BENEFITS FOR ACOUSTICS



SUSTAINABLE ASPECTS FOR THE BUILDING

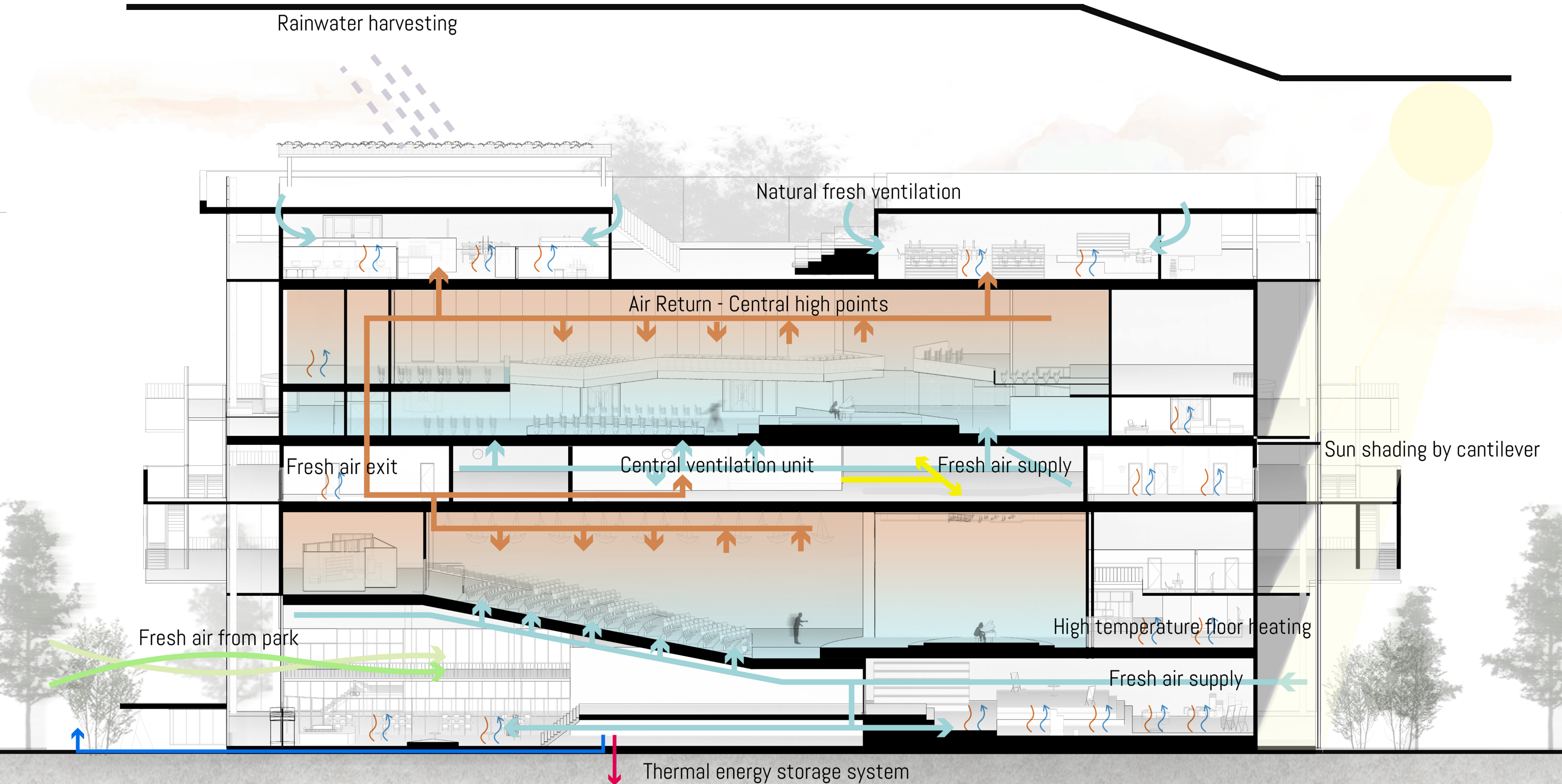
THE BENEFITS OF THIS CONCEPT

CLIMATE SECTION

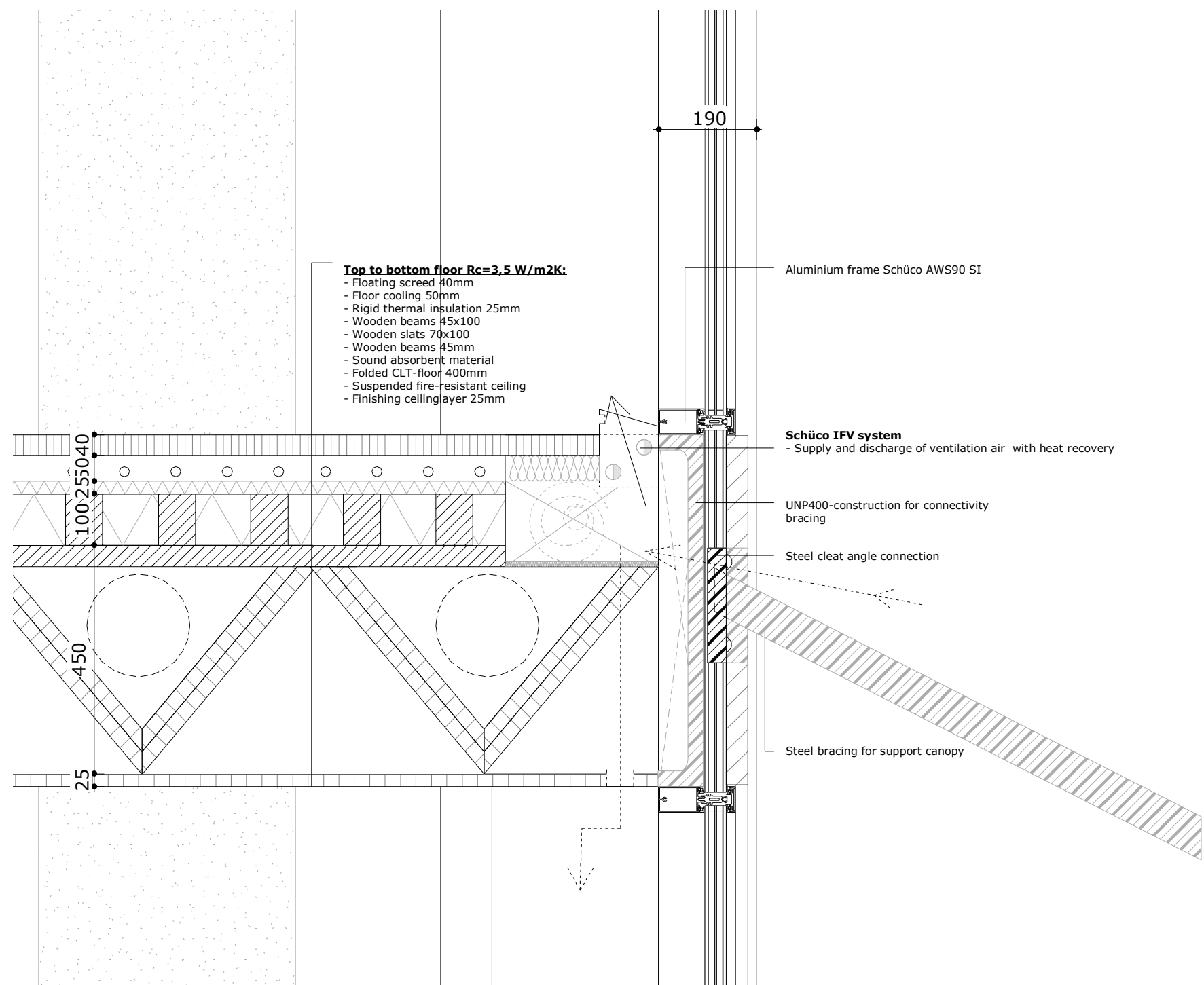


INSTALLATION BETWEEN LAYERS INSTEAD OF ON TOP

CLIMATE SECTION



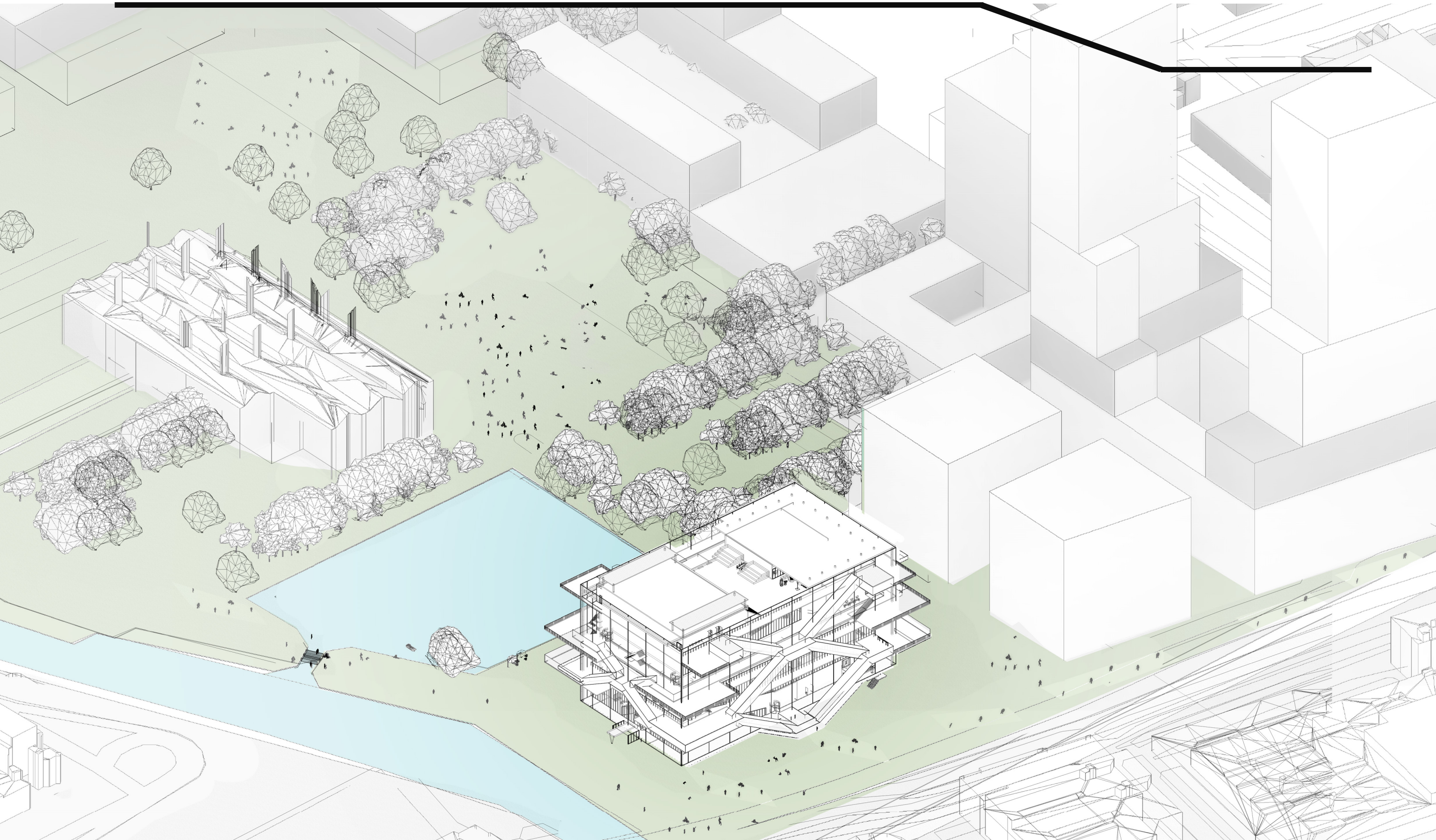
CLIMATE SECTION



URBAN DESIGN – NEW SITUATION



BIRD EYE VIEW



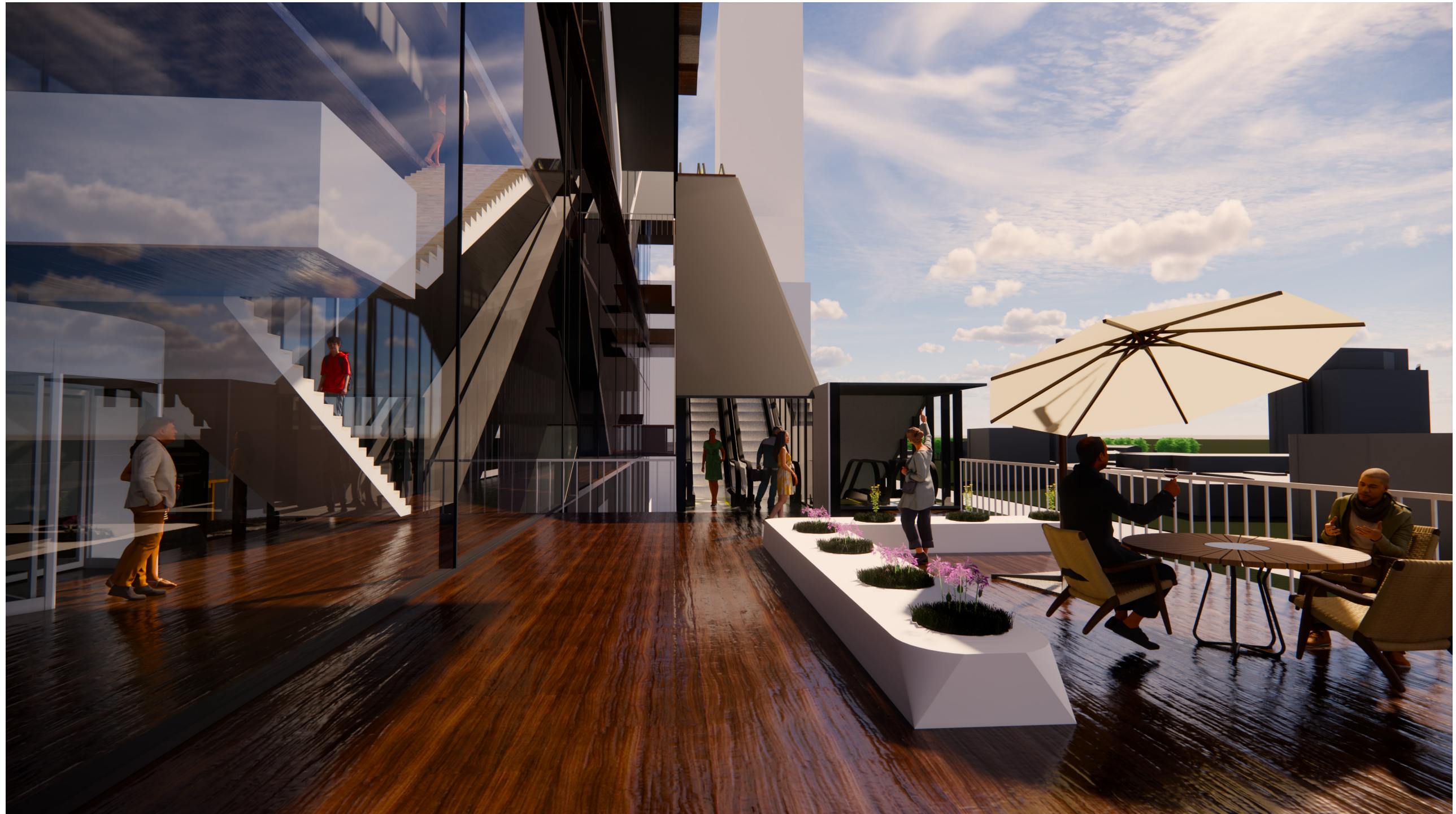
CONNECTION FRAMED IN SILENCE

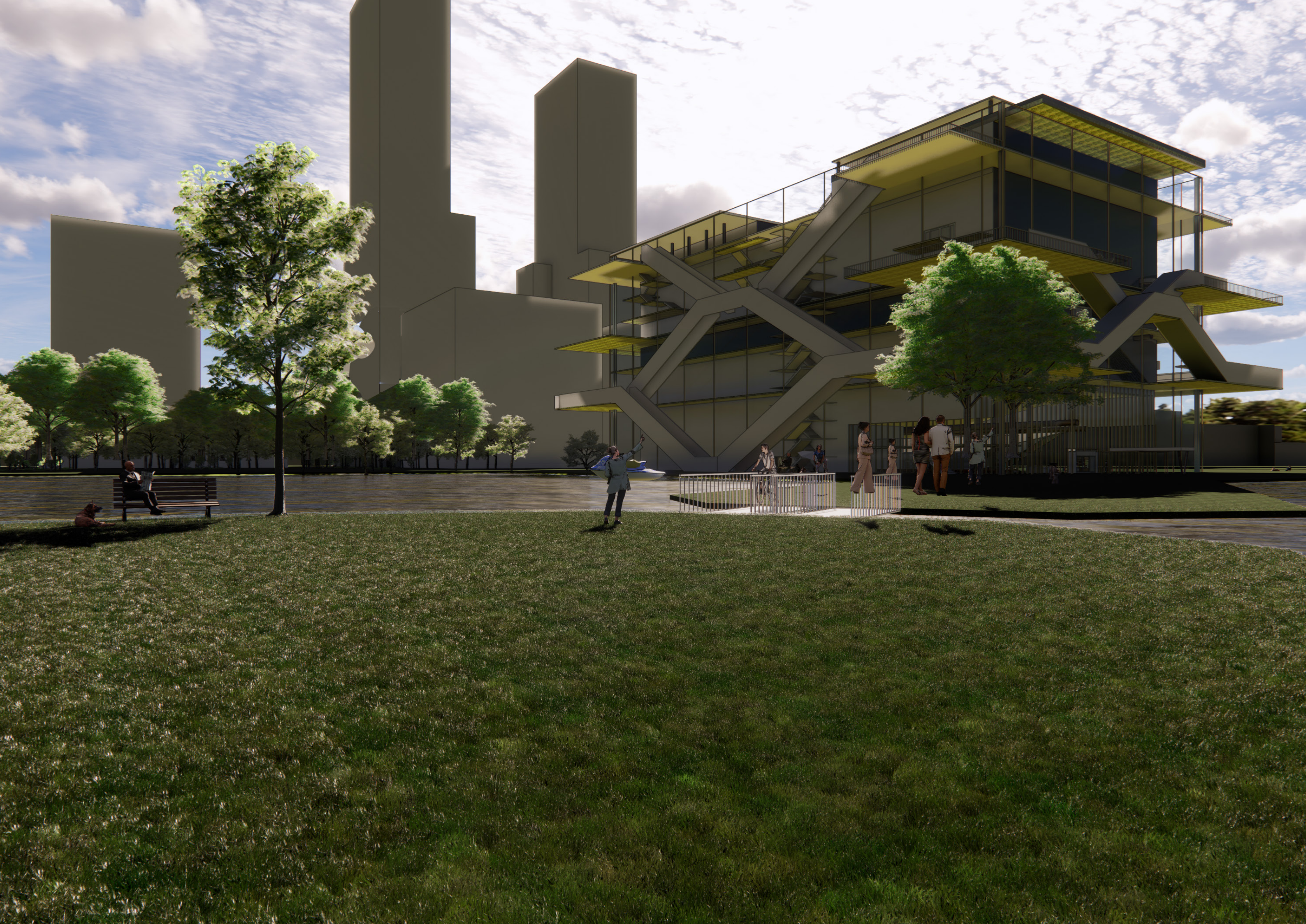


DIRECT CONNECTION WITH PARK



CONNECTION WITH BINCKHORST IN 'SPACE BETWEEN'





REFLECTION



**HAKKICAN
ÜNSÜR**

Public Building Graduation Studio | 2021-2022 MUSIC MARVEL

People's perceptions change over the years. People's needs and interests are also changing.

As designers, we have to be flexible in thinking and design to adapt to the wishes and standards of the current eras, we have to evaluate ourselves in an innovative sense. This in turn is reflected in spaces where people come together and do activities in company, or rather: 'public buildings'.

I find it interesting how we as designers, through architecture, adapt to today's society with regard to public spaces on different scales. In addition, I am looking forward to looking at solutions to somewhat bring people together in extreme cases such as the COVID19. These kinds of extreme events can lead to certain perspectives that we as designers have never thought about. My vision is therefore: limitations lead to creativity.

THANK YOU!

ANY QUESTIONS?