



COMPLEX PROJECTS
THE STAGE FOR BERLIN

THE PERFORMING ARTS CENTRE FOR THE EVOLUTION OF OPERA

THOMAS HOGERVORST

04/07/2023

why a new performance centre?

PERFORMANCE CULTURE GERMANY



25%

OF ALL CLASSICAL ORCHESTRAS
IN THE WORLD

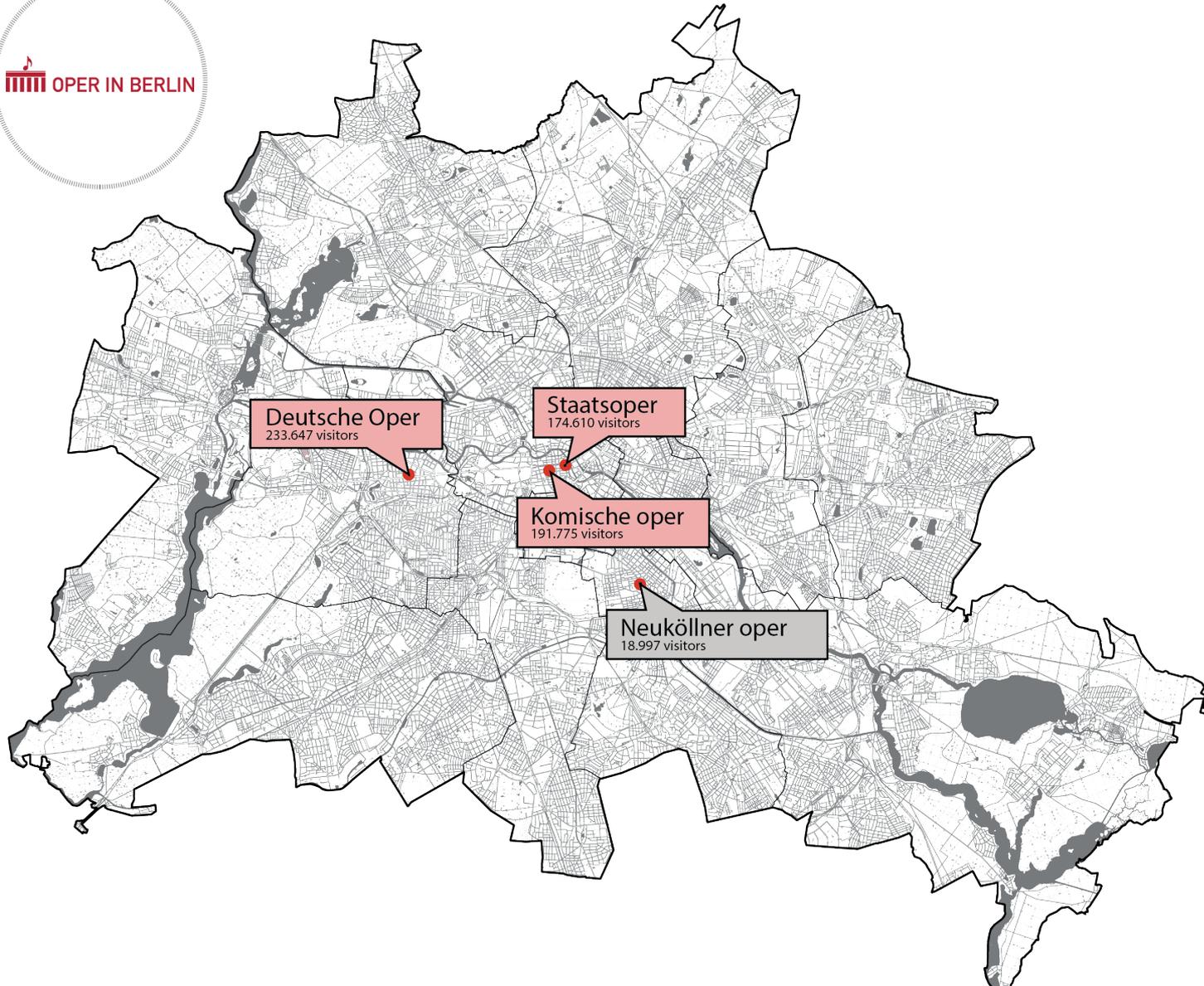


14%

OF ALL OPERAS IN THE WORLD

why a new performance centre?

OPERA CULTURE BERLIN

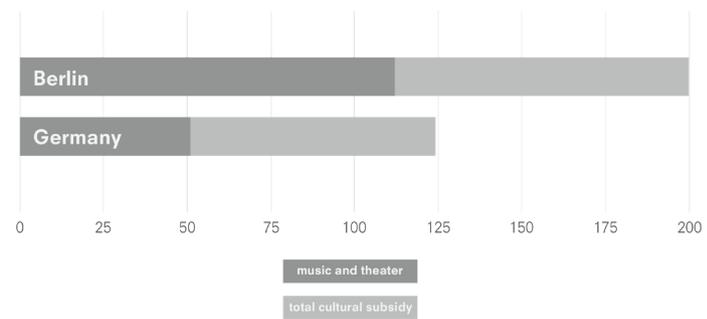


why a new performance centre?

PERFORMANCE CULTURE BERLIN



Cultural funding per capita



Deutsche musik information zentrum (MIZ, 2021)

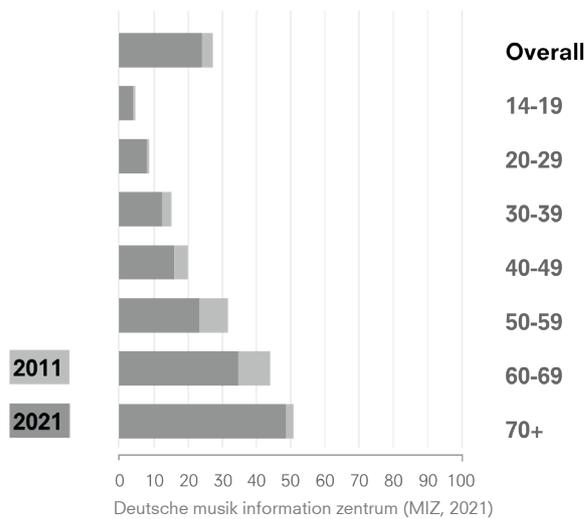


200 EURO PER TICKET

why a new performance centre?

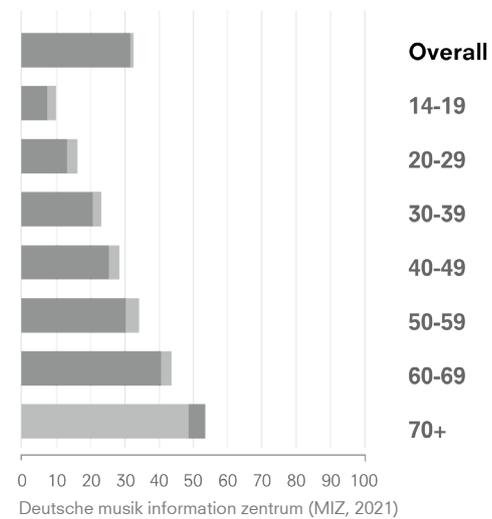
PERFORMANCE CULTURE GERMANY

Interest in Opera, Operette



“Only 10% of the population, largely people with university degrees, belong to the regular users of publicly funded cultural institutions like theatres, concert houses, and museums.”

Interest in classical music



“The interest of young people in traditional cultural offerings is declining in general.”

GERMAN OPERA AUDIENCE

**OPERA
BERLIN**



why a new performance centre?

THE INACCESSIBLE OPERA

OPERA
BERLIN



why a new performance centre?

PROBLEM STATEMENT



why a new performance centre?

PROBLEM STATEMENT



why a new performance centre?

INTENTION

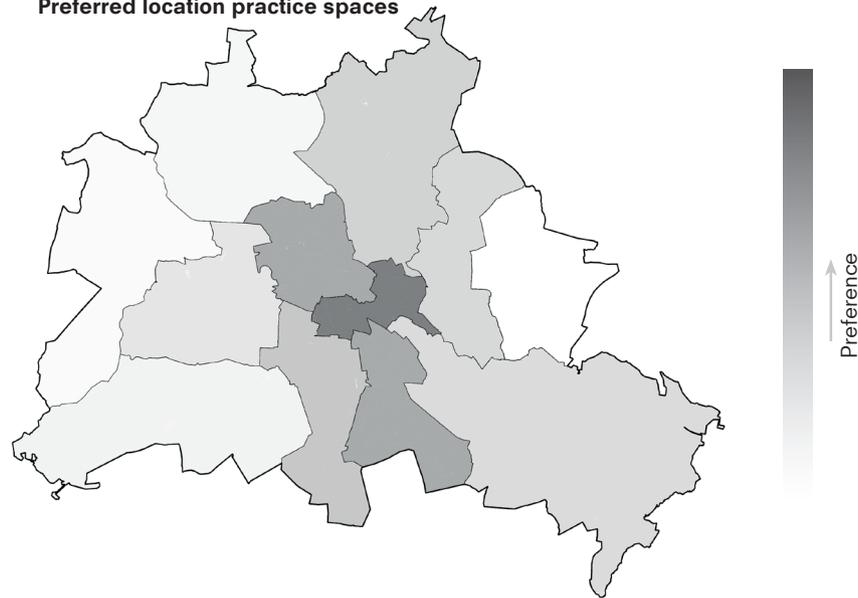


why a new performance centre?

THE ACCESSIBLE OPERA



Preferred location practice spaces

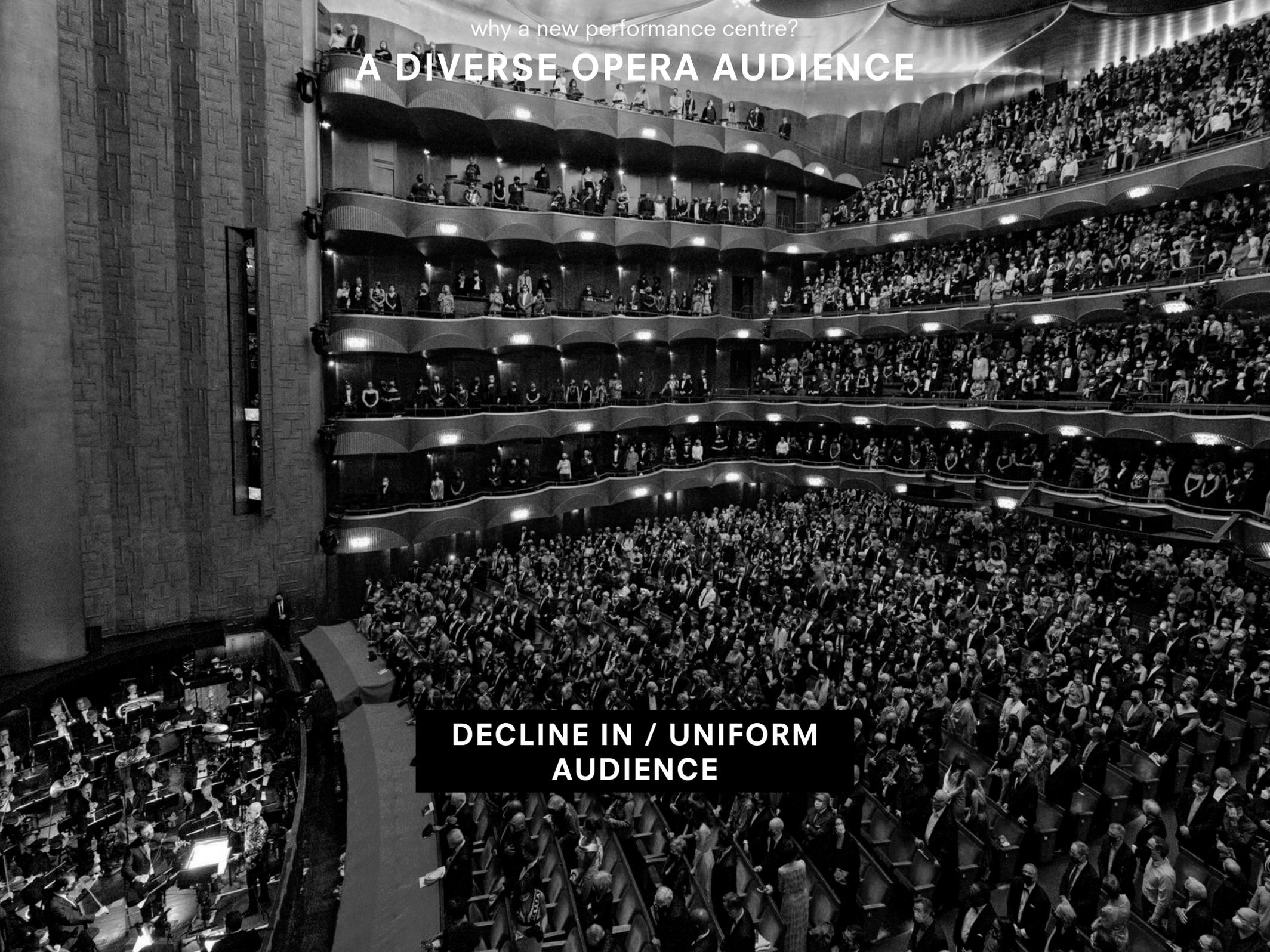


INACCESSIBLE BUILDINGS

why a new performance centre?

A DIVERSE OPERA AUDIENCE

**DECLINE IN / UNIFORM
AUDIENCE**



why a new performance centre?
OPERA INNOVATION

SETTING

NARRATIVE

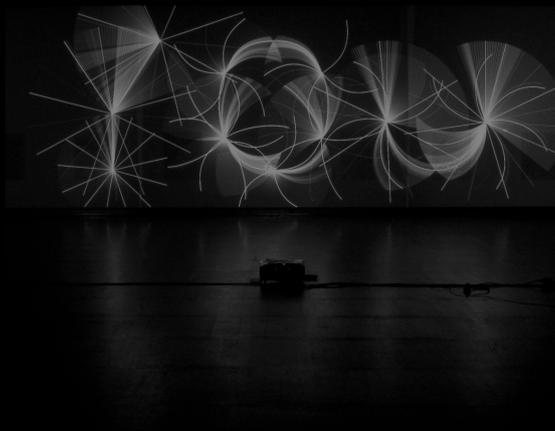
**UNUSUAL
INSTRUMENTS**

NEW MEDIA



why a new performance centre?

RESEARCH QUESTION



DESIGN BRIEF

why a new performance centre?

THE INITIATOR



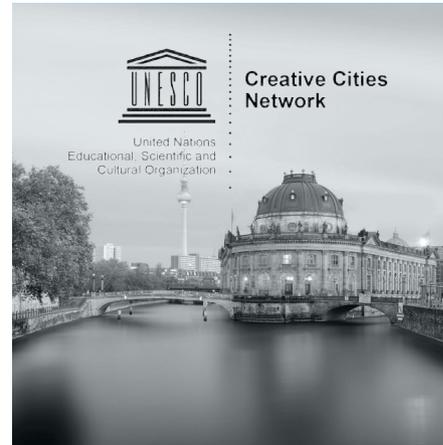
FUTUREPROOF OPERA / PERFORMANCE

why a new performance centre?

THE INITIATOR



FUTUREPROOF OPERA / PERFORMANCE



who uses the performance venue of the future?

THE OPERATOR



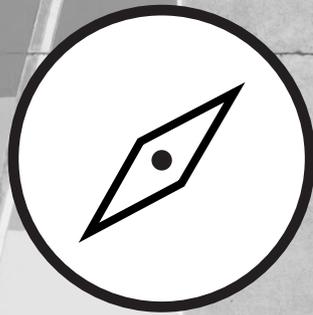
**“WE BRING PEOPLE AND IDEAS TOGETHER BOTH
ON AND OFF THE STAGE”**

who uses the performance venue of the future?

CLIENT AMBITION



Preserve cultural heritage



Promote cultural exploration



Centre for cultural Berlin



Strengthen Berlin culture



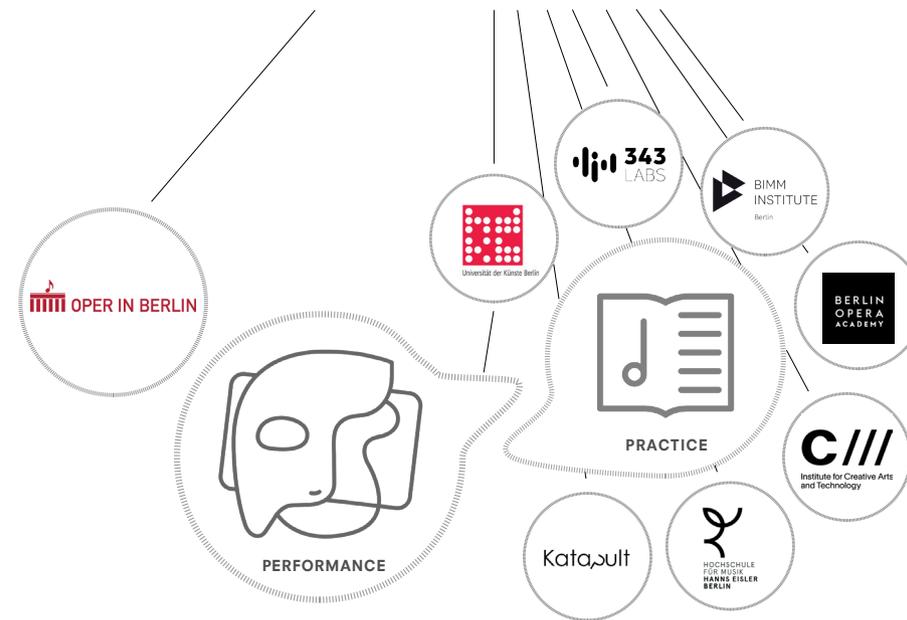
who uses the performance venue of the future?

CONNECT ACTORS



who uses the performance venue of the future?

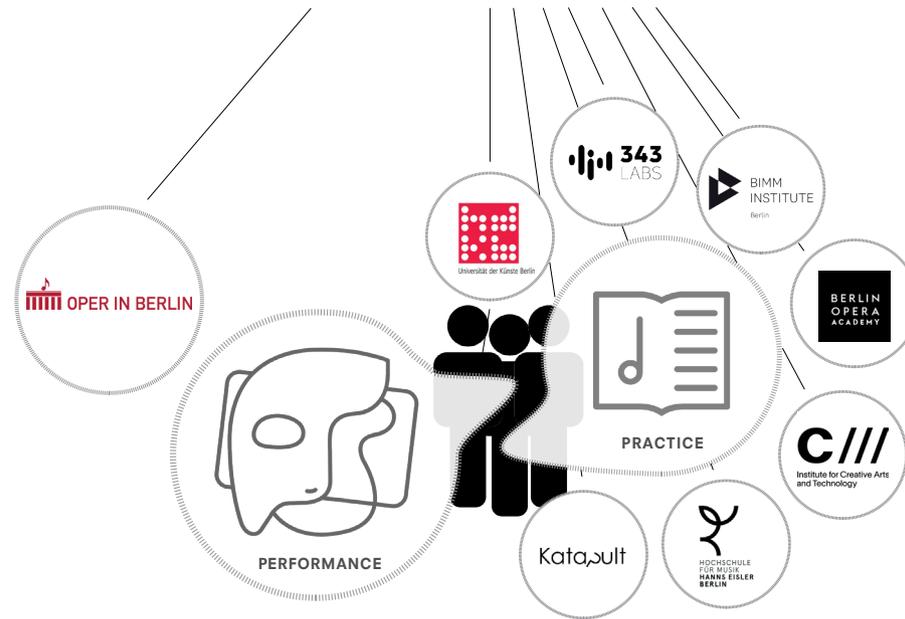
OFFER FACILITIES



who uses the performance venue of the future?

ORGANIZE EDUCATION

KULTUR PROJEKTE BERLIN



who uses the performance venue of the future?

INTENDED USERS

VISITORS

Performance visitors

School classes

WORKERS

Creative workers

Technical staff

KPB employees

STUDENTS

Course students

Performance students
(Recreational education)

Performance students
(Professional education)

PERFORMERS

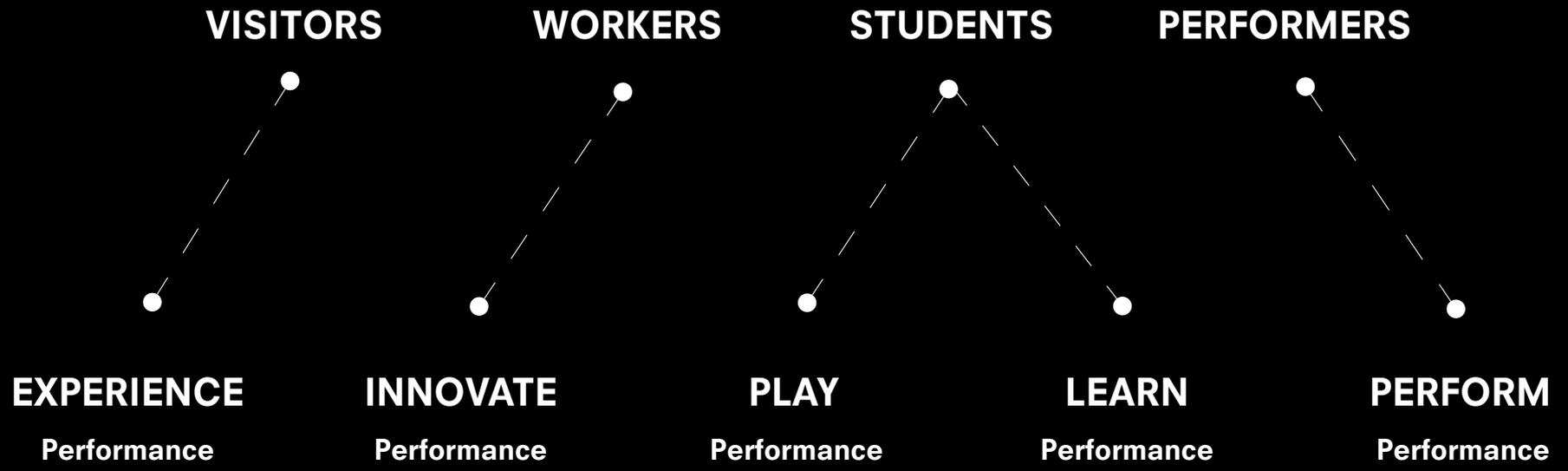
Amateur performers
(Recreational)

Practicing performers
(Making a living)

Professional performers
(Performance and preparation)

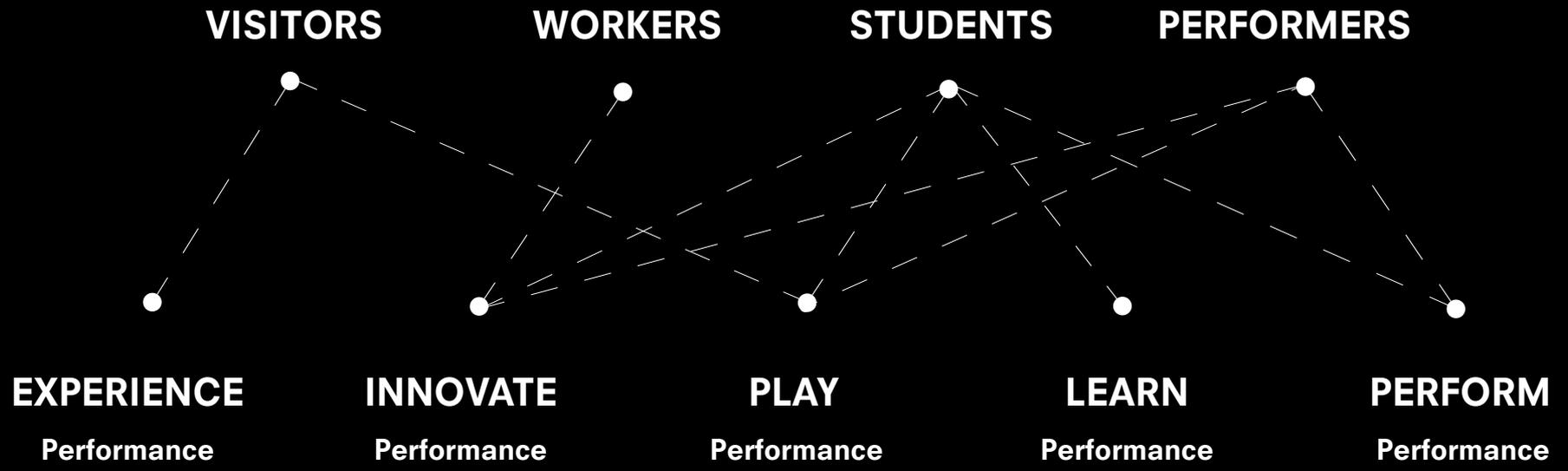
who uses the performance venue of the future?

INTENDED USE



who uses the performance venue of the future?

INTENDED USE



KULTUR PROJEKTE BERLIN



what is the performance centre?

PERFORMANCE PROGRAM

EXPAND



- STAGE
- REHEARSAL
- DRESSING ROOM
- MAKEUP



- STAGE
- REHEARSAL
- DRESSING ROOM
- MAKEUP
- STAGE ASSEMBLY



- STAGE
- ORCHESTRA PIT
- VOCAL REHEARSAL
- INSTRUMENT REHEARSAL
- DRESSING ROOM
- RECORDING STUDIO
- RENTAL

- PRODUCTION SPACE
- PERFORMANCE SPACE

what is the performance centre?

PERFORMANCE PROGRAM

EXPAND

INTRODUCE



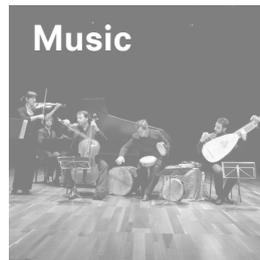
Dance

- STAGE
- REHEARSAL
- DRESSING ROOM
- MAKEUP



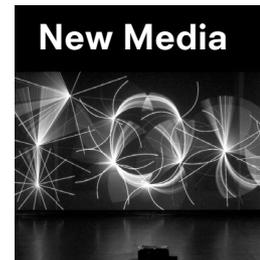
Theater

- STAGE
- REHEARSAL
- DRESSING ROOM
- MAKEUP
- STAGE ASSEMBLY



Music

- STAGE
- ORCHESTRA PIT
- VOCAL REHEARSAL
- INSTRUMENT REHEARSAL
- DRESSING ROOM
- RECORDING STUDIO
- RENTAL



New Media

- EDIT COMPUTERS
- RECORDING STUDIO
- MAKERSPACE
- WORKPLACES
- RENTAL



Education

- LECTURE SPACE
- RECORDING STUDIO
- MEETING ROOM
- WORKPLACES

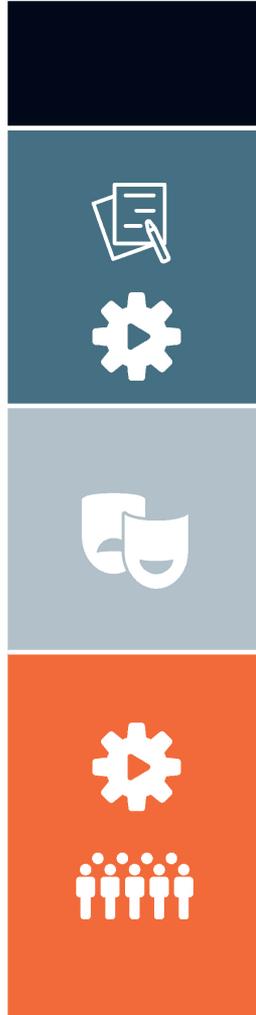
- PRODUCTION SPACE
- PERFORMANCE SPACE

what is the performance centre?

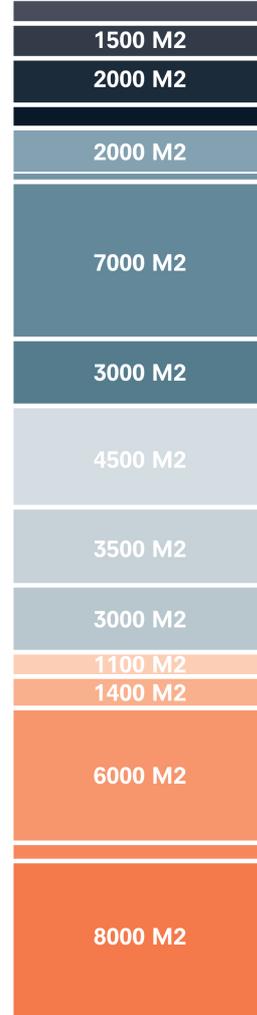
SPACE USAGE

A stage for Berlin

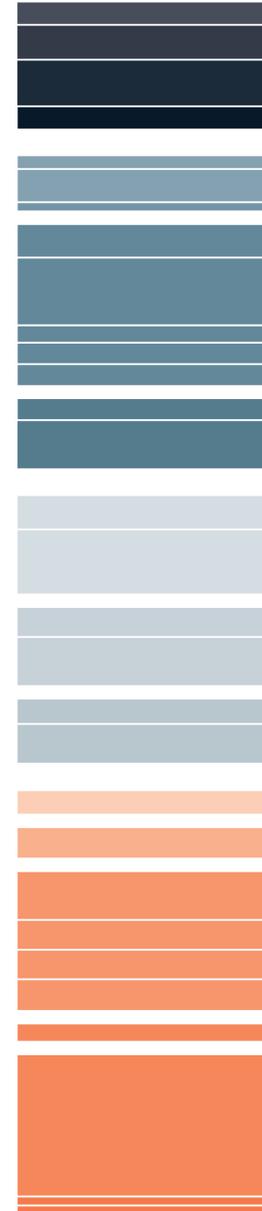
45.200 m²



45.200 m²



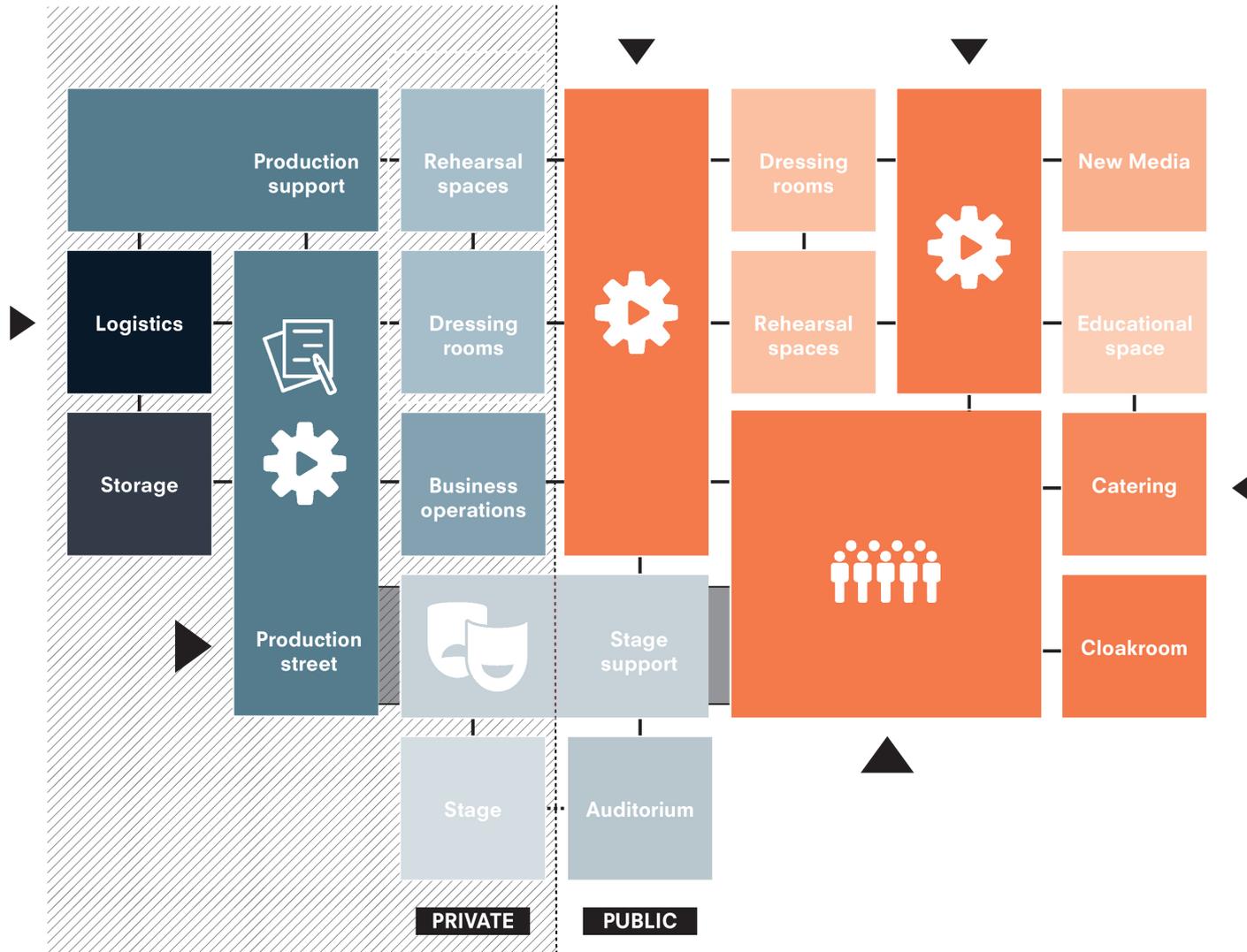
- Sanitary
- Storage
- Technical spaces
- Logistics
- Business operations
- Social area
- Practice cluster 2
- Production support 2
- Stage
- Stage support
- Auditorium
- Educational space
- Production support 1
- Practice cluster 1
- Catering
- Visitors area



- Sanitary
- Storage
- Technical spaces
- Logistics
- Meeting rooms
- Offices
- Social space
- Traffic space
- Dressing rooms
- Theater rehearsal
- Music rehearsal
- Dance rehearsal
- Traffic
- Technical space
- Multi-use hall x2
- Opera hall
- Technical space
- Intrem space public
- Multi-use hall x2
- Opera hall
- Lecture space, workplaces
- New Media facilities
- Dressing room
- Theater rehearsal
- Music rehearsal
- Dance rehearsal
- Catering
- Foyer
- Cloakroom

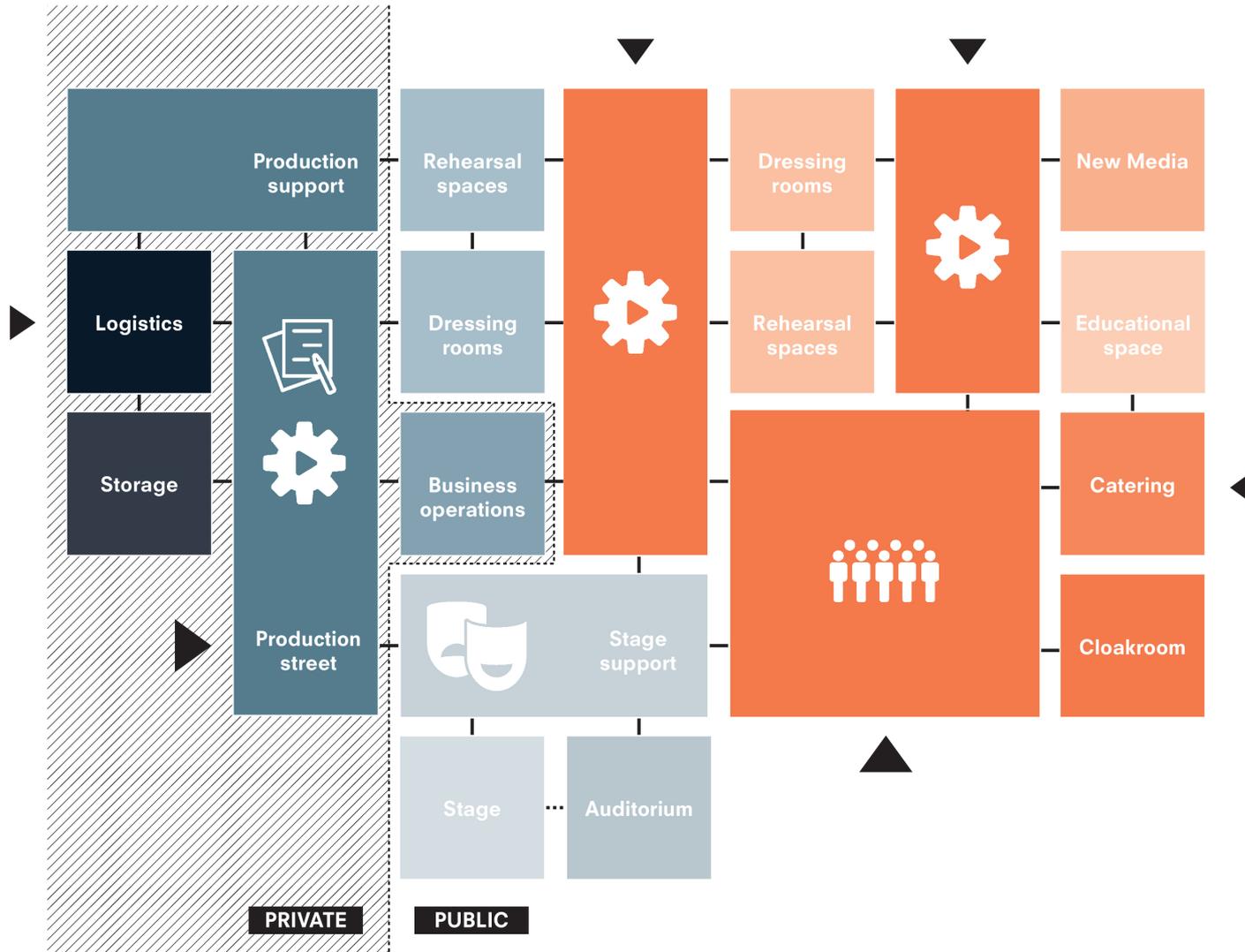


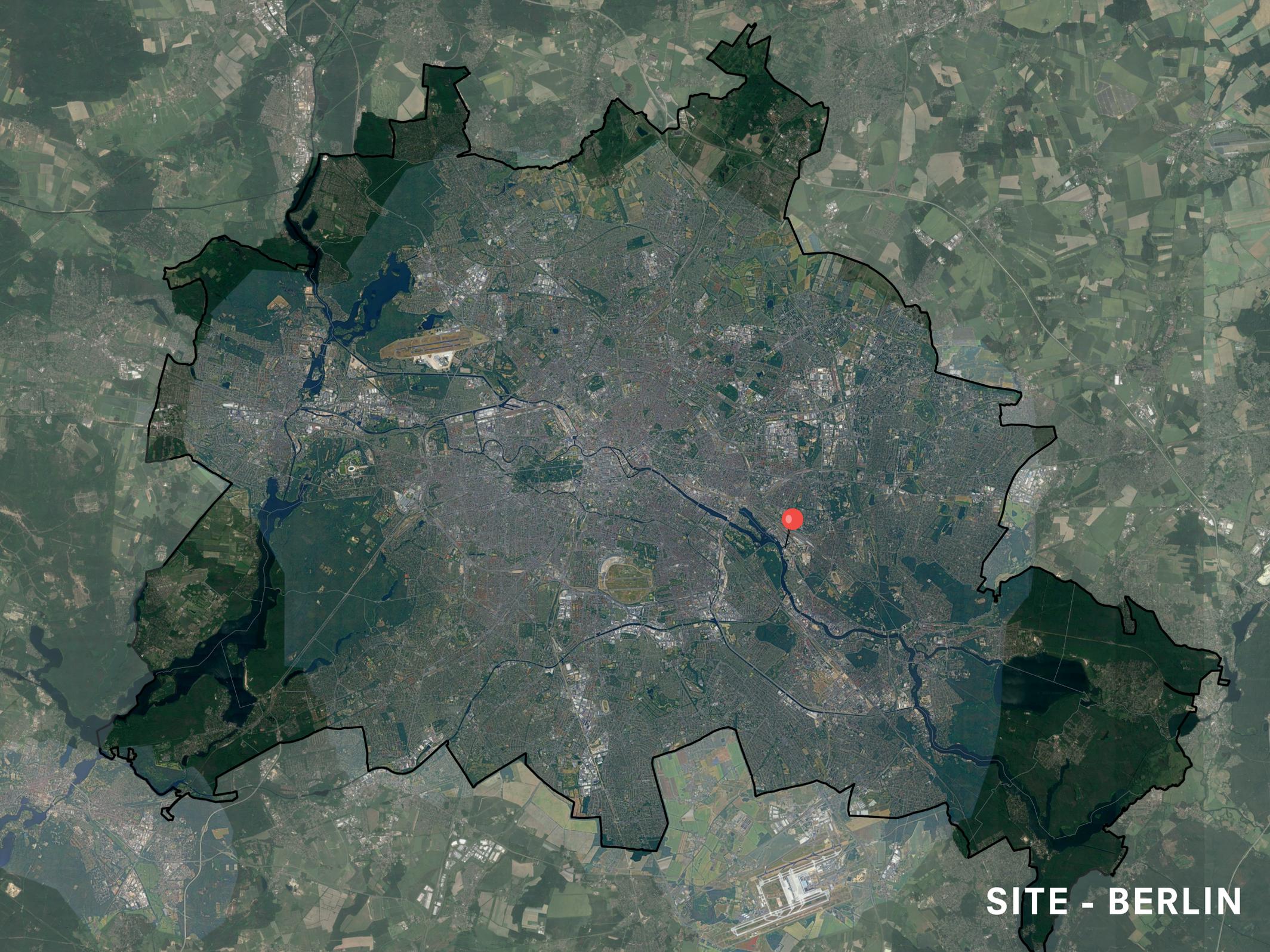
SPACE RELATION



- PUBLIC SPACE
- PRODUCTION SPACE
- PERFORMANCE SPACE

SPACE RELATION



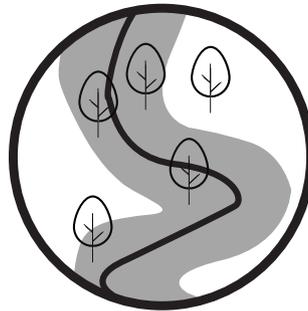


SITE - BERLIN

ENVIRONMENT REQUIREMENTS



ENVIRONMENT BERLIN
In or next to environment



GREEN NETWORK
Connected to green corridor



VALUABLE ENVIRONMENT
Not in protected environment

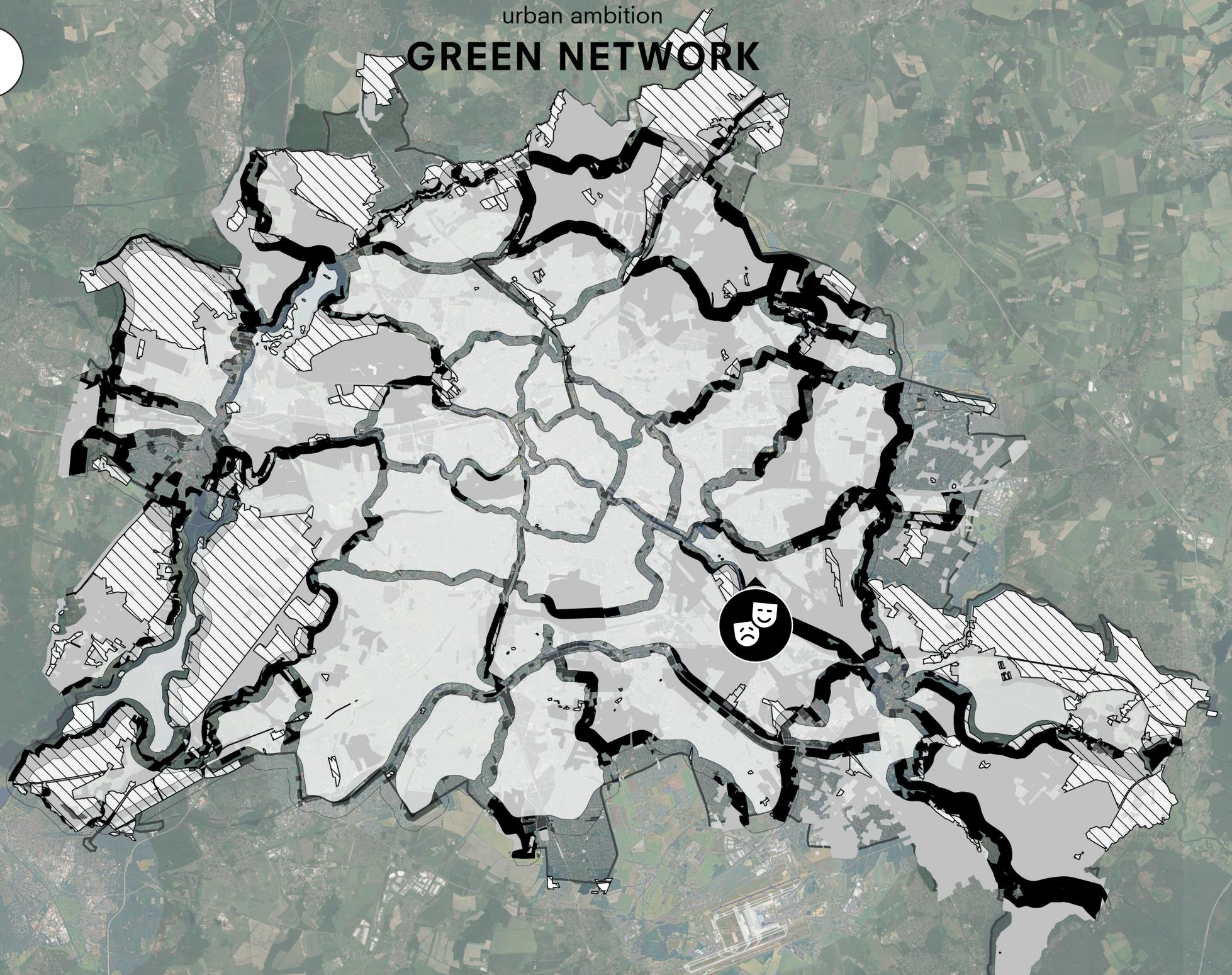
urban ambition

ENVIRONMENT VISION



urban ambition

GREEN NETWORK





URBAN CONDITIONS



VALUABLE ENVIRONMENT

An aerial photograph of a large park area, likely in Berlin, Germany. The foreground is dominated by a dense forest of green trees. In the middle ground, a large Ferris wheel is visible on the left side. To the right, a large body of water, possibly a lake or a wide river, stretches across the frame. In the background, a city skyline is visible under a clear sky. A white speech bubble with a black border is overlaid on the image, containing the text "PLANTERWALD".

PLANTERWALD



NEGLECTED URBAN SPACE





INDUSTRIAL ZONE

FALLOW LAND



GC 6

GC 6

GC 6

GC 8

GC 1

GC 1



GC 1

GREEN CORRIDORS





GC 1



CULTURAL CLUSTER





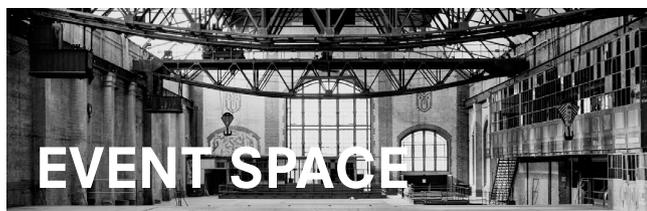
SPREEPARK





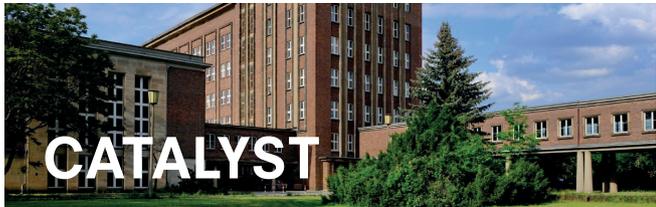
FUNKHAUS





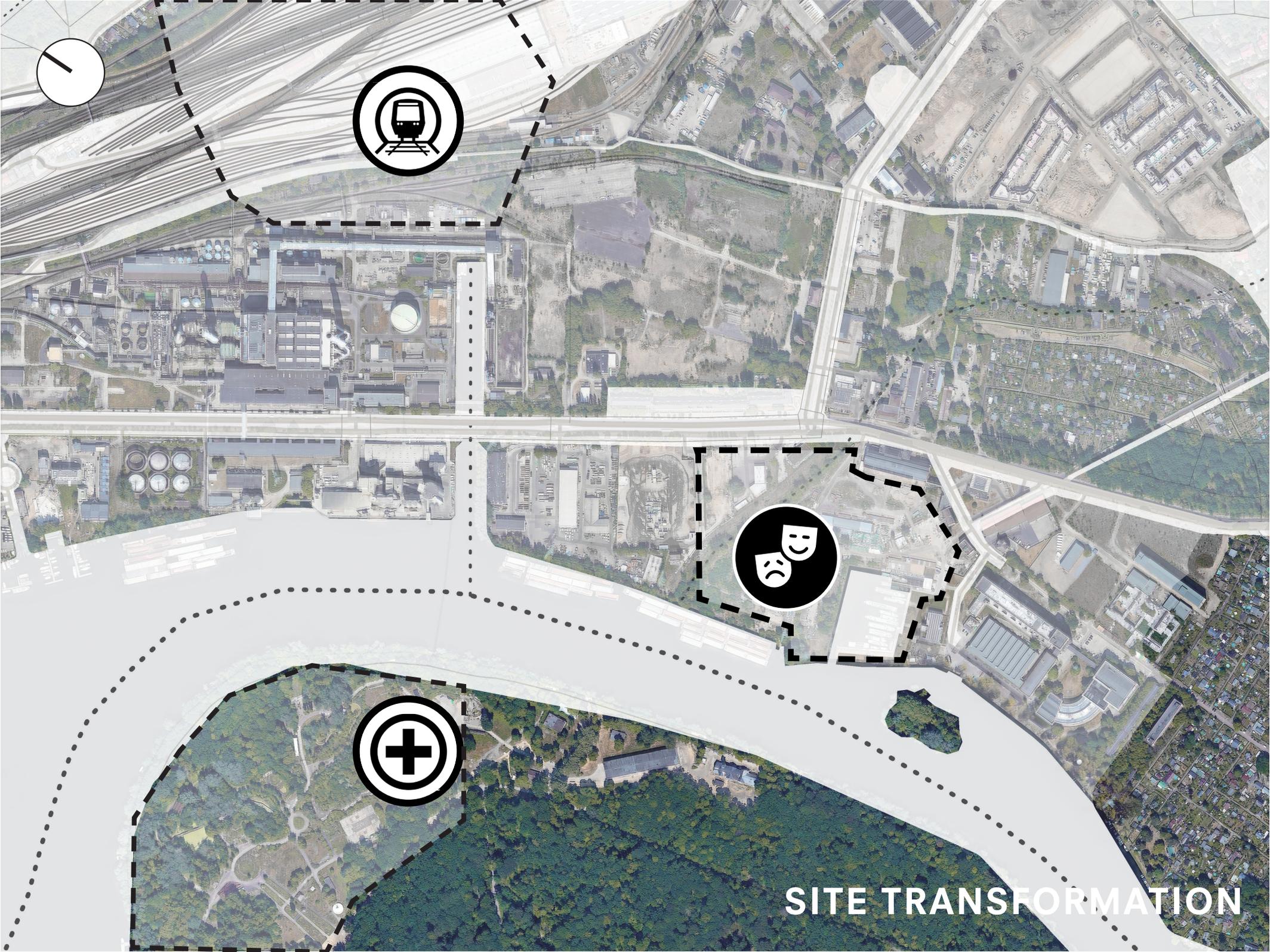
ALTES KRAFTWERK



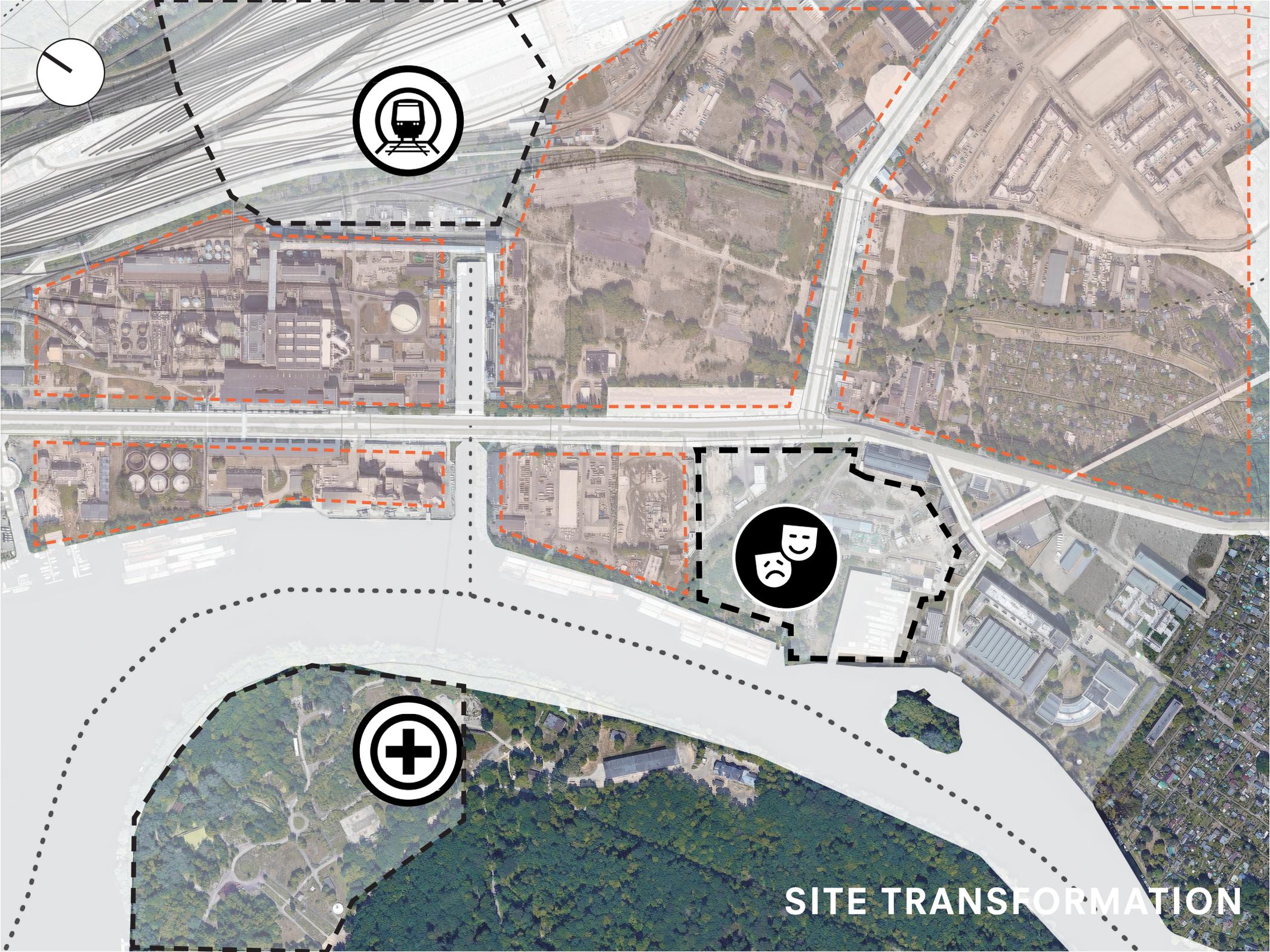


CULTURAL CLUSTER





SITE TRANSFORMATION



SITE TRANSFORMATION

An aerial photograph of a city, likely Toronto, showing a river (the Don River) flowing through it. The city is expanding southwards, with modern residential buildings and a marina visible in the foreground. The background shows a dense urban landscape with a prominent tower (the CN Tower) on the horizon. The sky is filled with scattered clouds, and the overall scene is bathed in the warm light of late afternoon or early morning.

CITY EXPANDING SOUTH

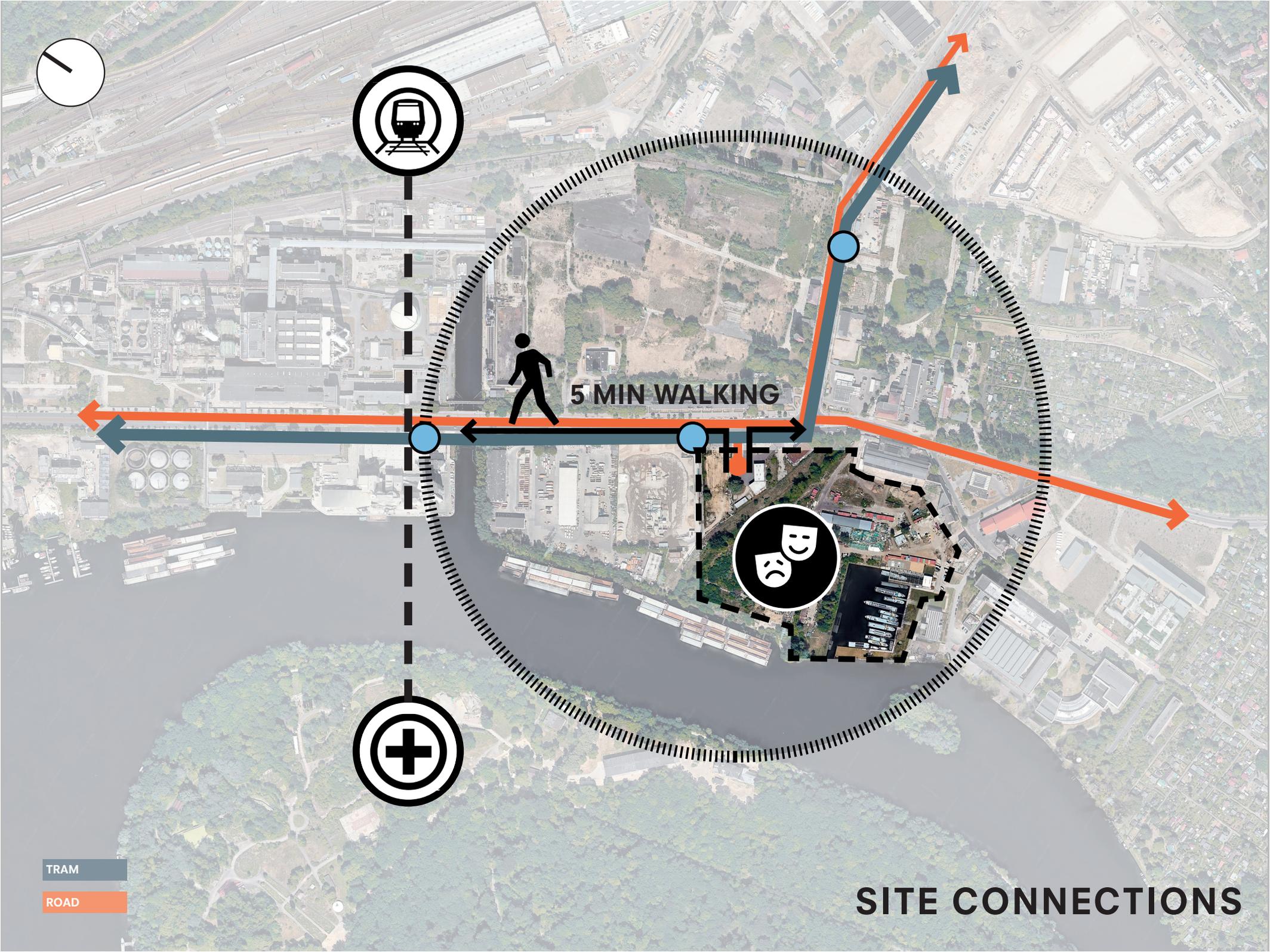


5 MIN WALKING

TRAM

ROAD

SITE CONNECTIONS





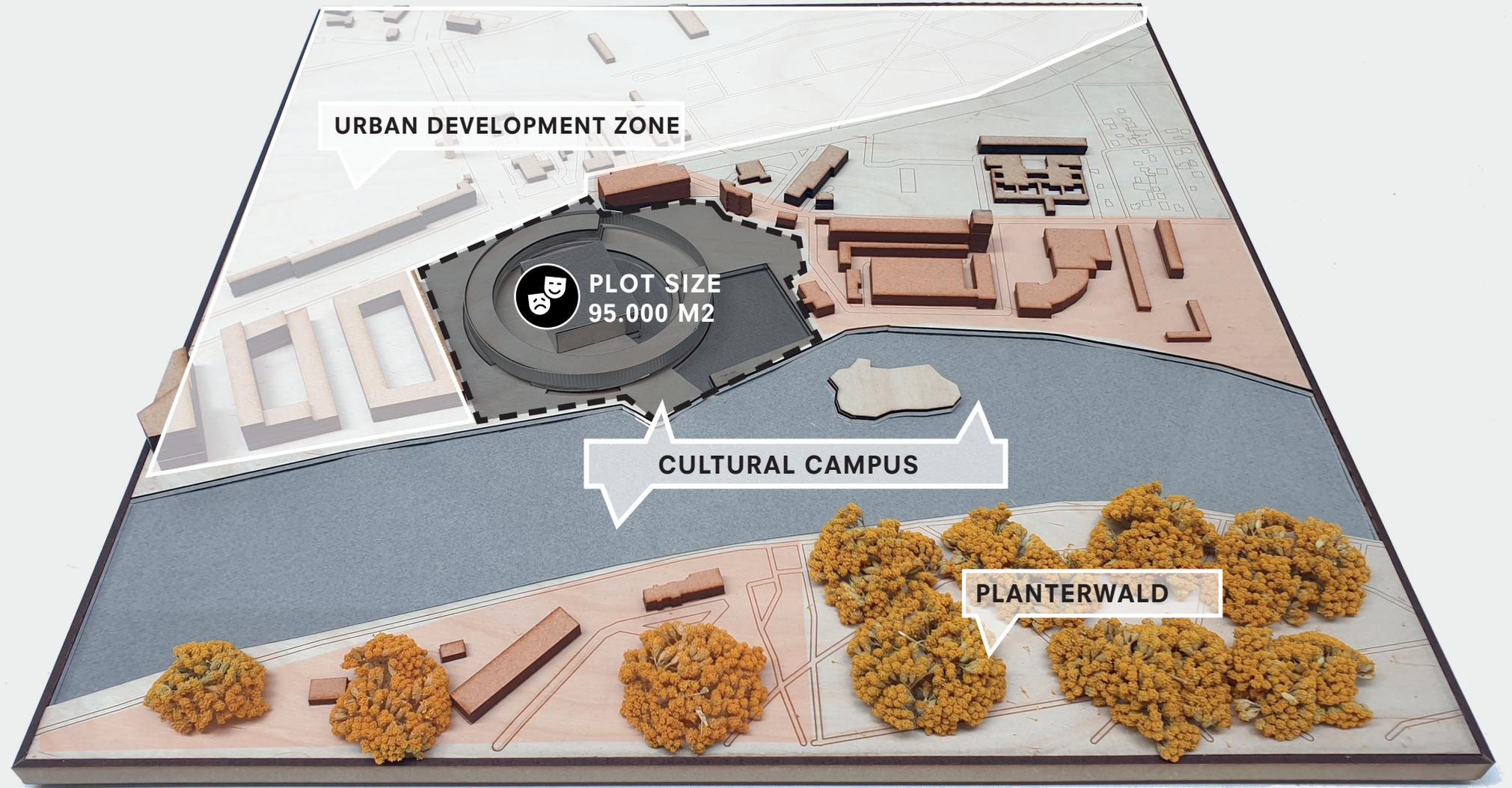
SITE CONNECTIONS

URBAN DEVELOPMENT ZONE

PLOT SIZE
95.000 M²

CULTURAL CAMPUS

PLANTERWALD



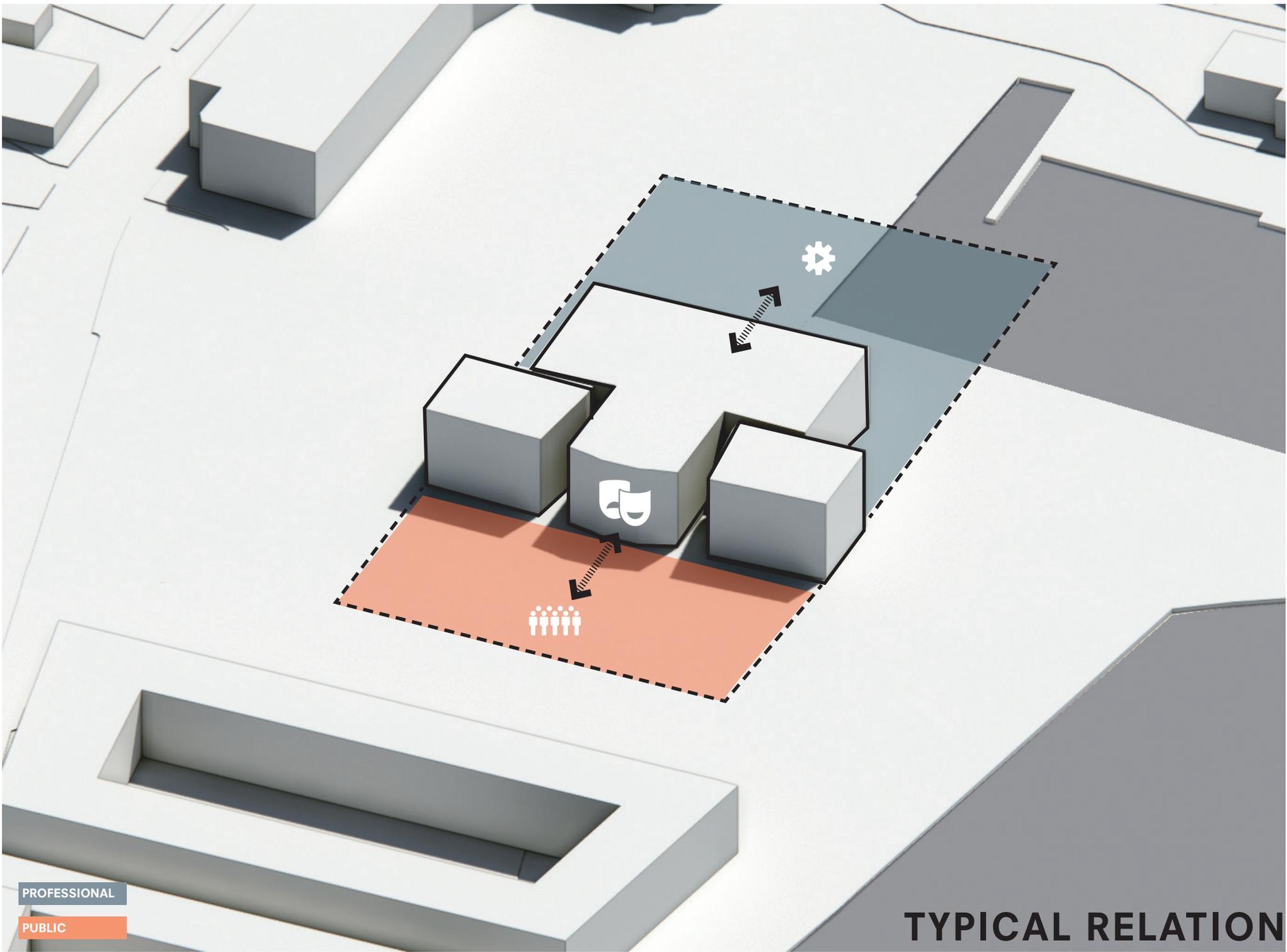
CONCEPT

CAMPUS

CITY



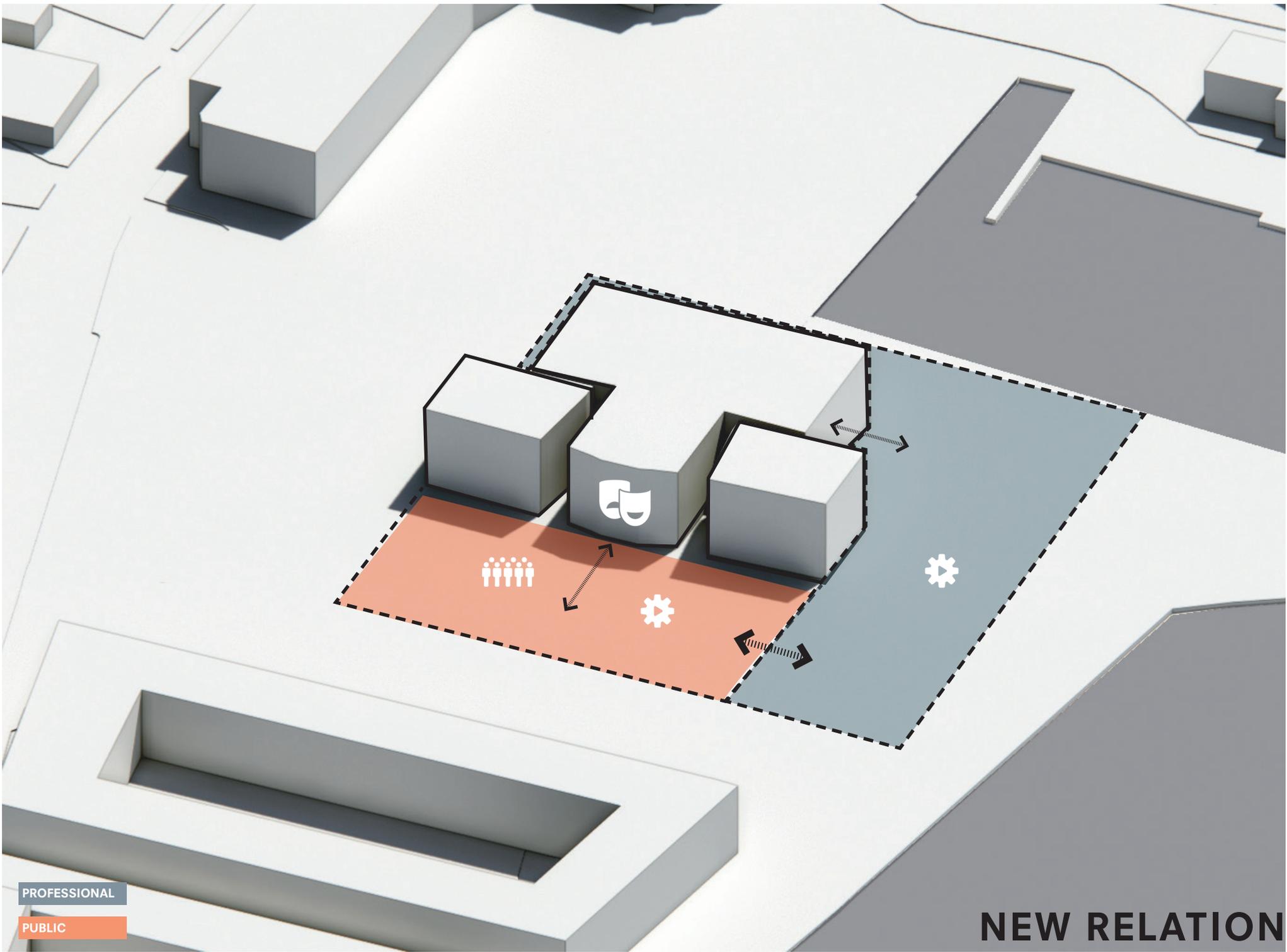
3 PERFORMANCE HALLS



PROFESSIONAL

PUBLIC

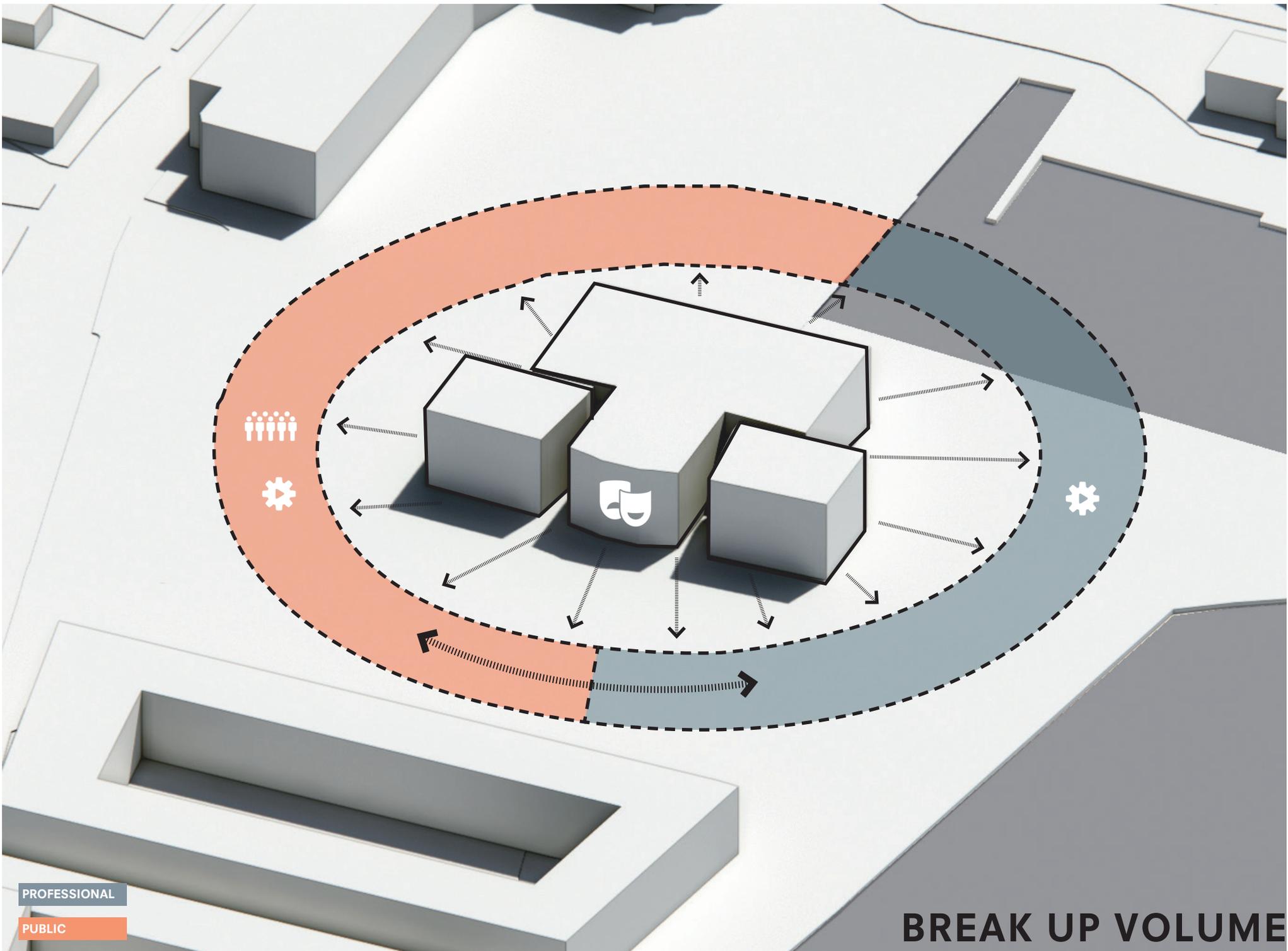
TYPICAL RELATION



PROFESSIONAL

PUBLIC

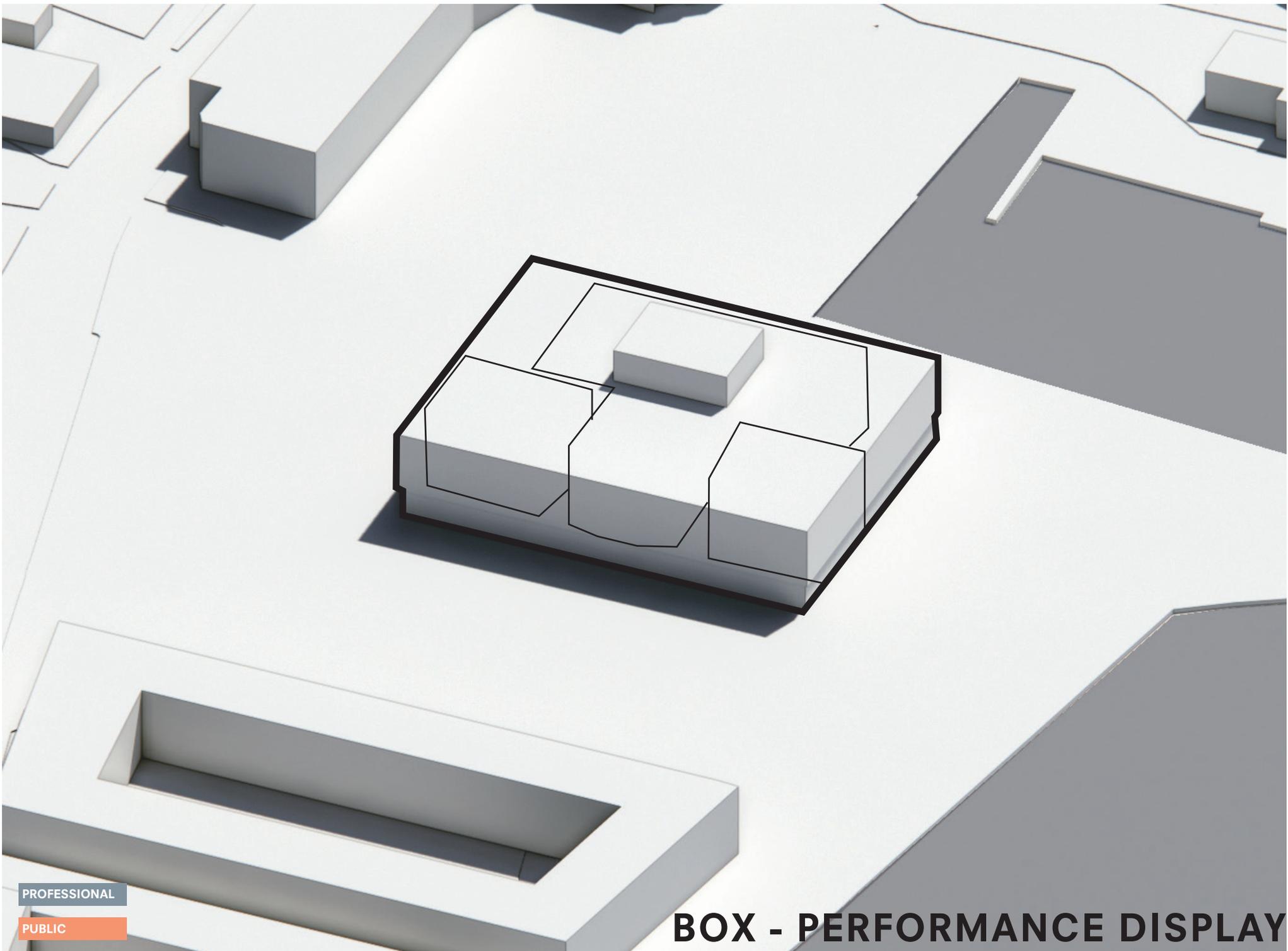
NEW RELATION



PROFESSIONAL

PUBLIC

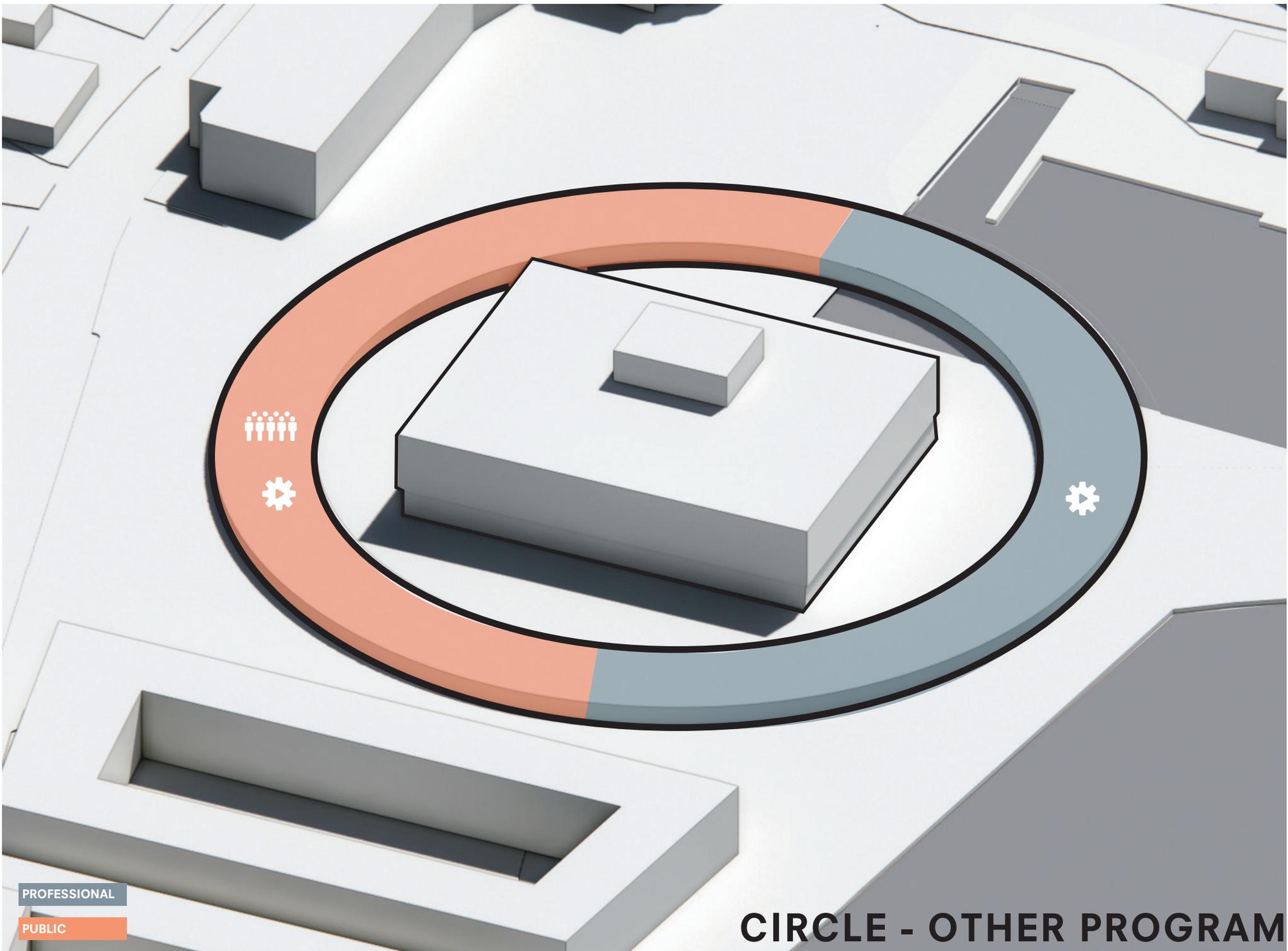
BREAK UP VOLUME



PROFESSIONAL

PUBLIC

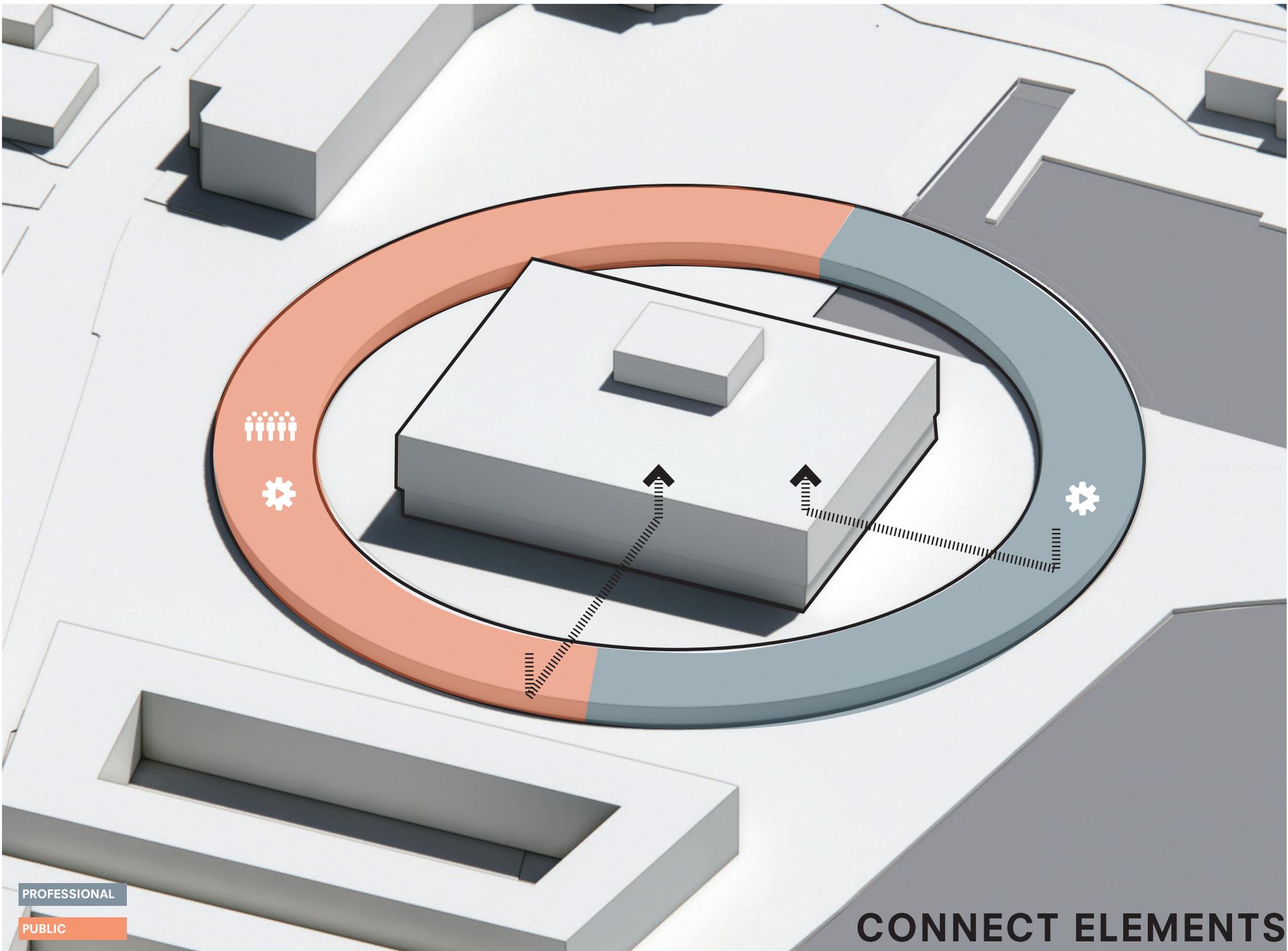
BOX - PERFORMANCE DISPLAY



PROFESSIONAL

PUBLIC

CIRCLE - OTHER PROGRAM



PROFESSIONAL

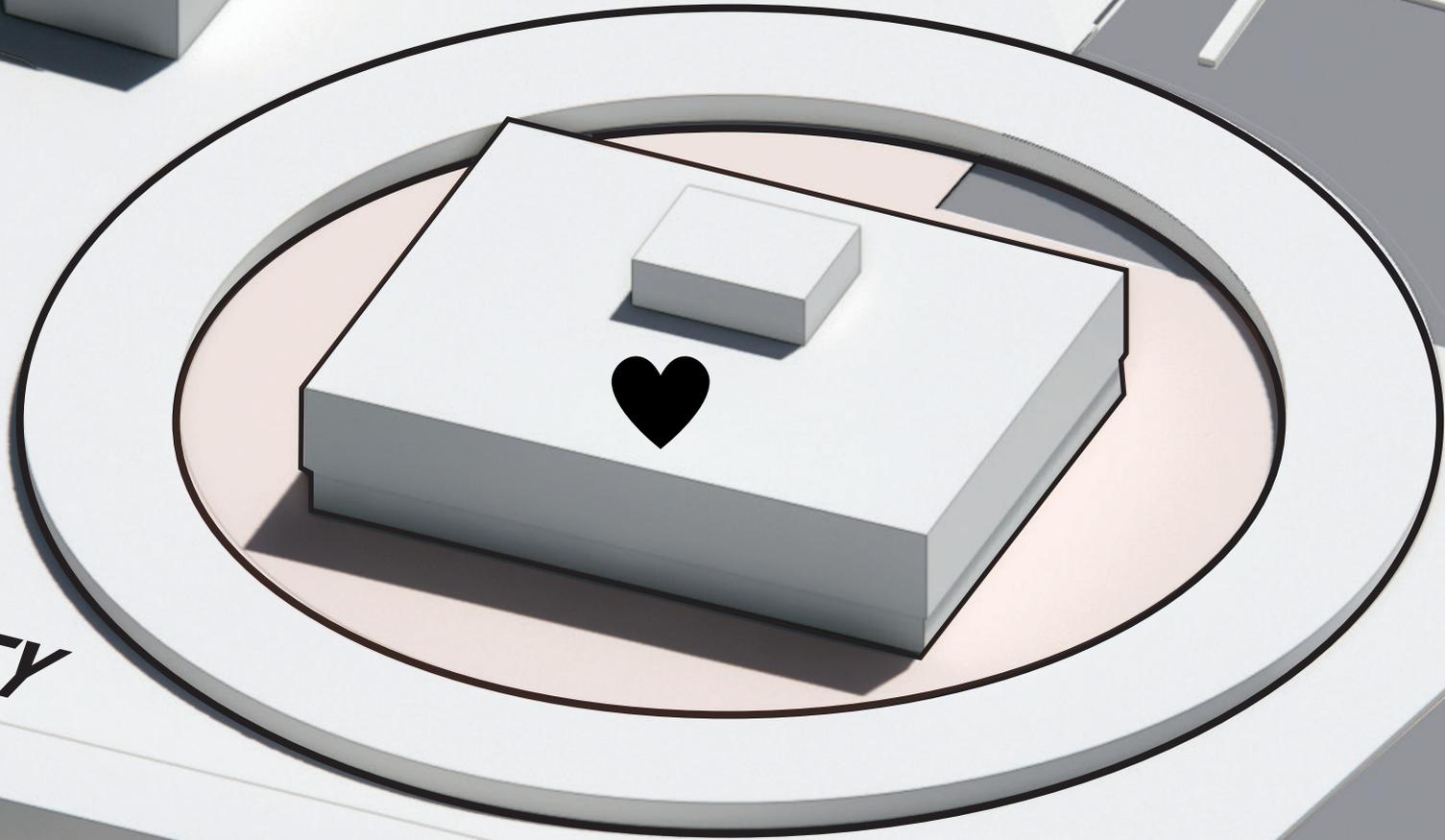
PUBLIC

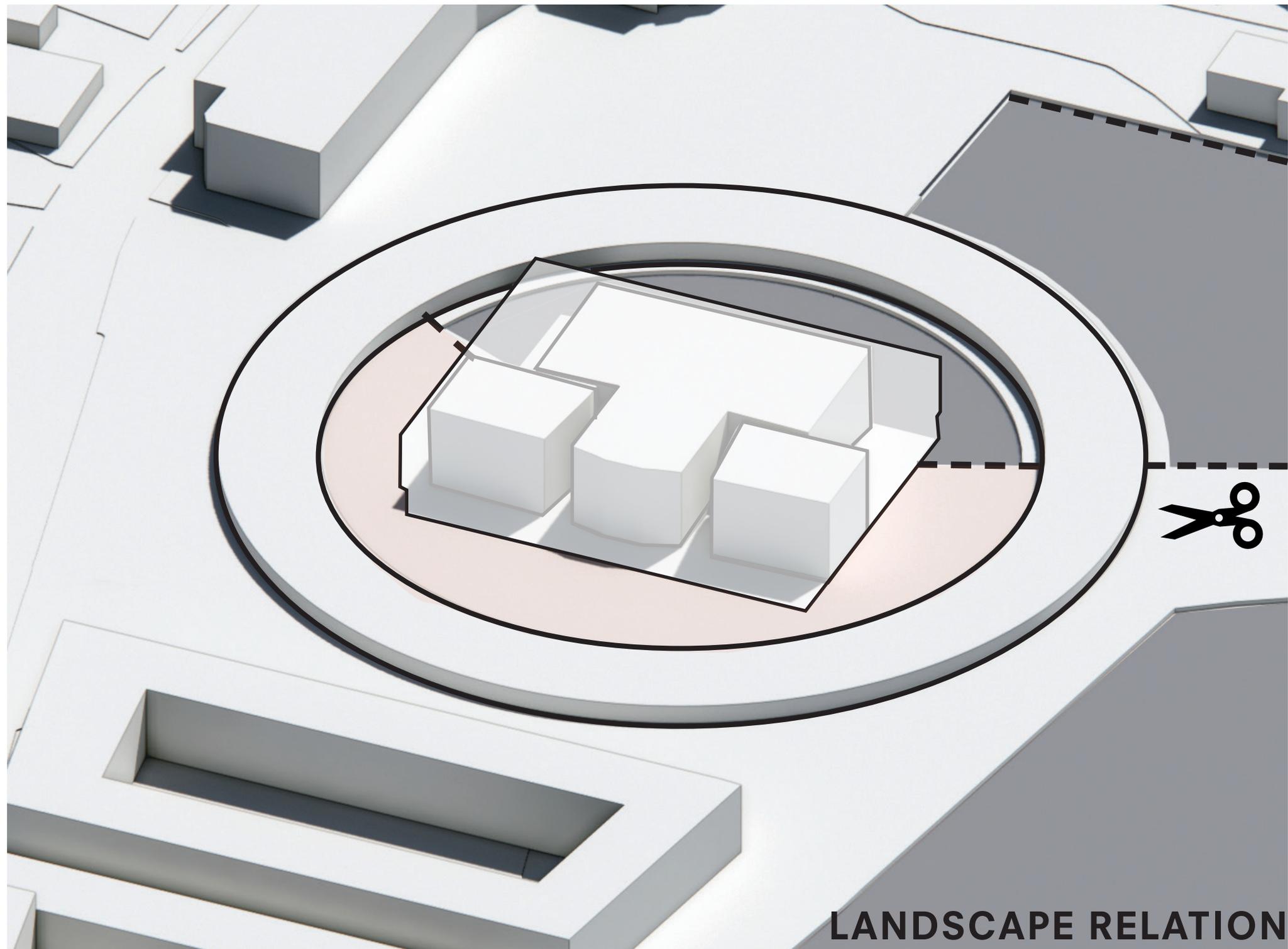
CONNECT ELEMENTS

CAMPUS

CITY

PERFORMANCE HEART



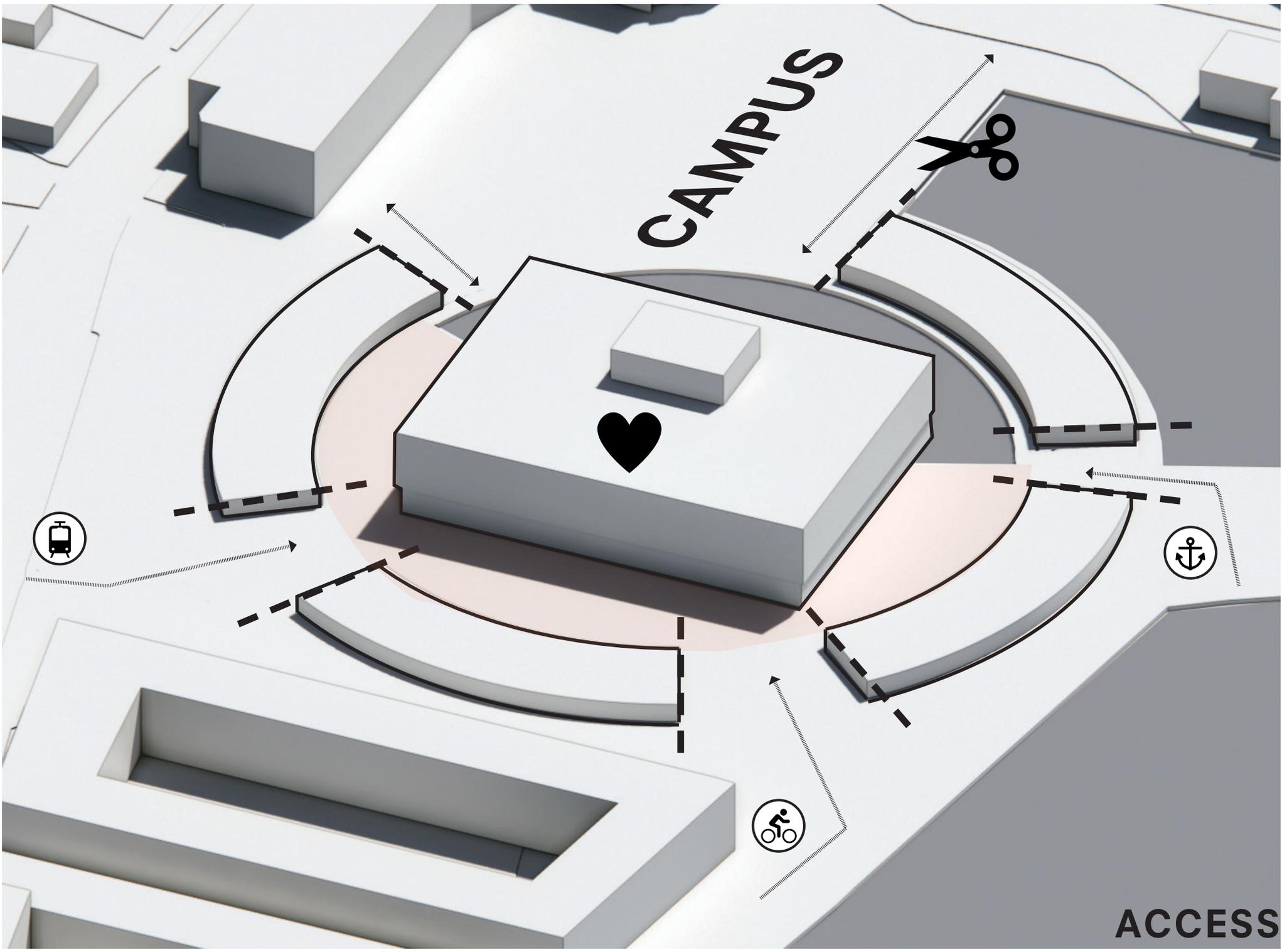


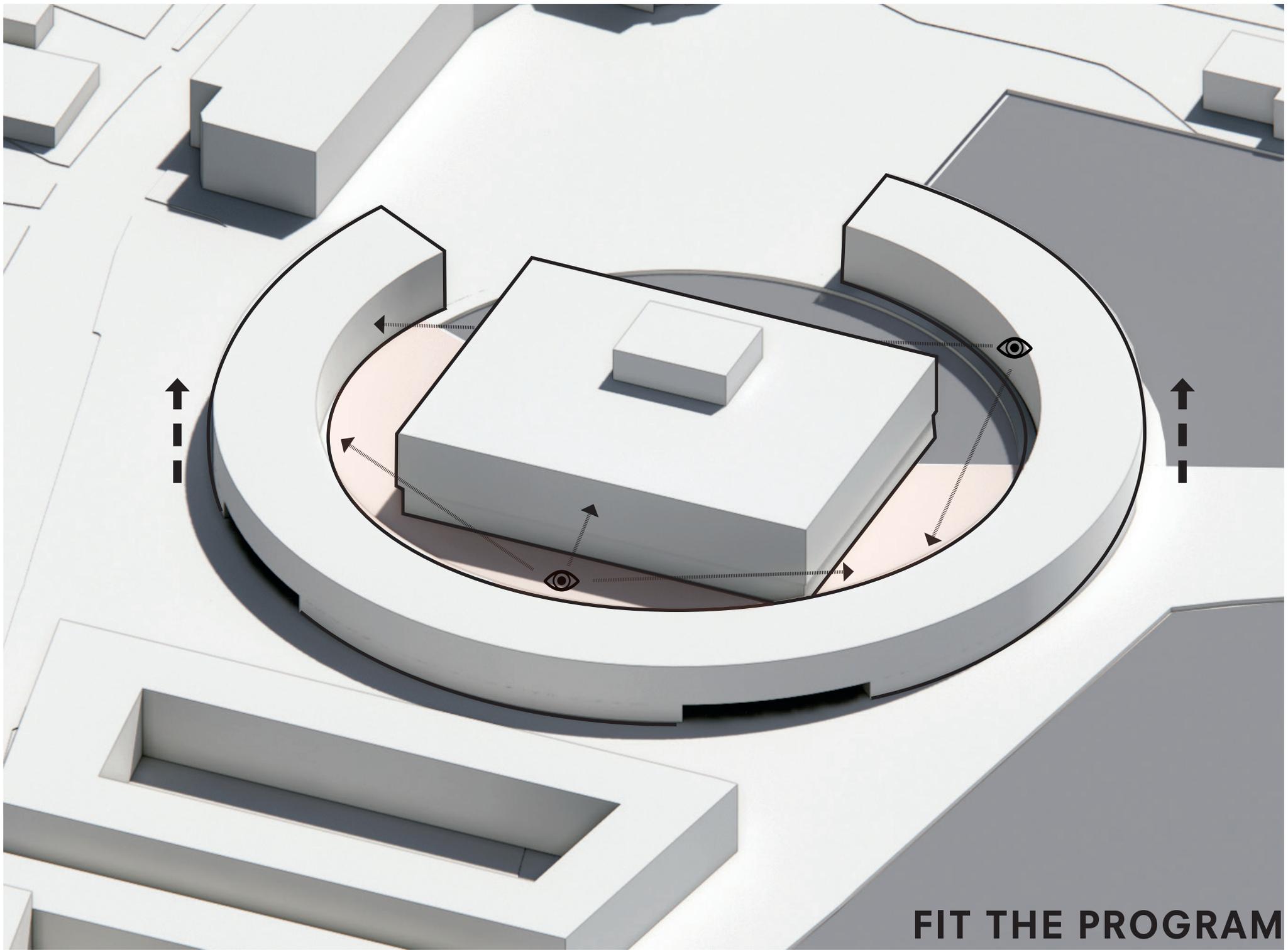
LANDSCAPE RELATION

CAMPUS

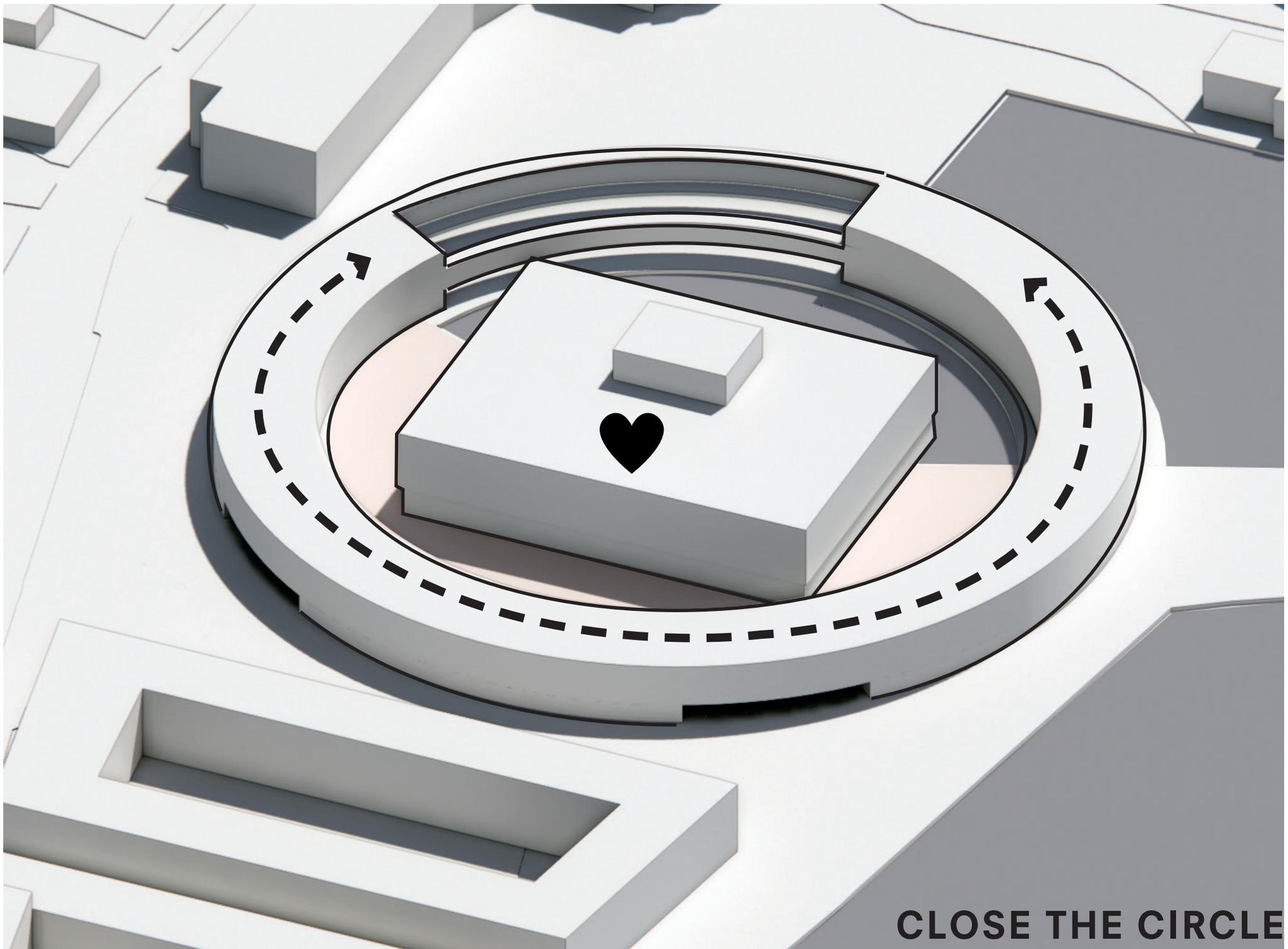


ACCESS

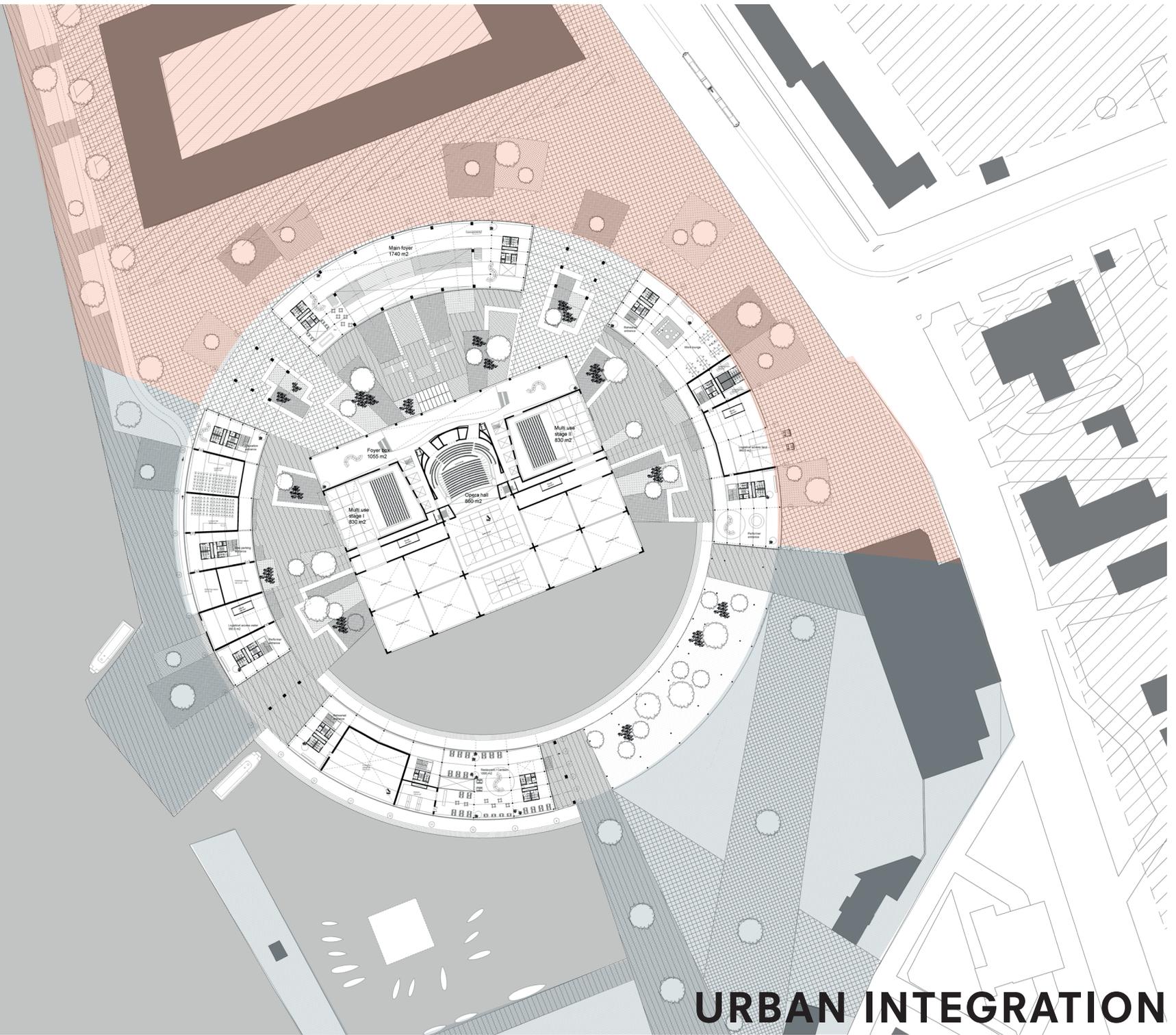




FIT THE PROGRAM



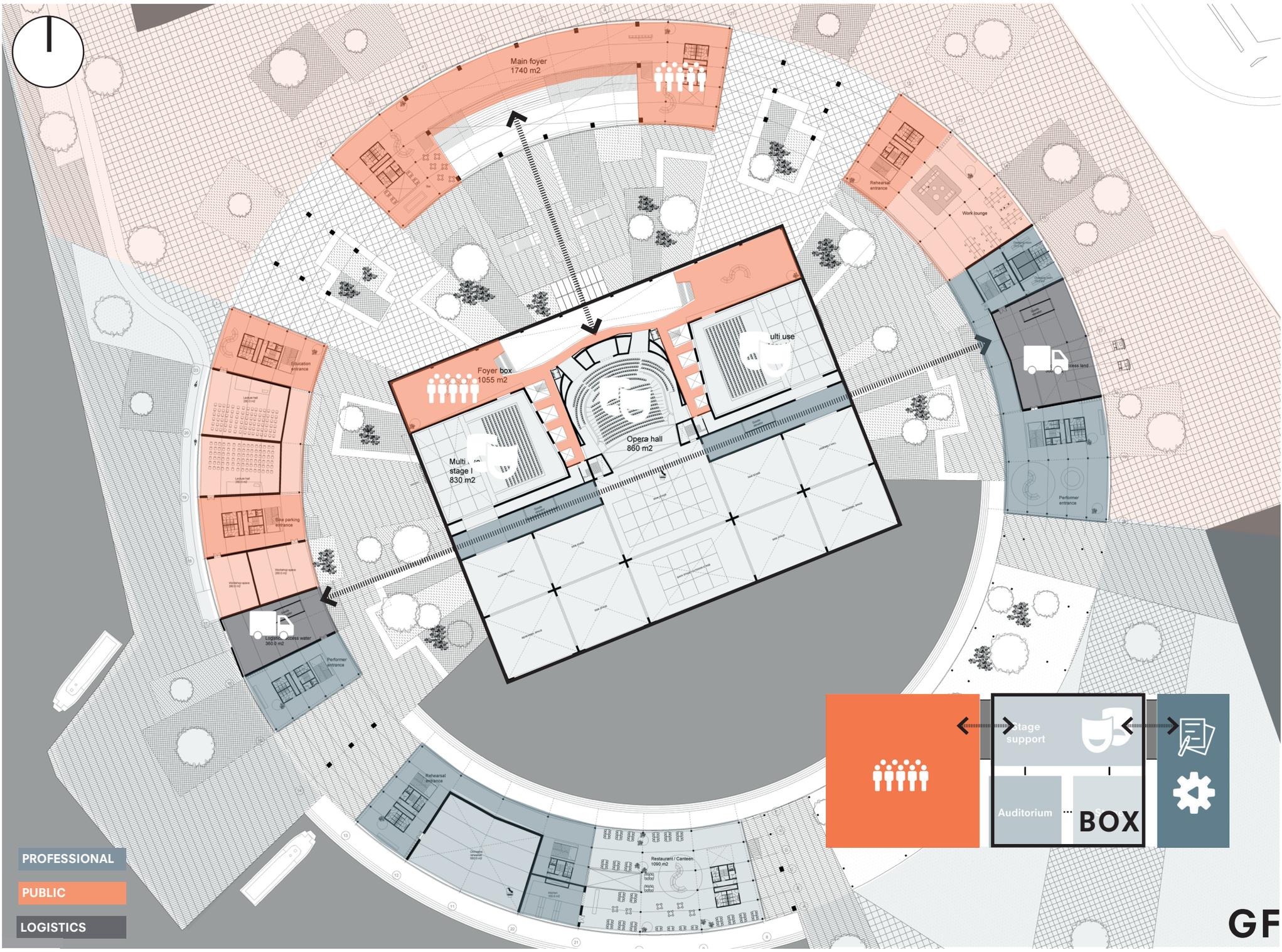
CLOSE THE CIRCLE



CAMPUS

URBAN

URBAN INTEGRATION



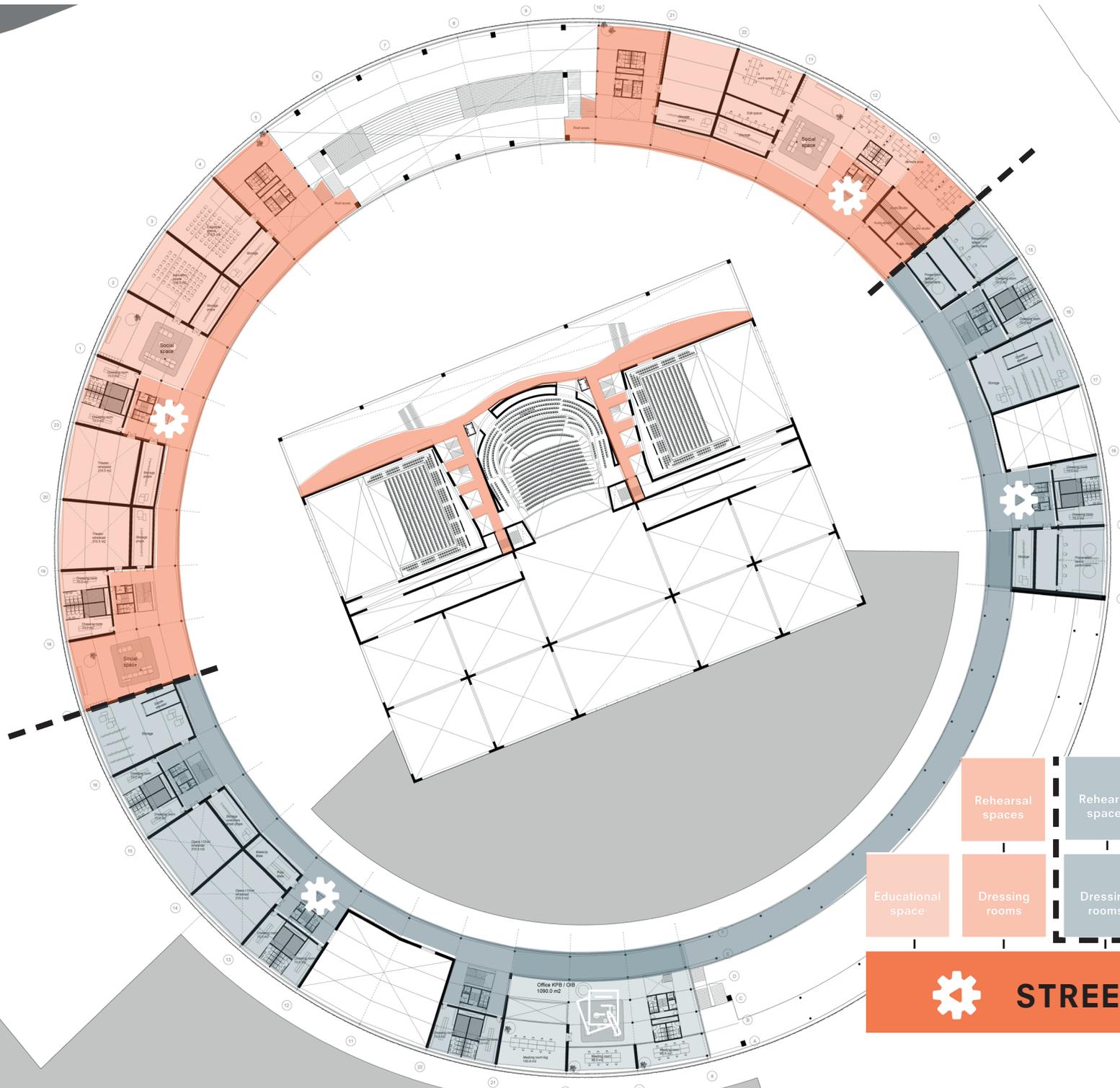
- PROFESSIONAL
- PUBLIC
- LOGISTICS

The legend consists of three main colored boxes with icons and text:

- Orange box:** Contains an icon of five people, representing the Professional zone.
- Light Blue box:** Contains an icon of a theater stage and the text "Stage support" and "Auditorium".
- Dark Blue box:** Contains a gear icon and the text "BOX".

Arrows indicate the flow and relationships between these zones.

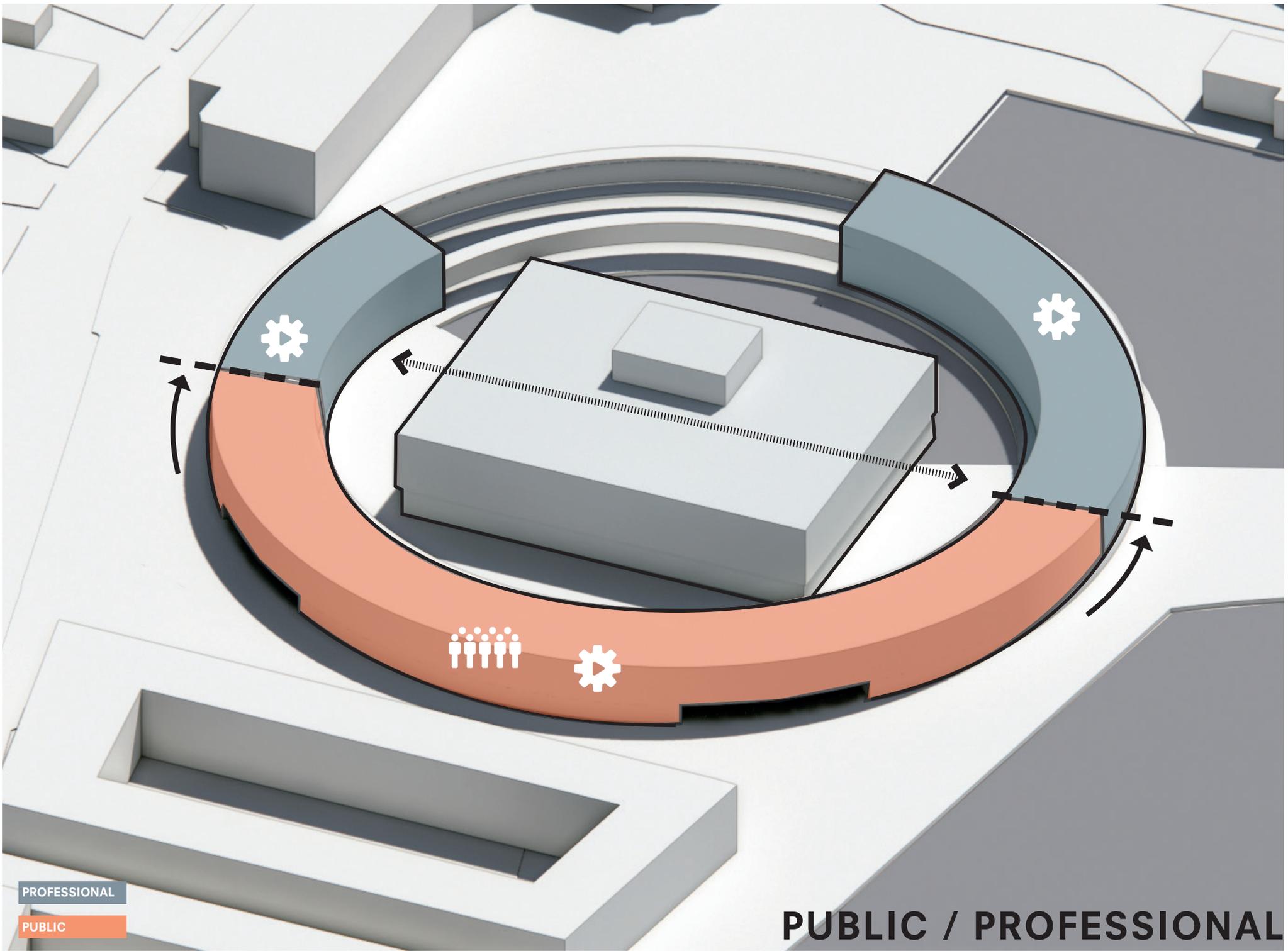
GF



- PROFESSIONAL
- PUBLIC
- LOGISTICS

Rehearsal spaces	Rehearsal spaces
Educational space	Dressing rooms
Dressing rooms	Dressing rooms
STREET	
STREET	

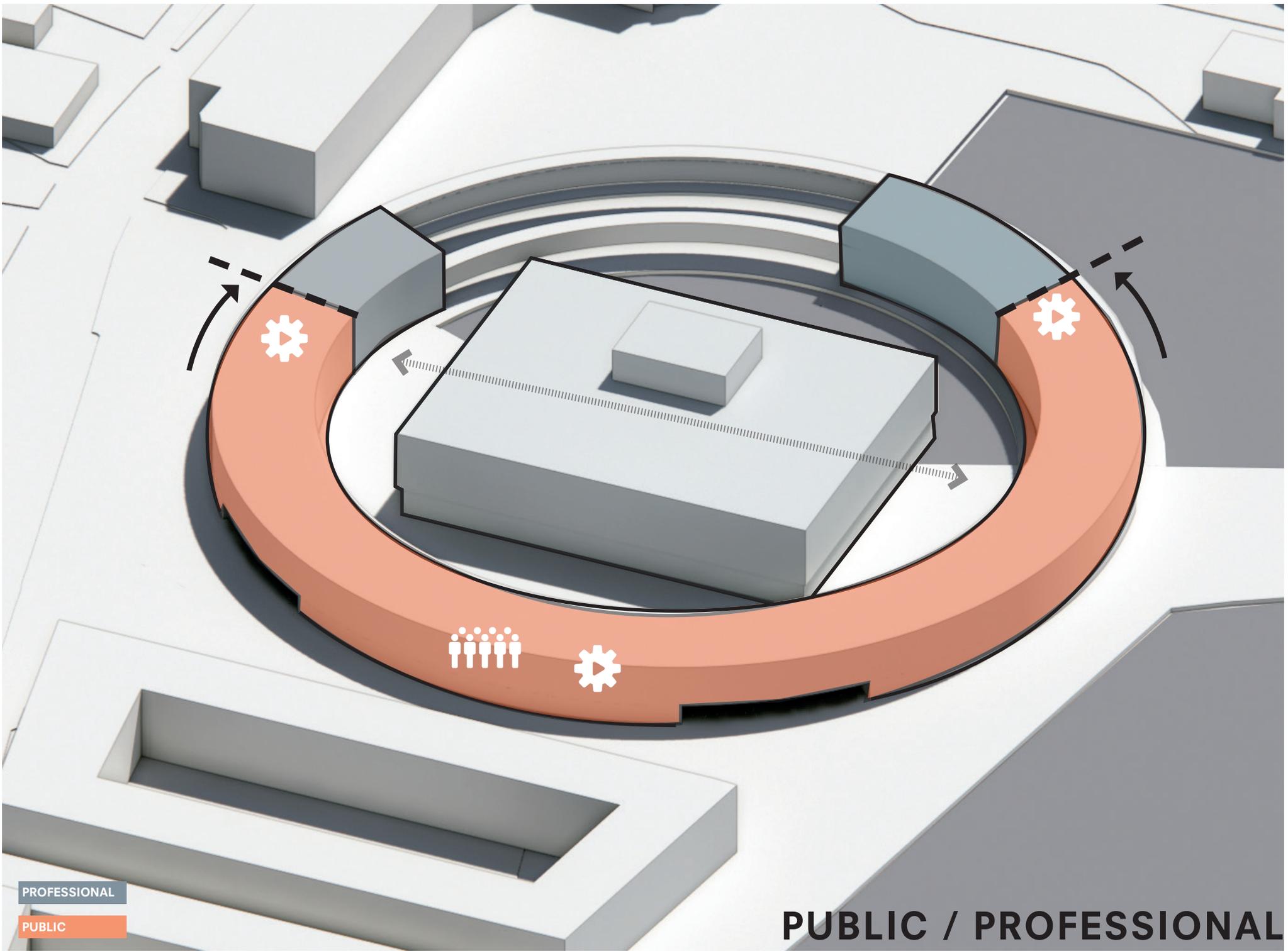
+1



PROFESSIONAL

PUBLIC

PUBLIC / PROFESSIONAL



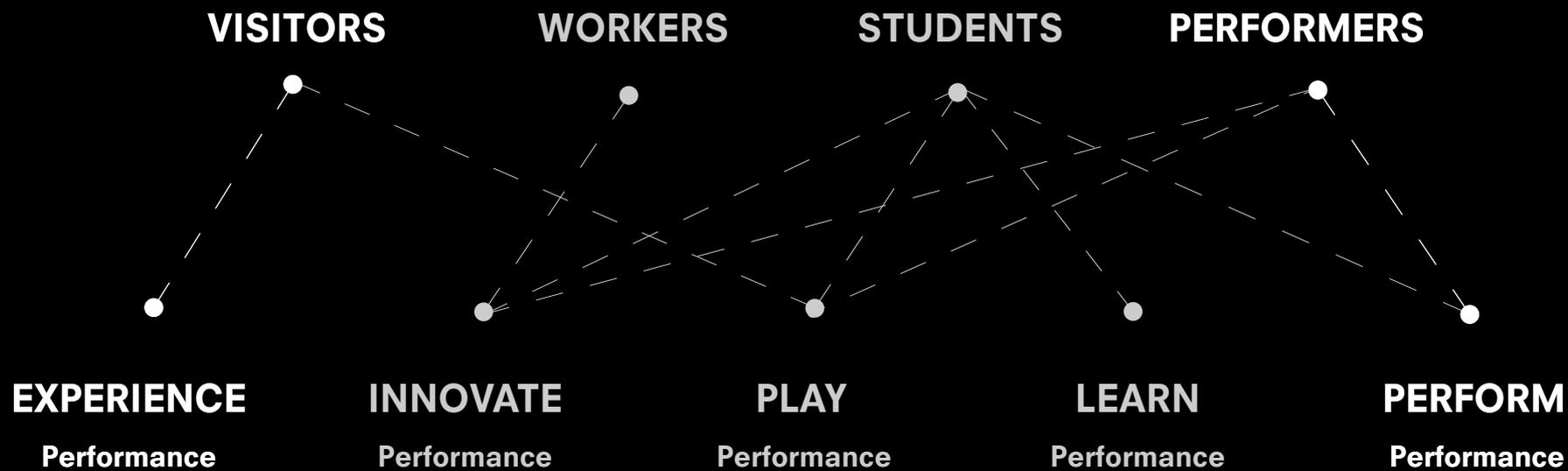
PROFESSIONAL

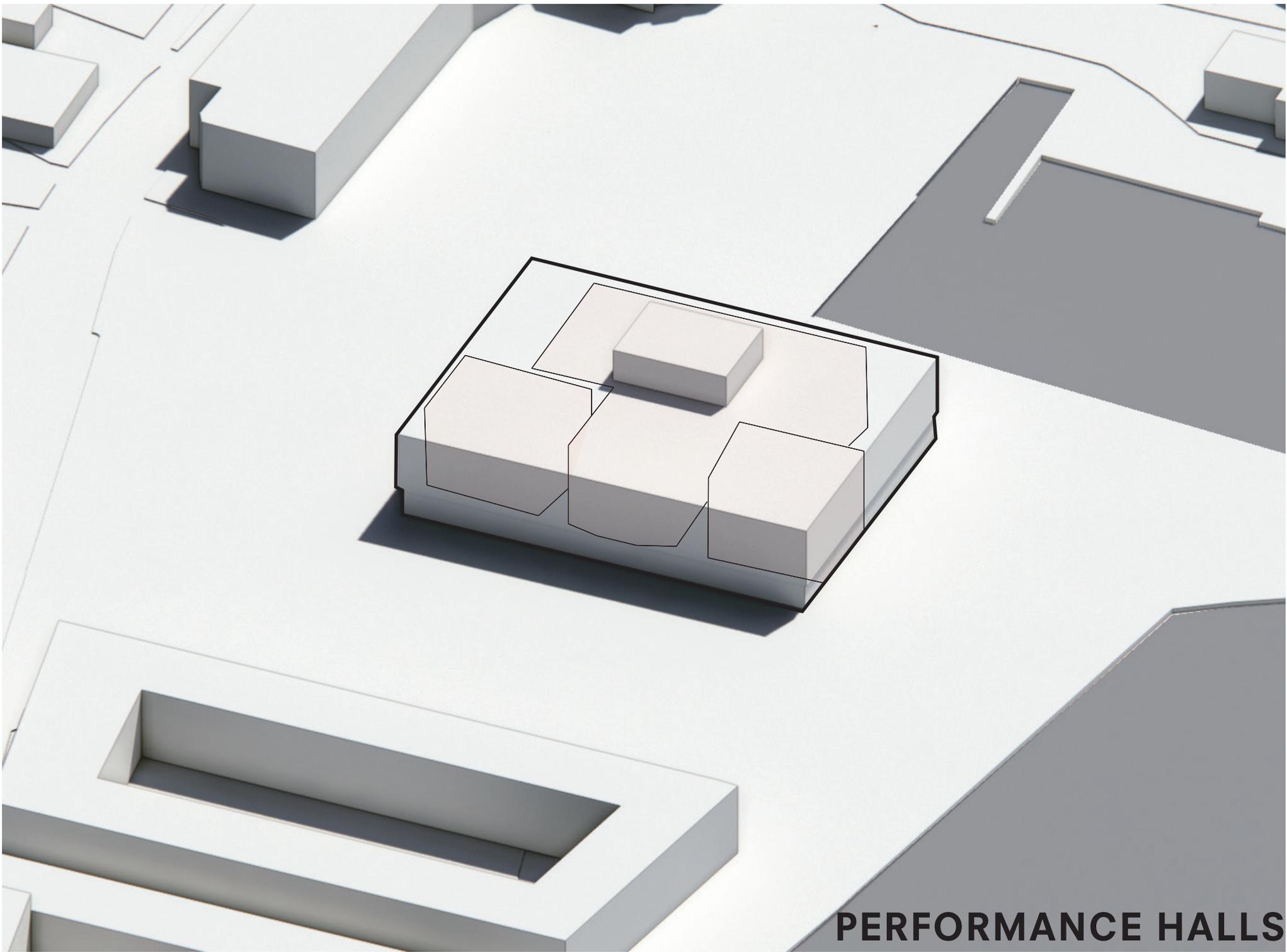
PUBLIC

PUBLIC / PROFESSIONAL

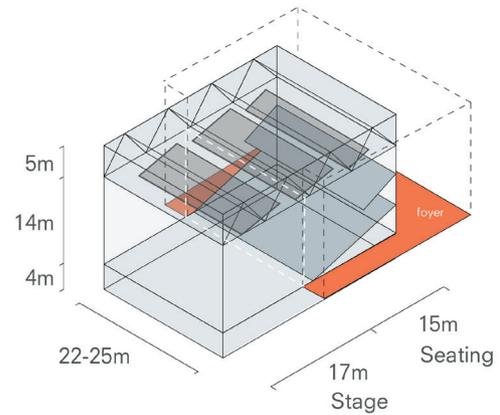
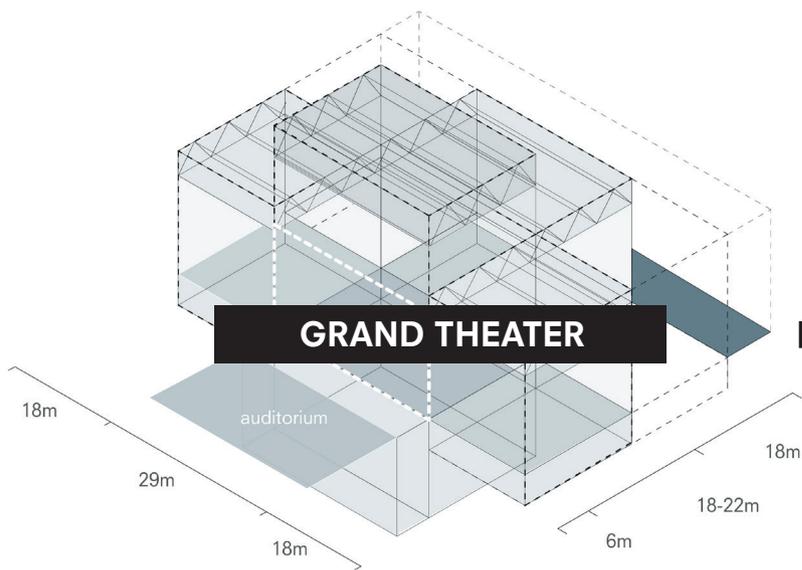
THE BOX

PERFORMANCE DISPLAY

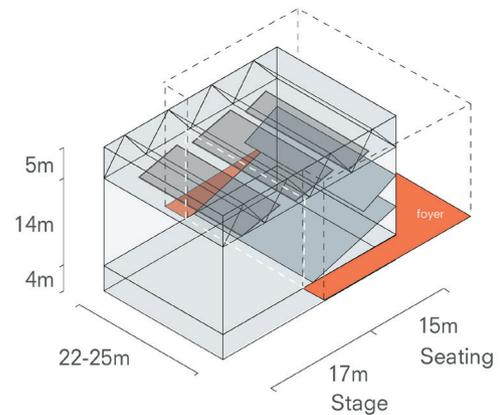




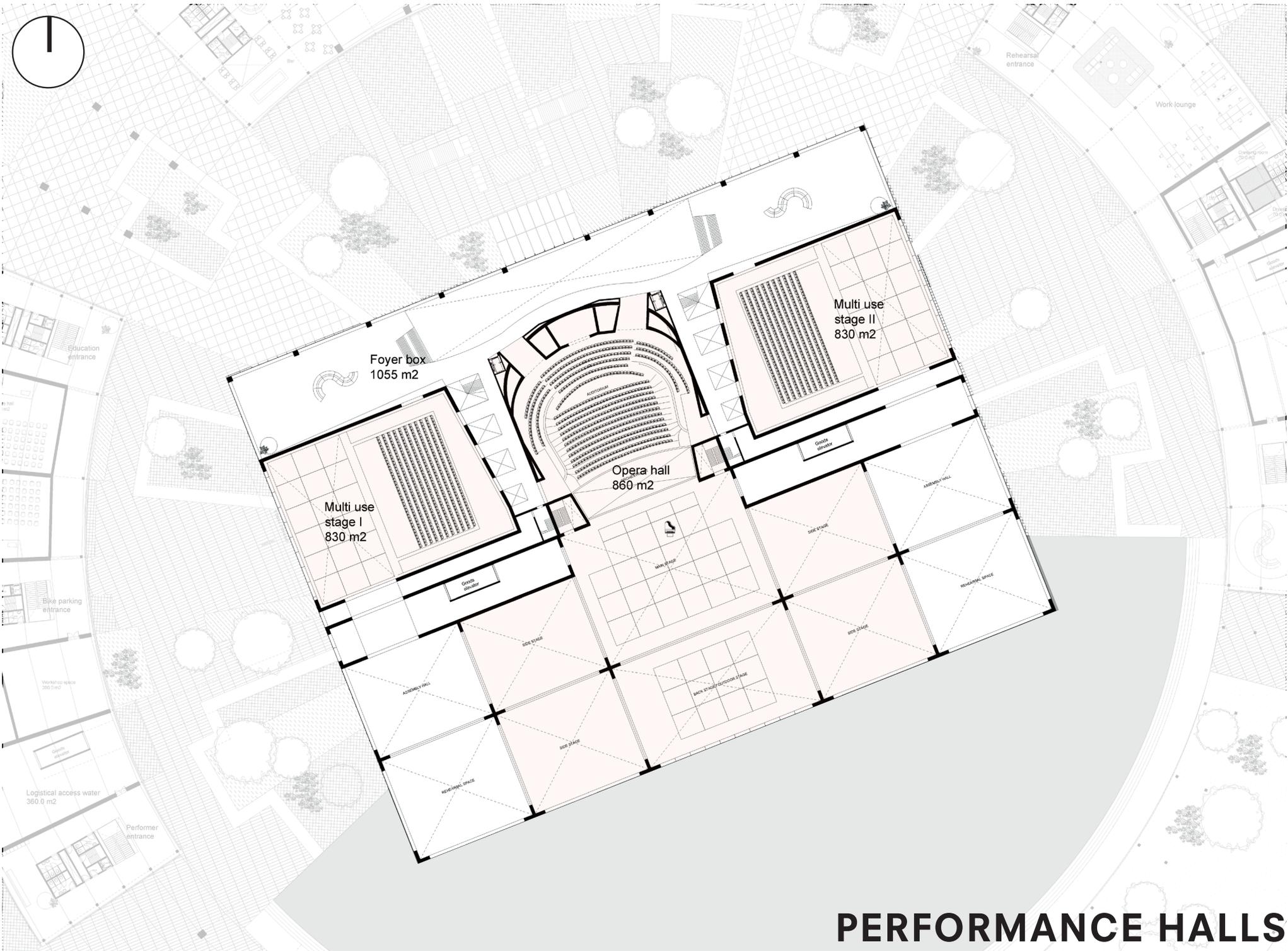
PERFORMANCE HALLS



2 X MULTI-USE STAGE



PERFORMANCE HALLS



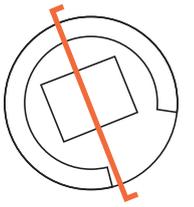
Foyer box
1055 m2

Multi use
stage I
830 m2

Opera hall
860 m2

Multi use
stage II
830 m2

PERFORMANCE HALLS

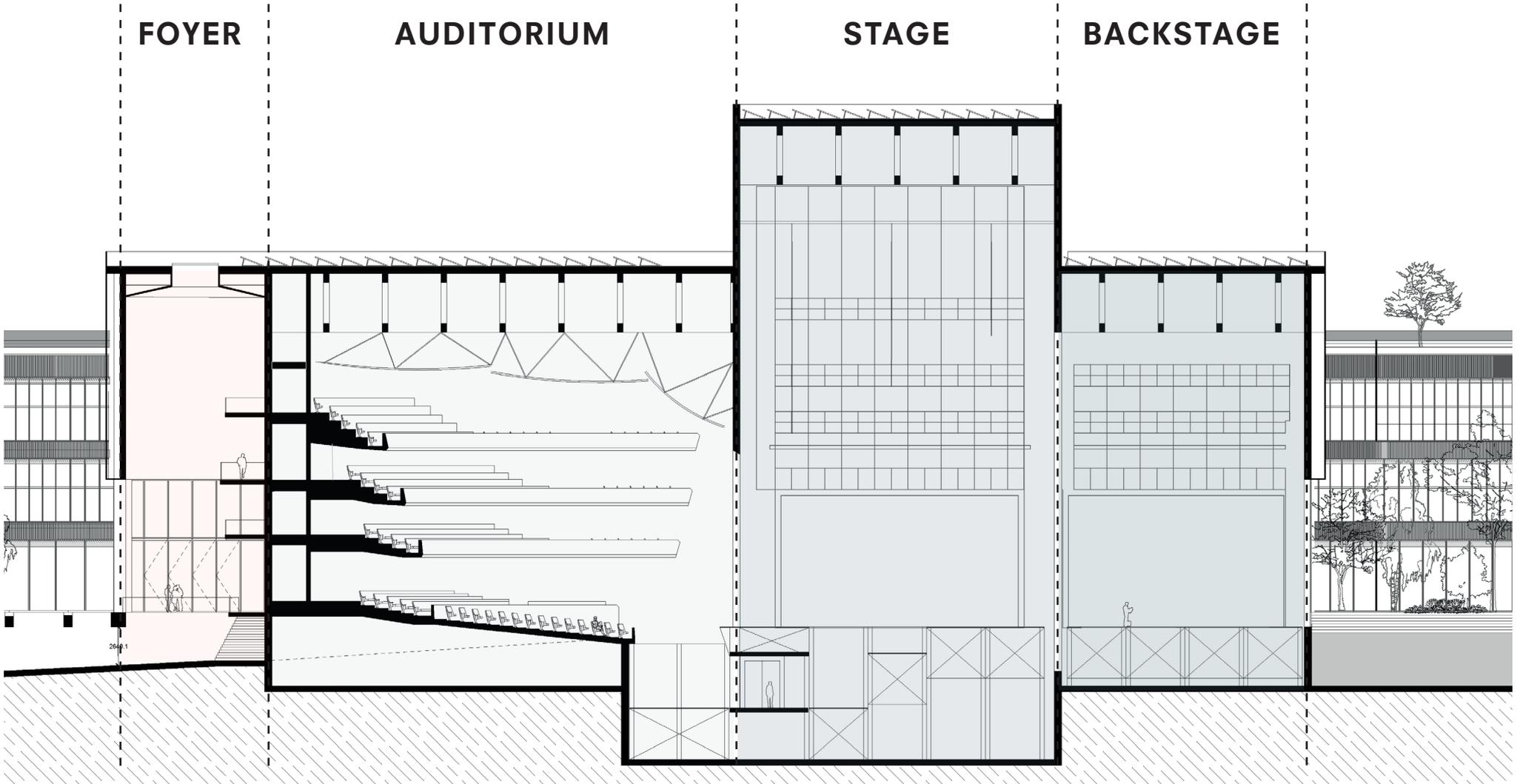


FOYER

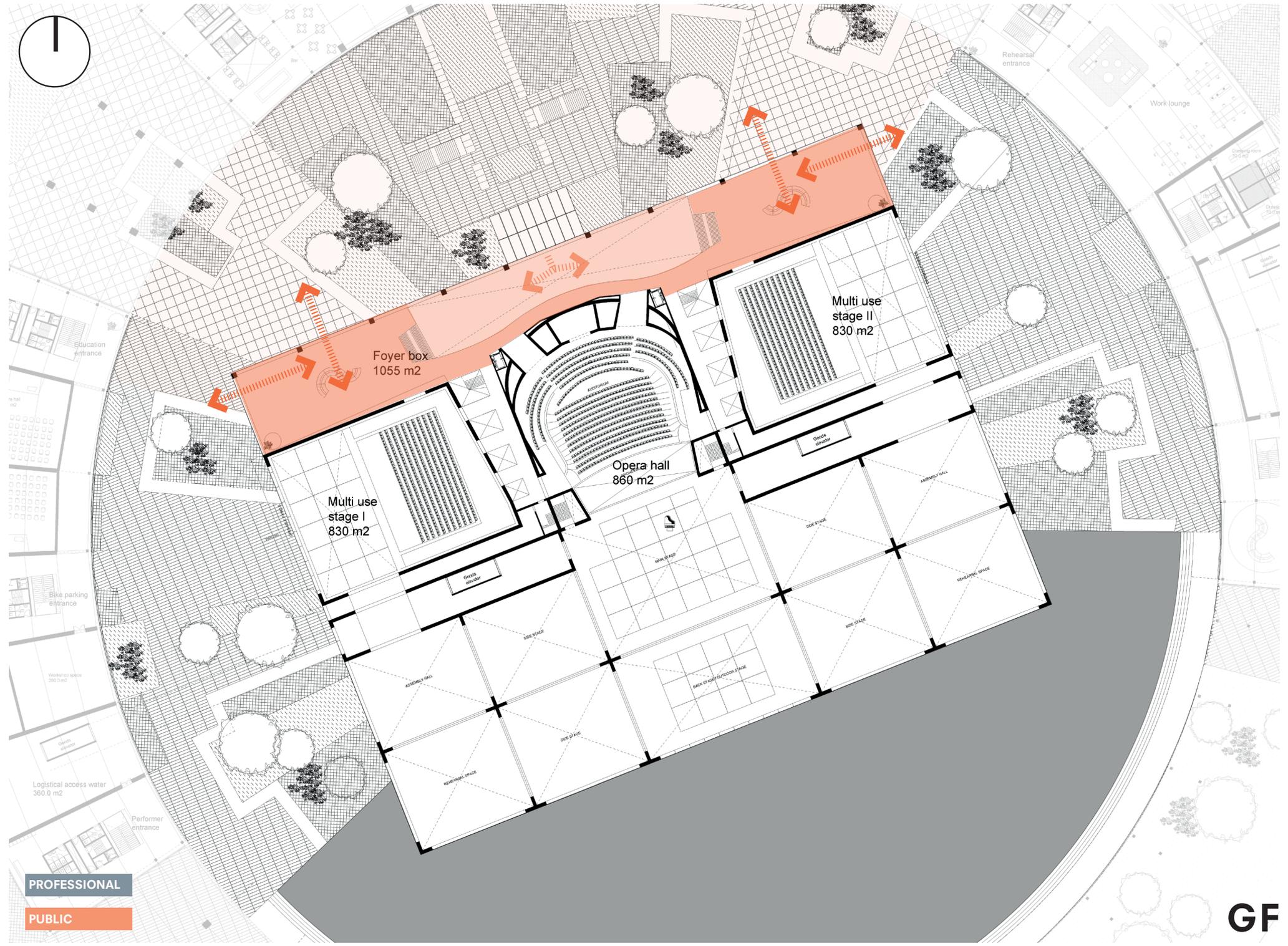
AUDITORIUM

STAGE

BACKSTAGE



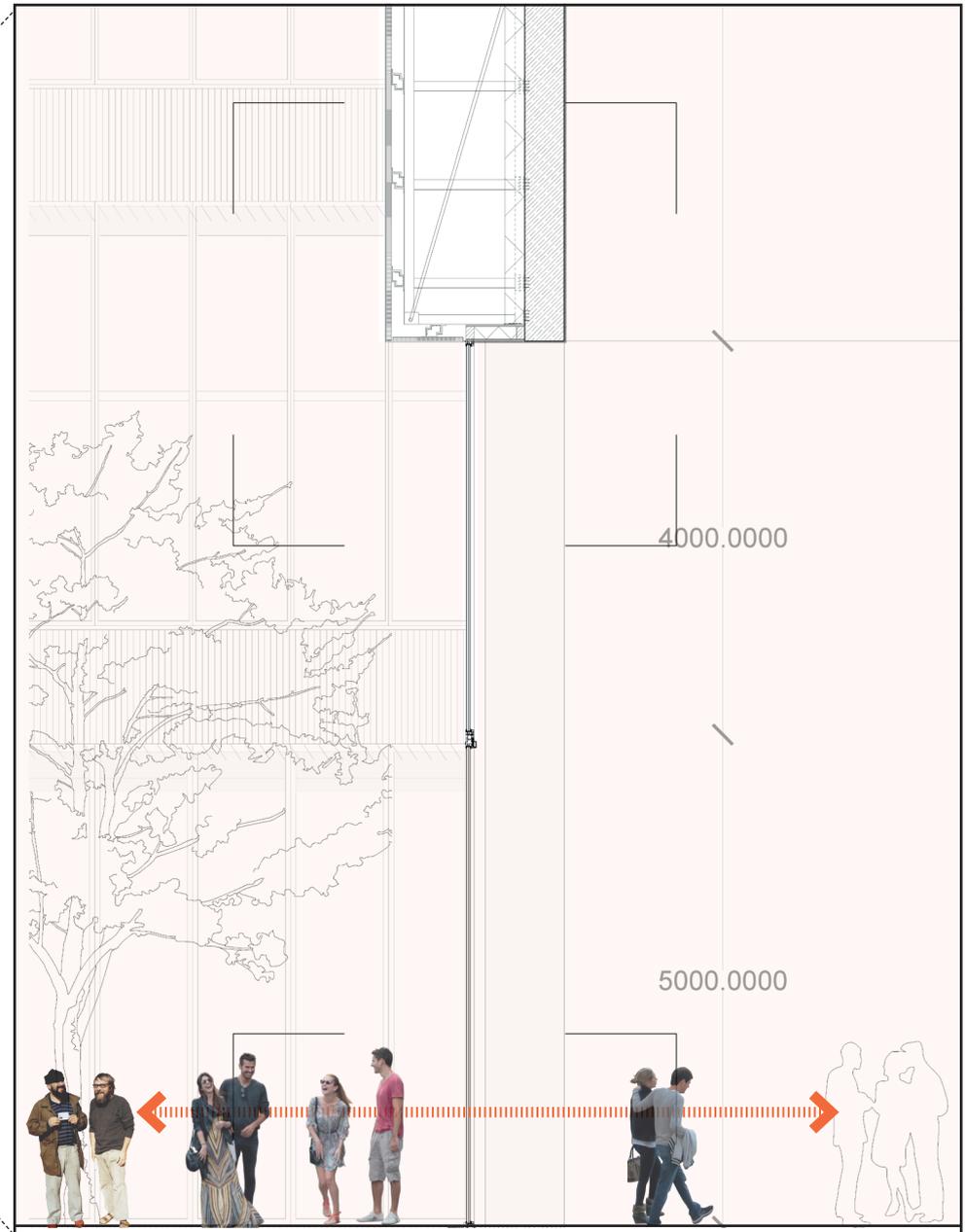
ORGANIZATION



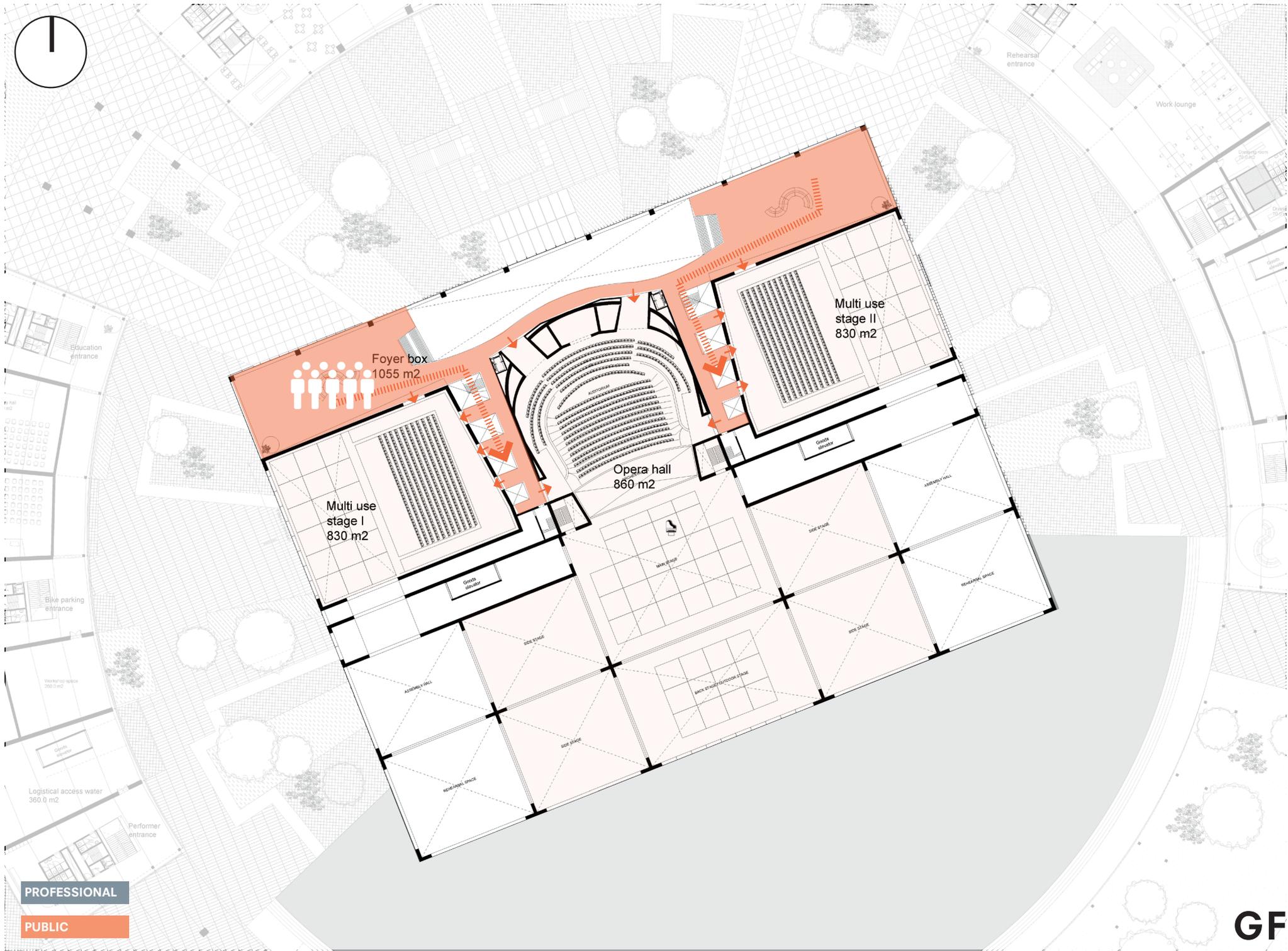
PROFESSIONAL

PUBLIC

GF



COURTYARD ACCESS



Foyer box
1055 m²



Multi use
stage I
830 m²

Opera hall
860 m²

Multi use
stage II
830 m²

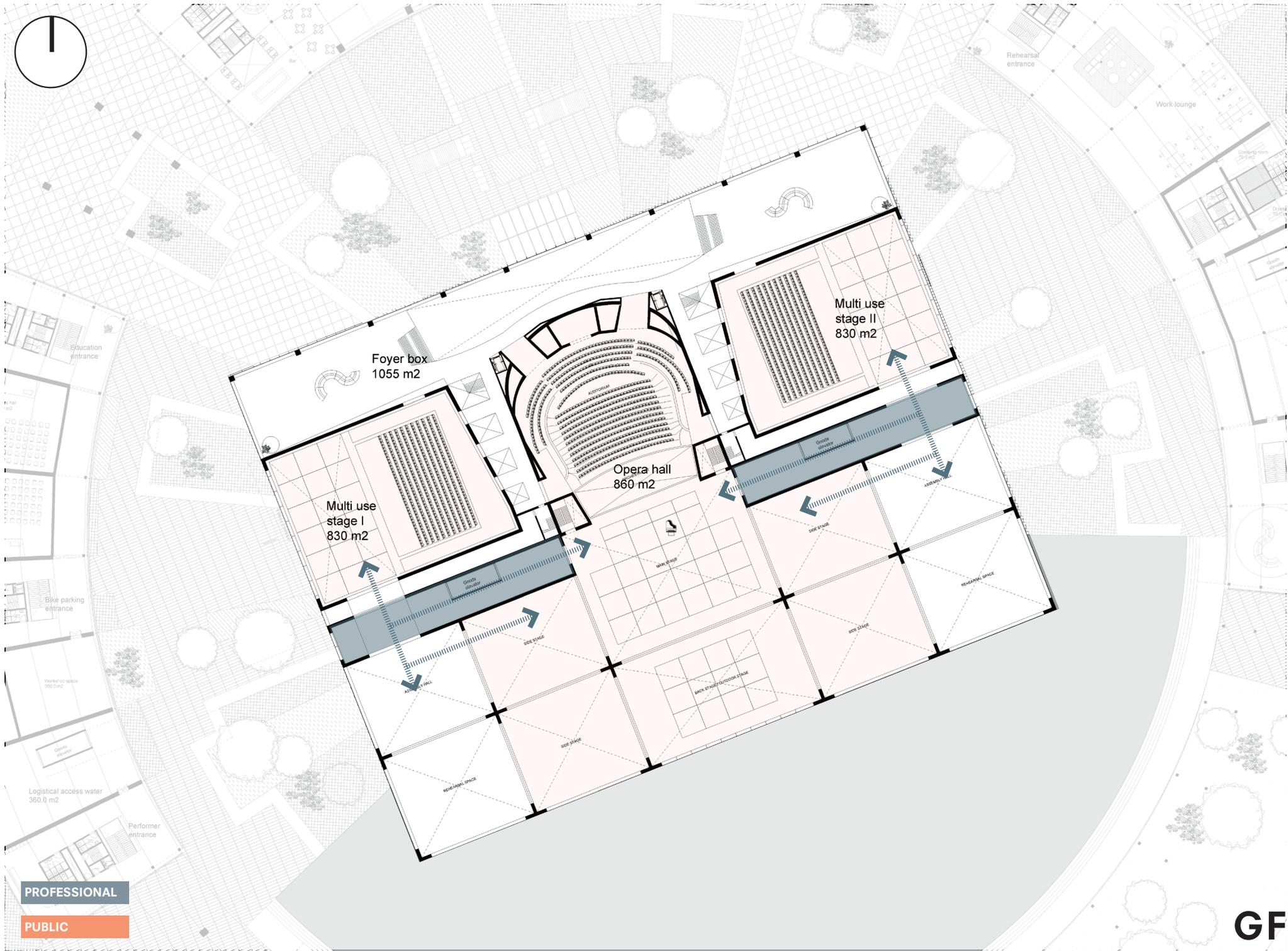
PROFESSIONAL

PUBLIC

GF



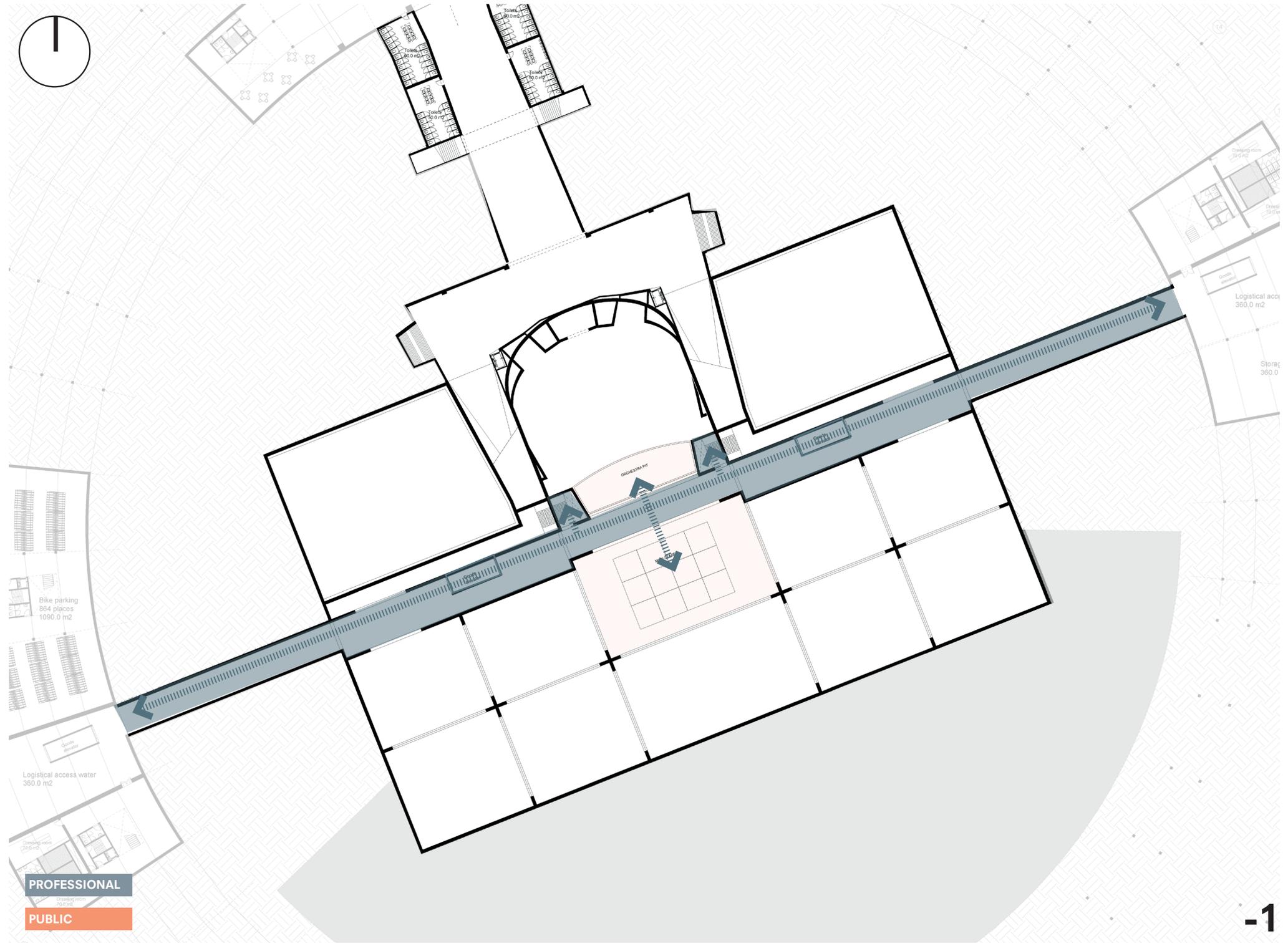
GF



PROFESSIONAL

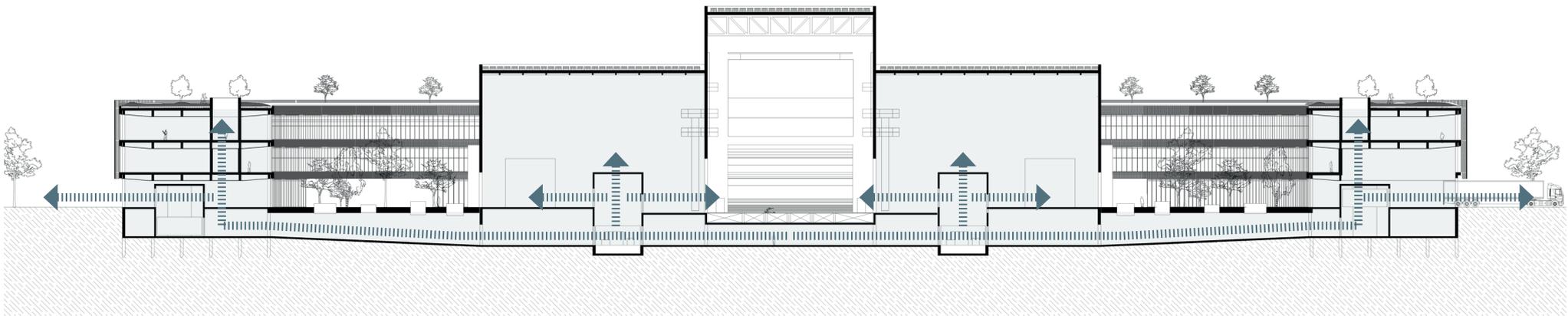
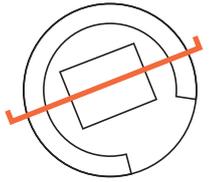
PUBLIC

GF



PROFESSIONAL

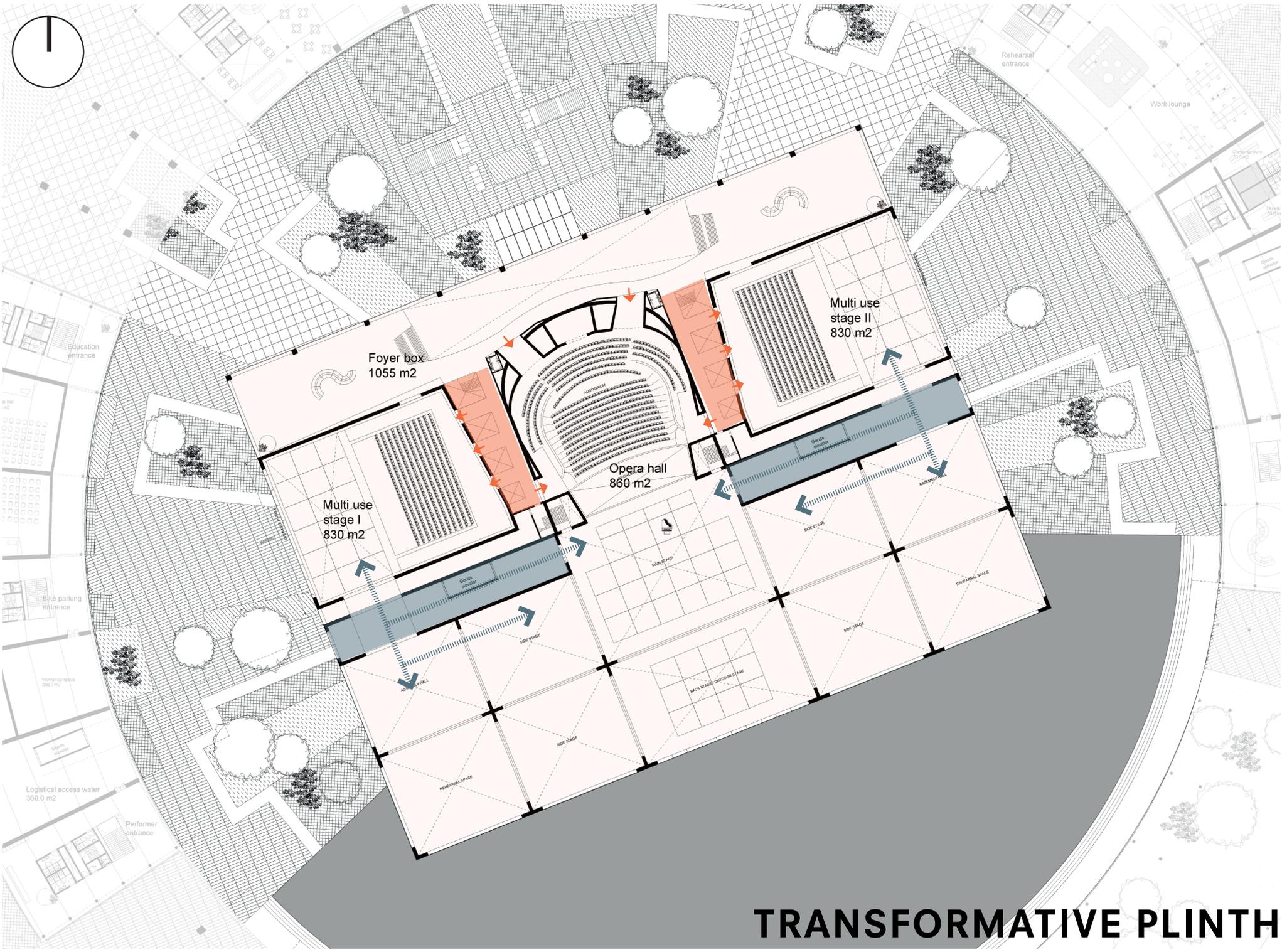
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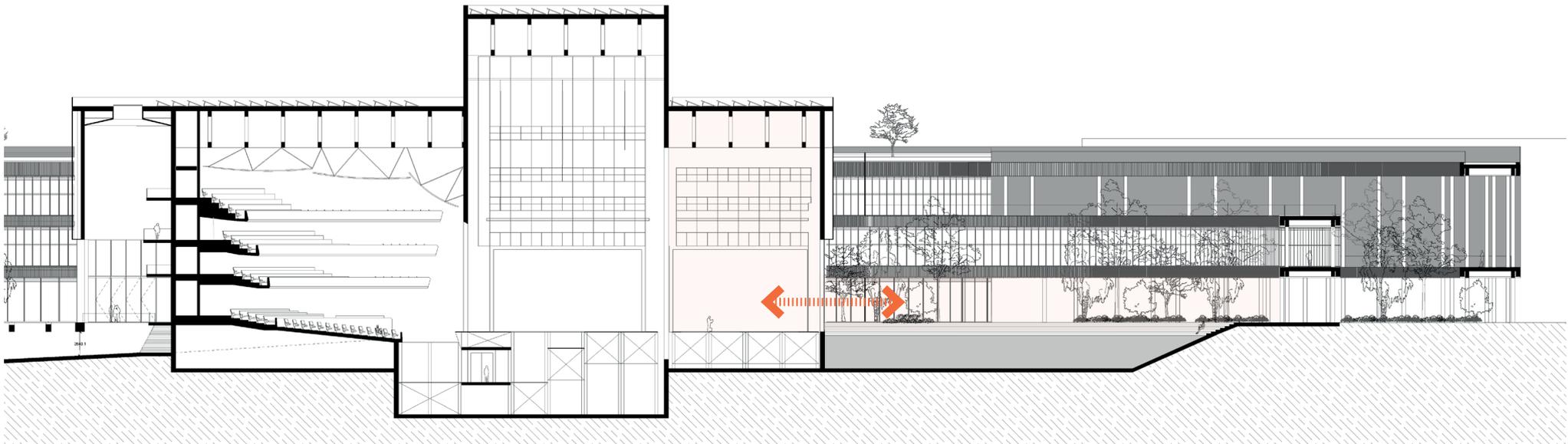
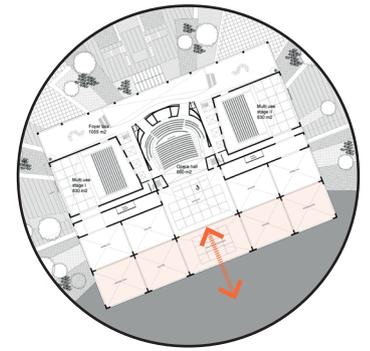
PROFESSIONAL

PUBLIC

PERFORMER ACCESS



TRANSFORMATIVE PLINTH

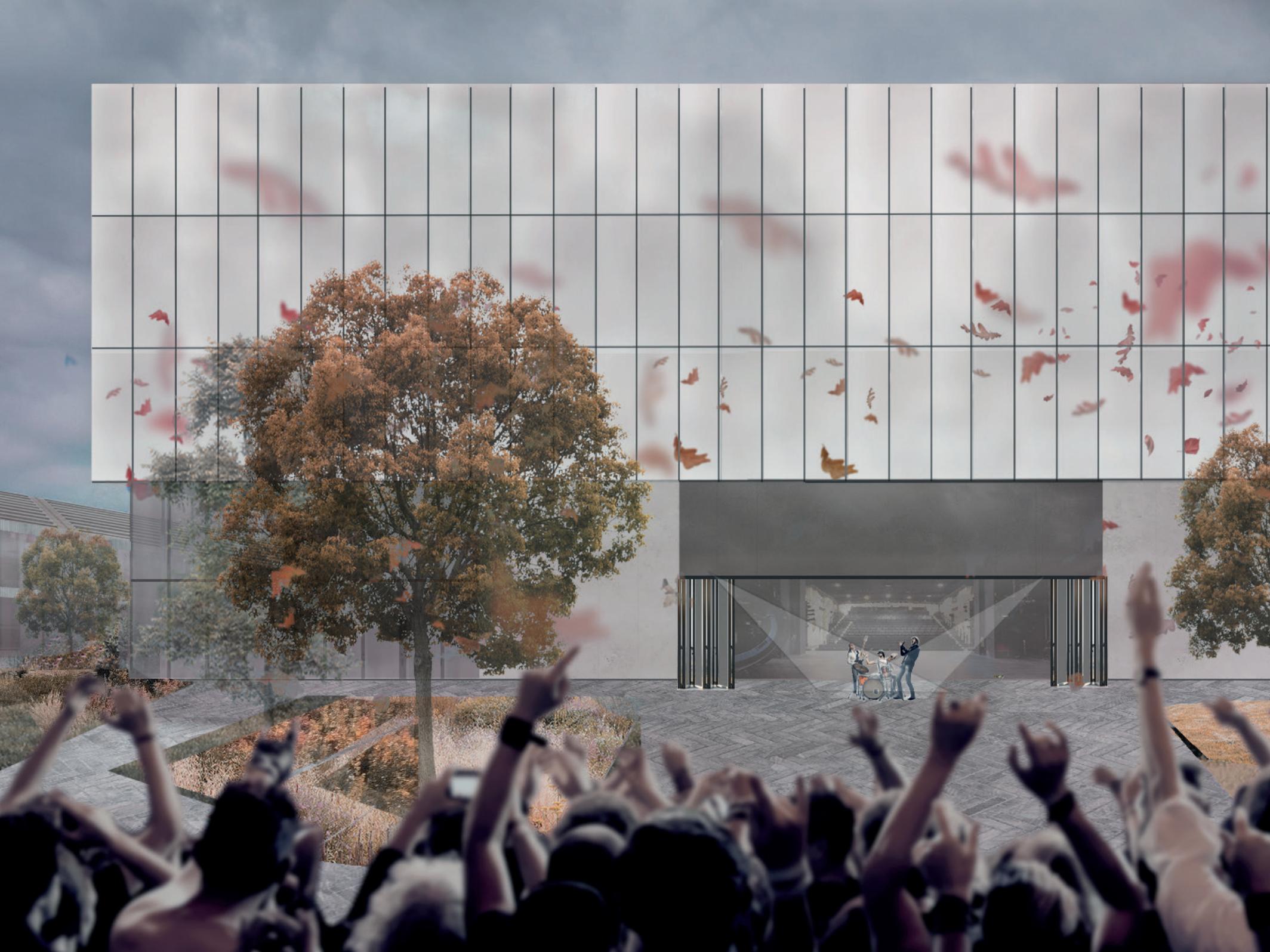


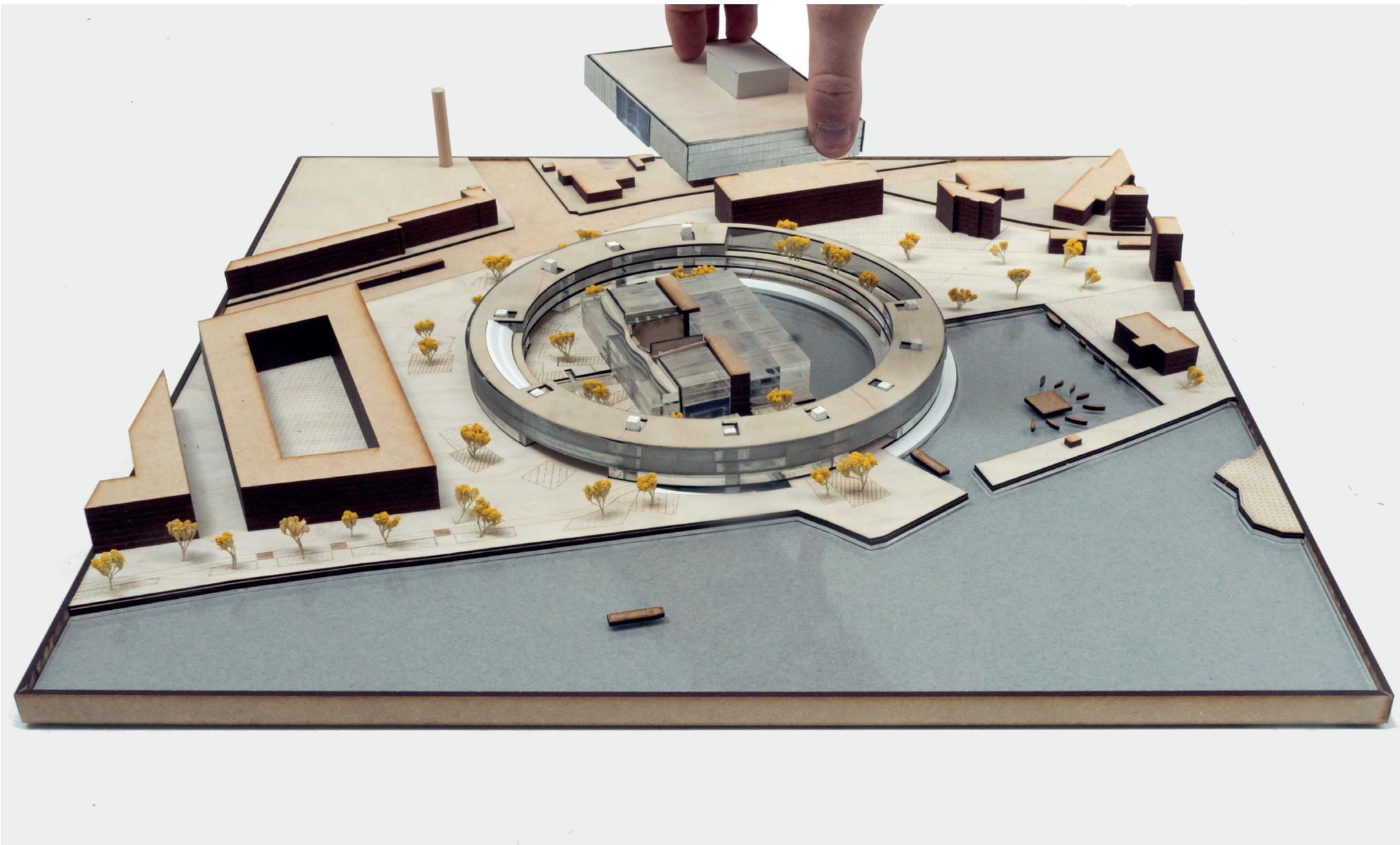
WATER PERFORMANCE

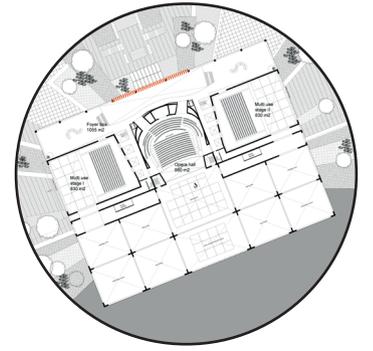
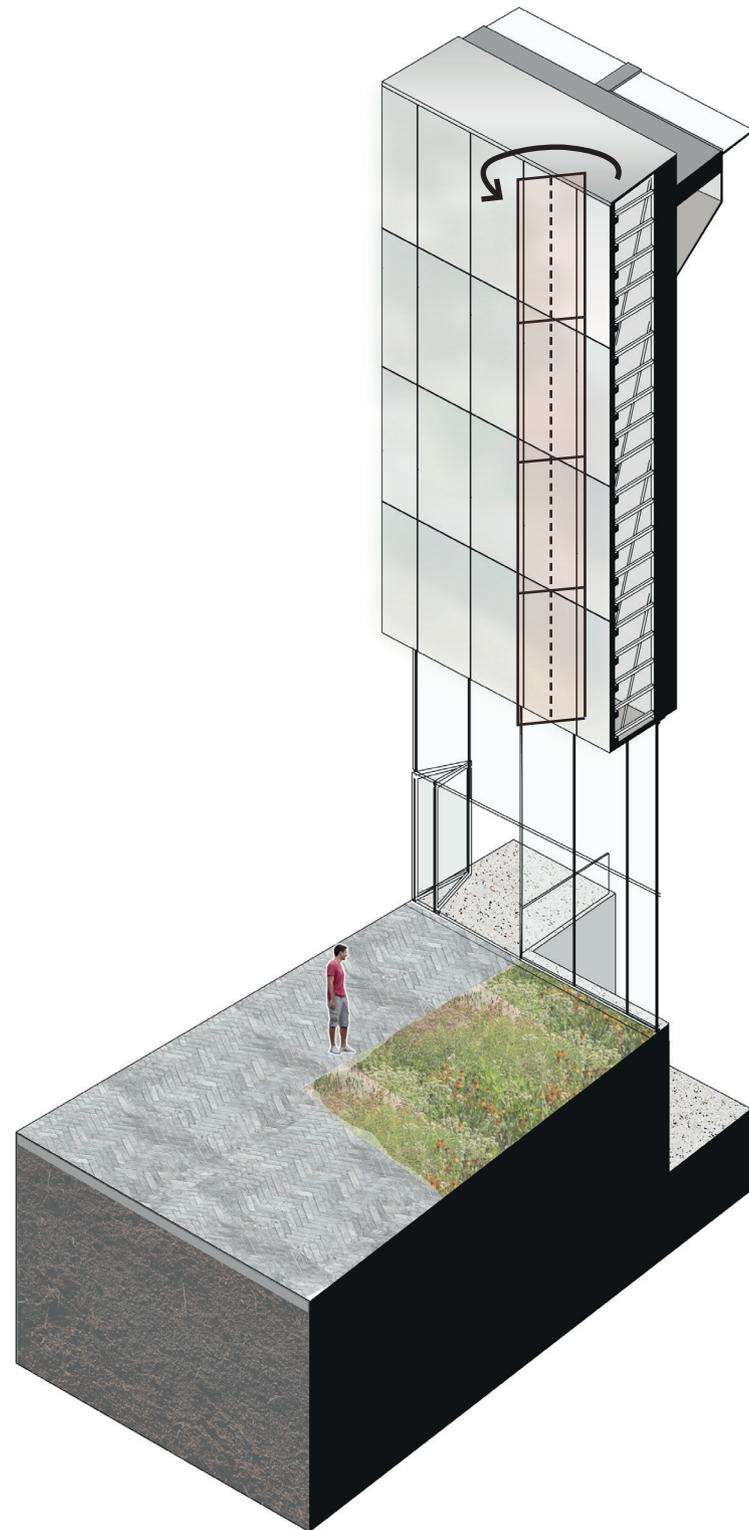




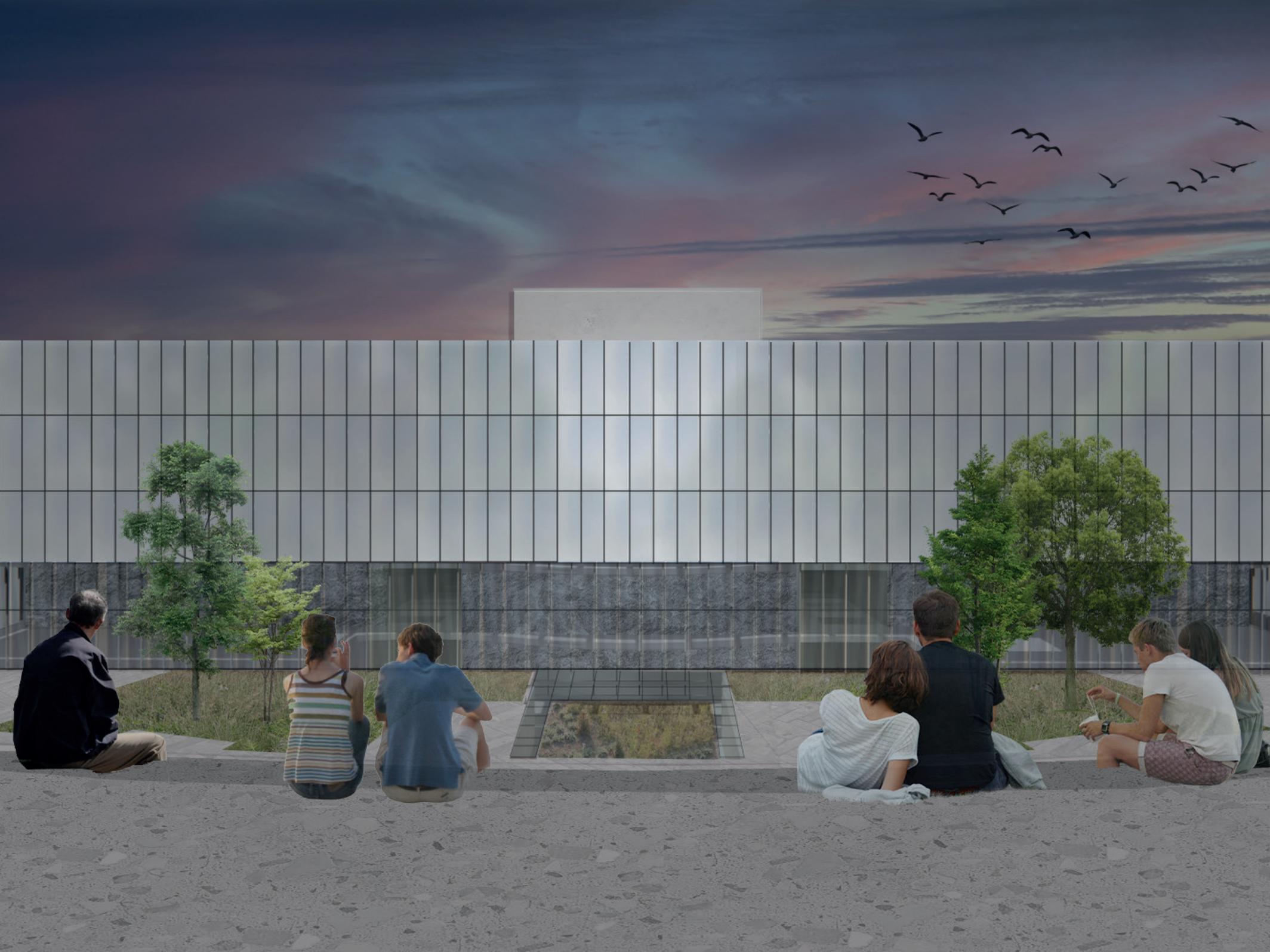






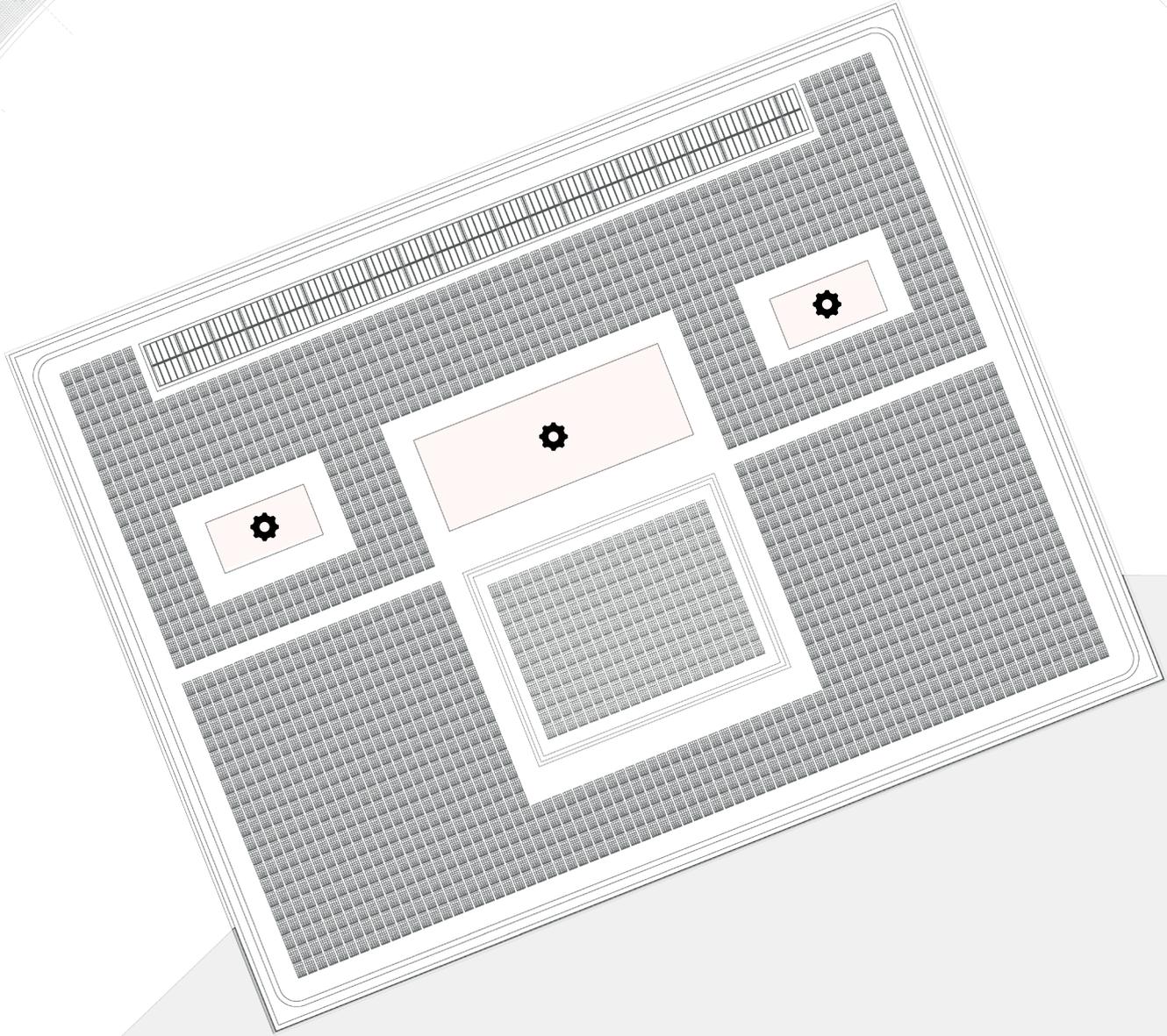


FACADE BOX

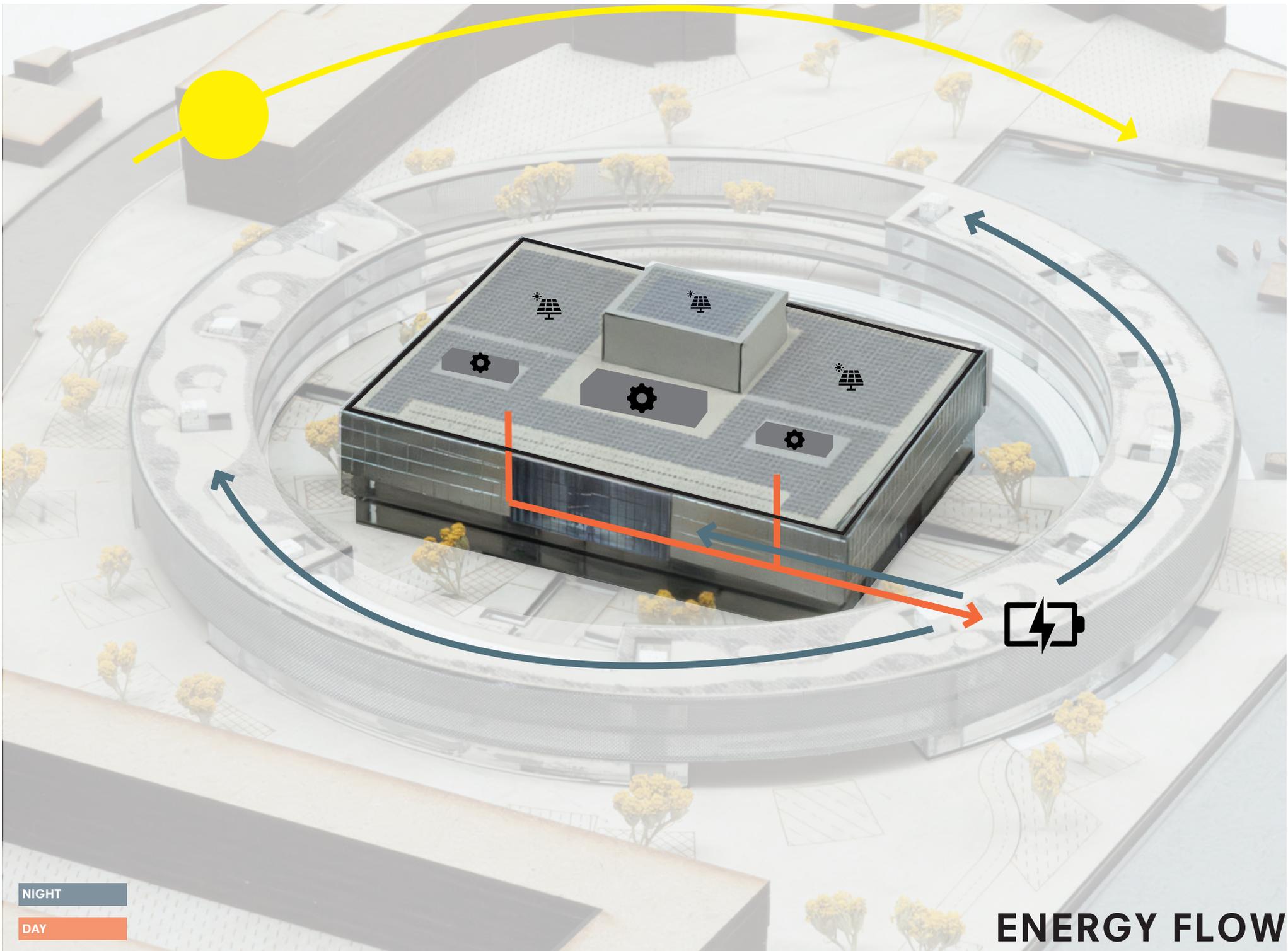








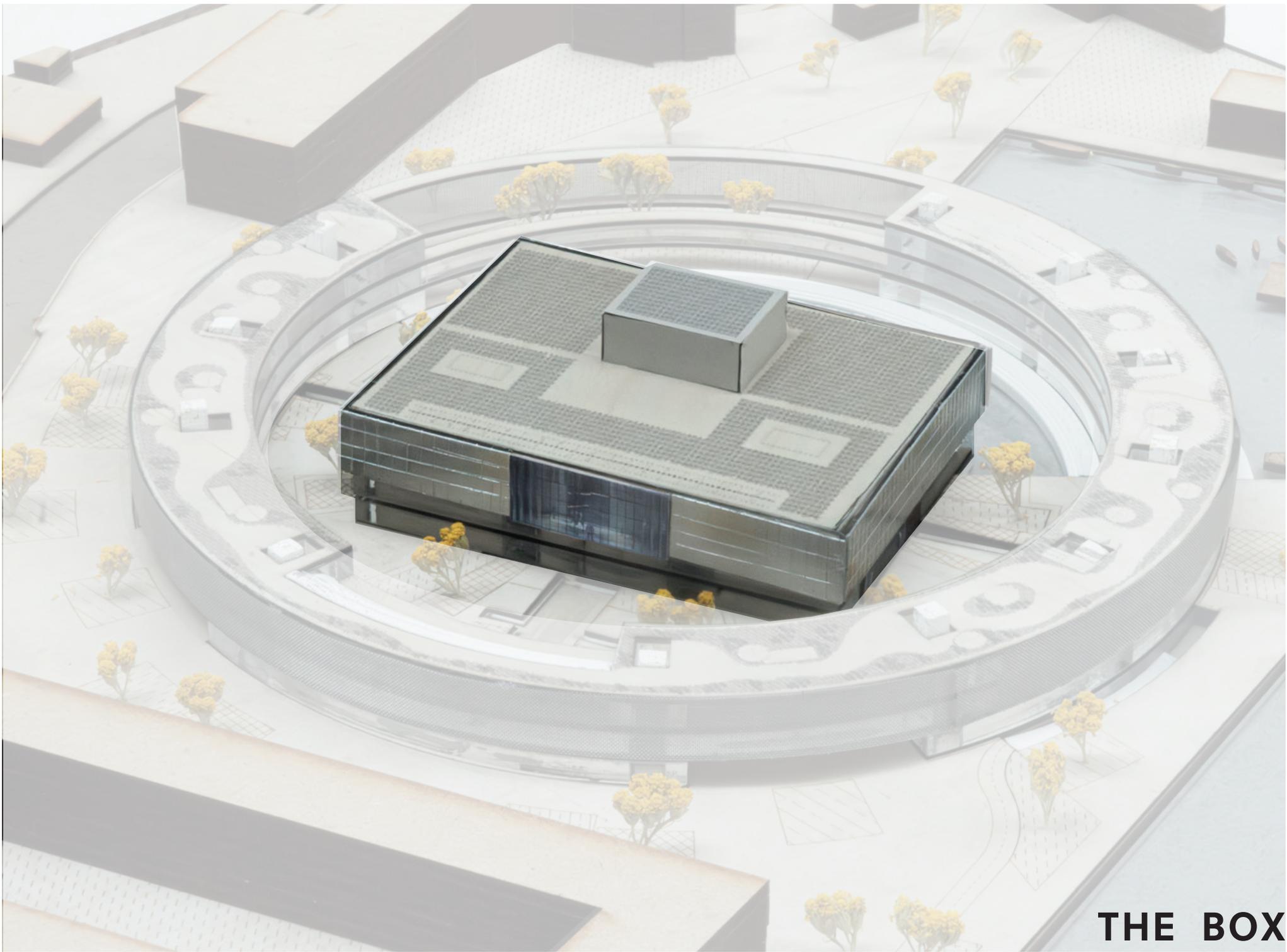
ROOF BOX



NIGHT

DAY

ENERGY FLOW

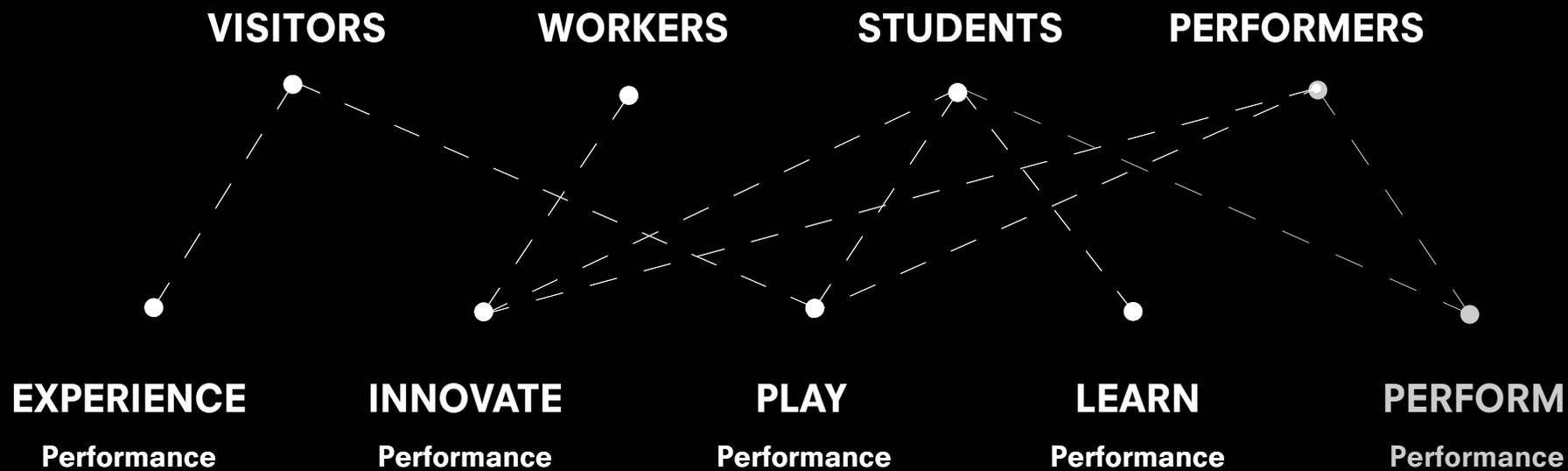


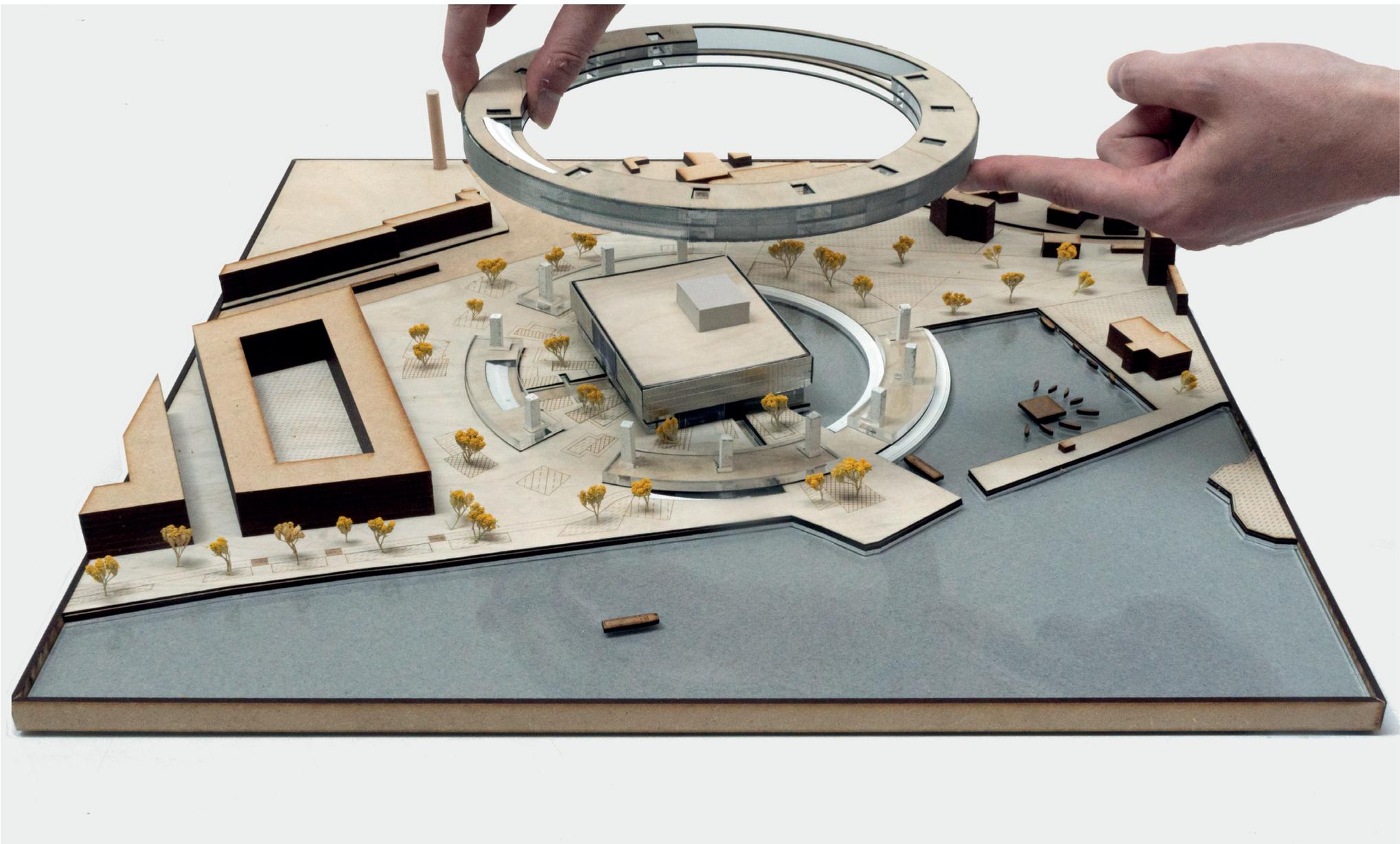
THE BOX

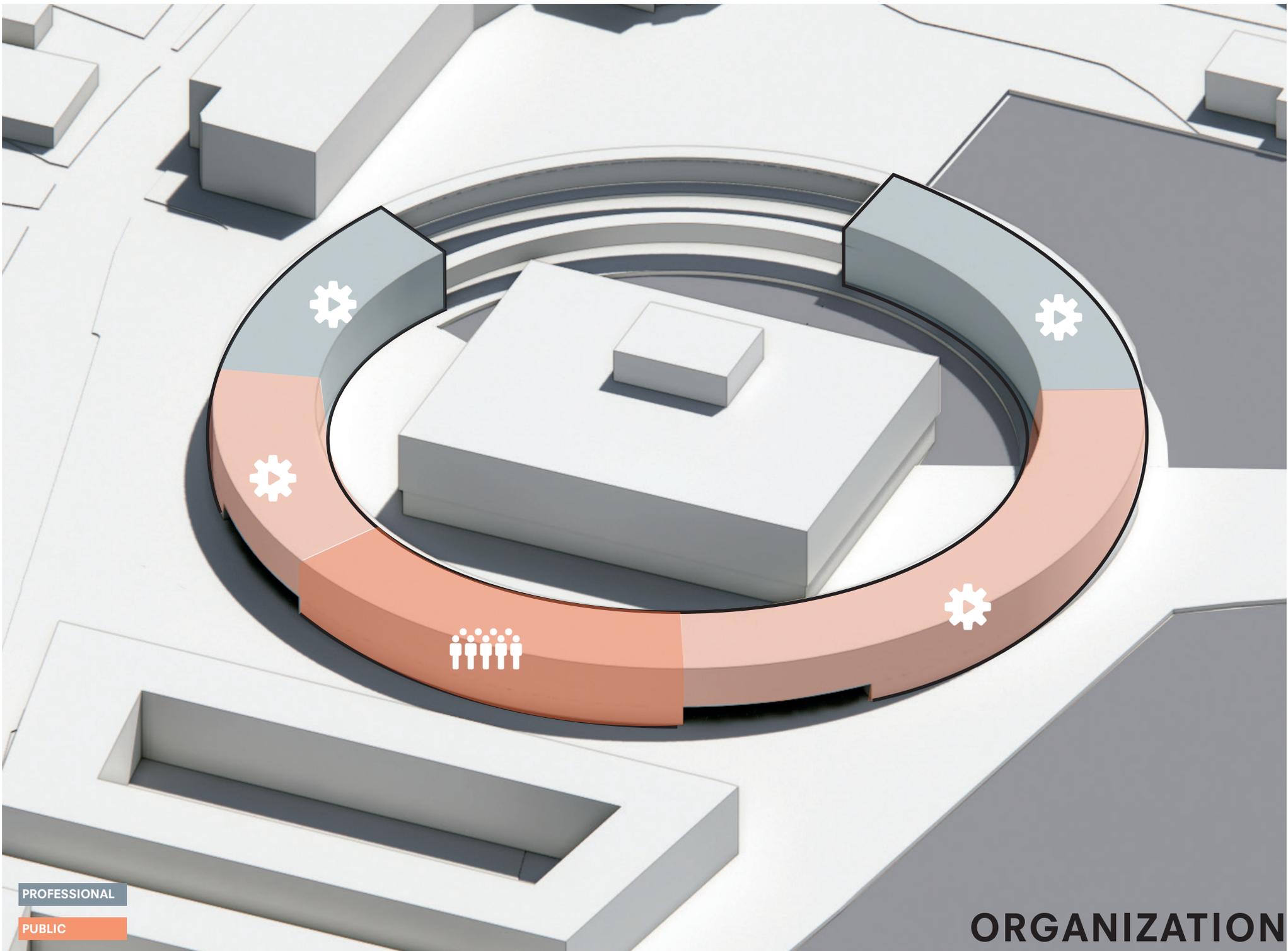
THE CIRCLE

PERFORMANCE PRODUCTION

PERFORMANCE VISIT



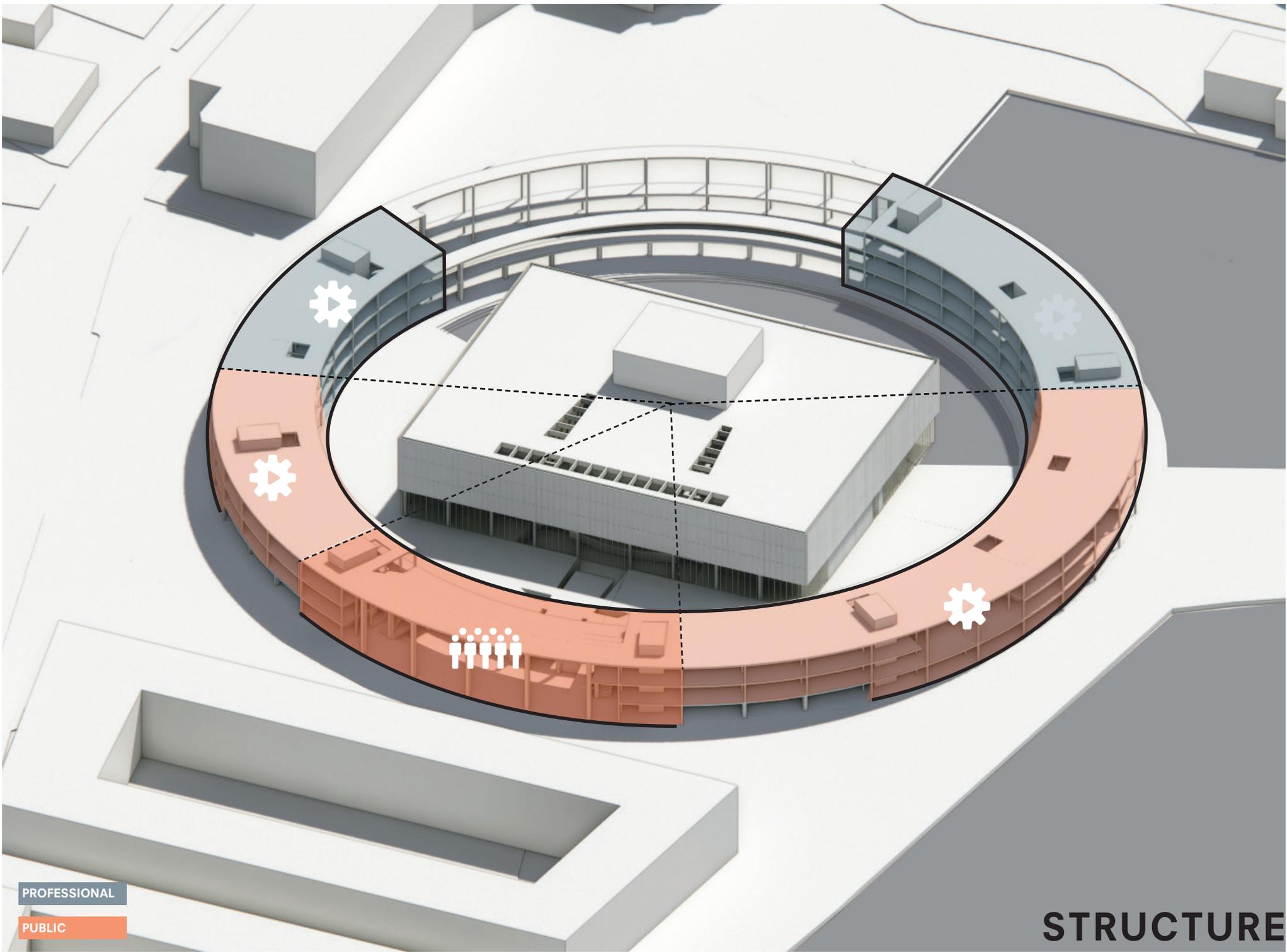




PROFESSIONAL

PUBLIC

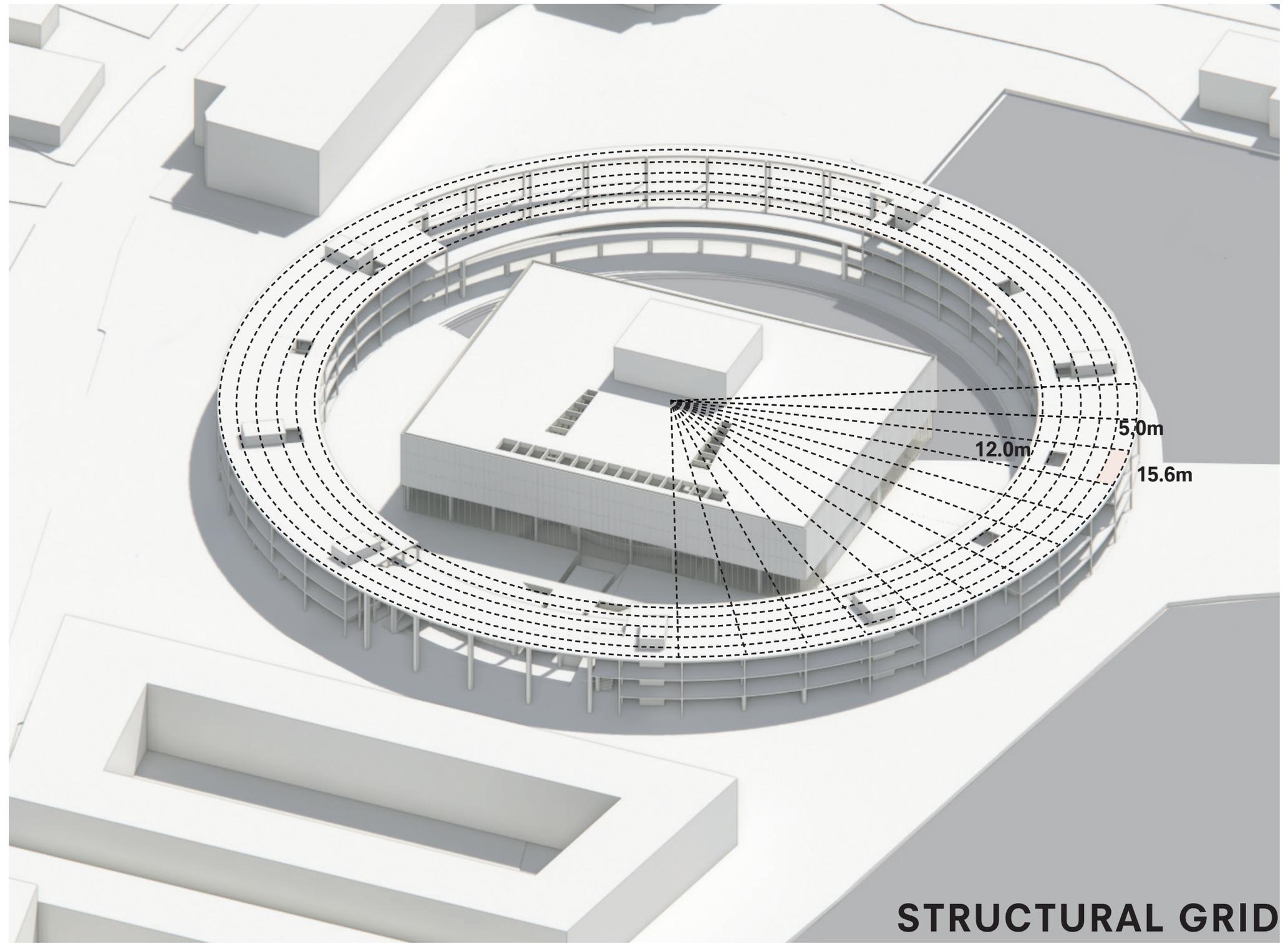
ORGANIZATION



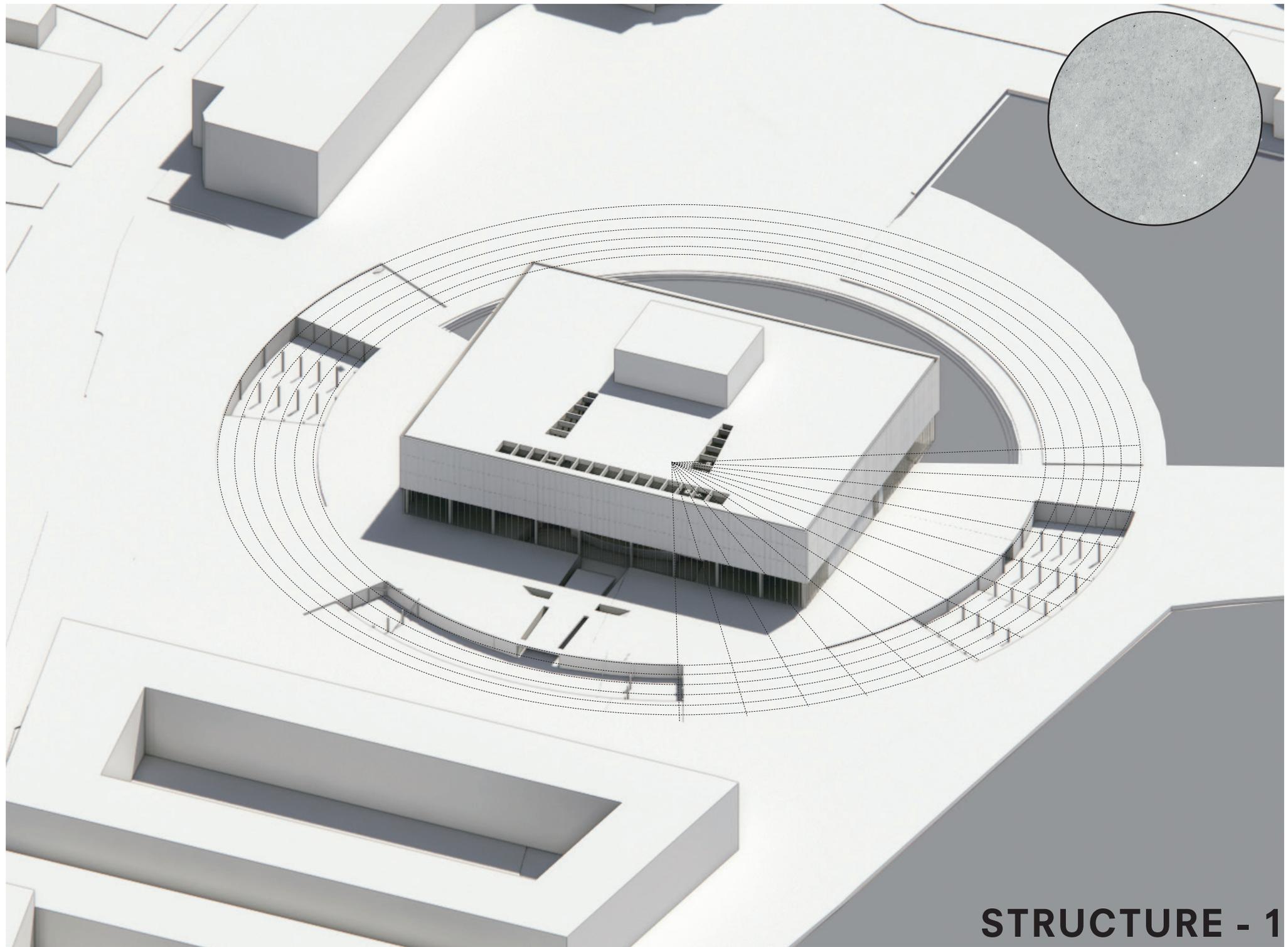
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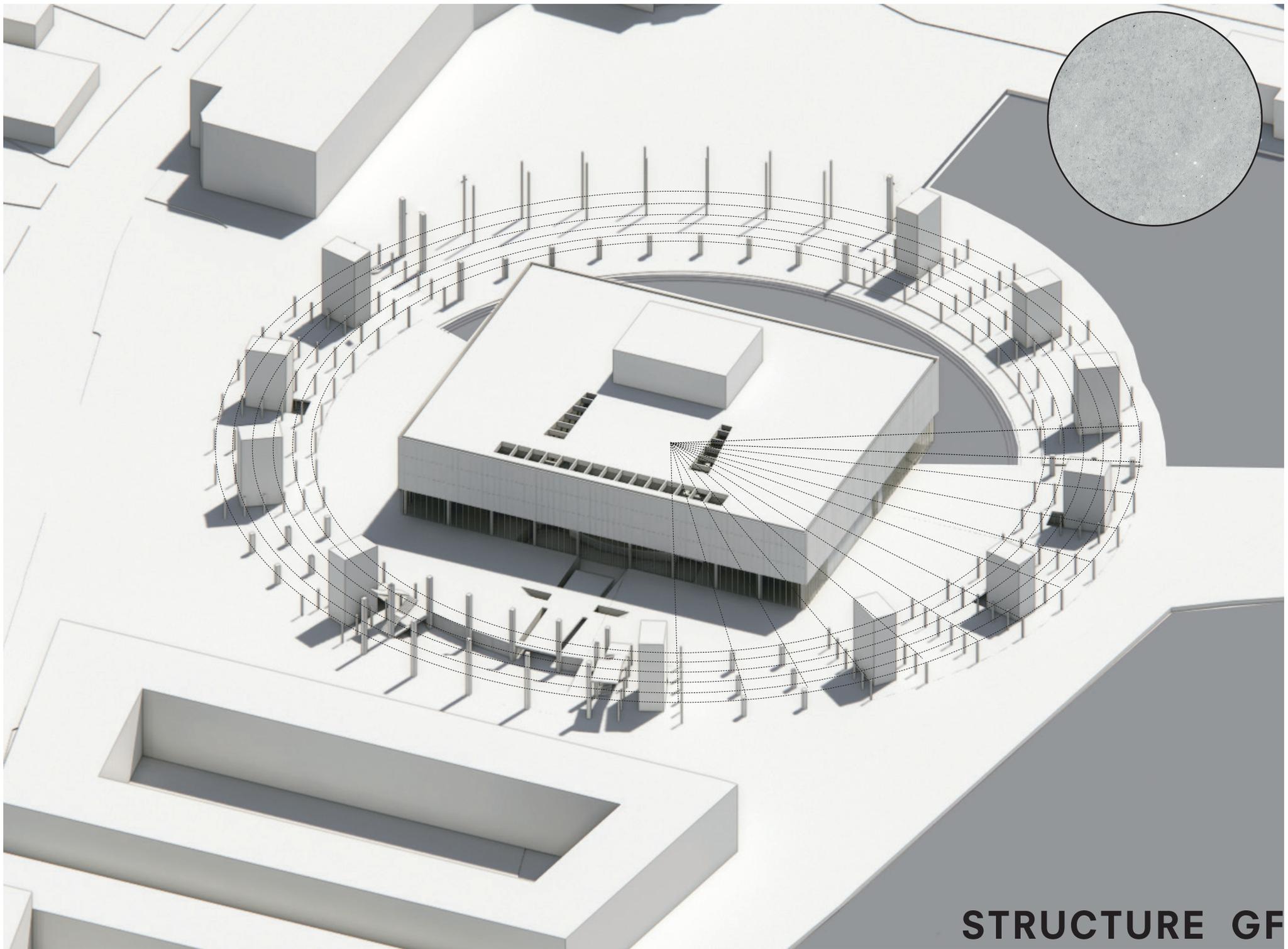
STRUCTURE



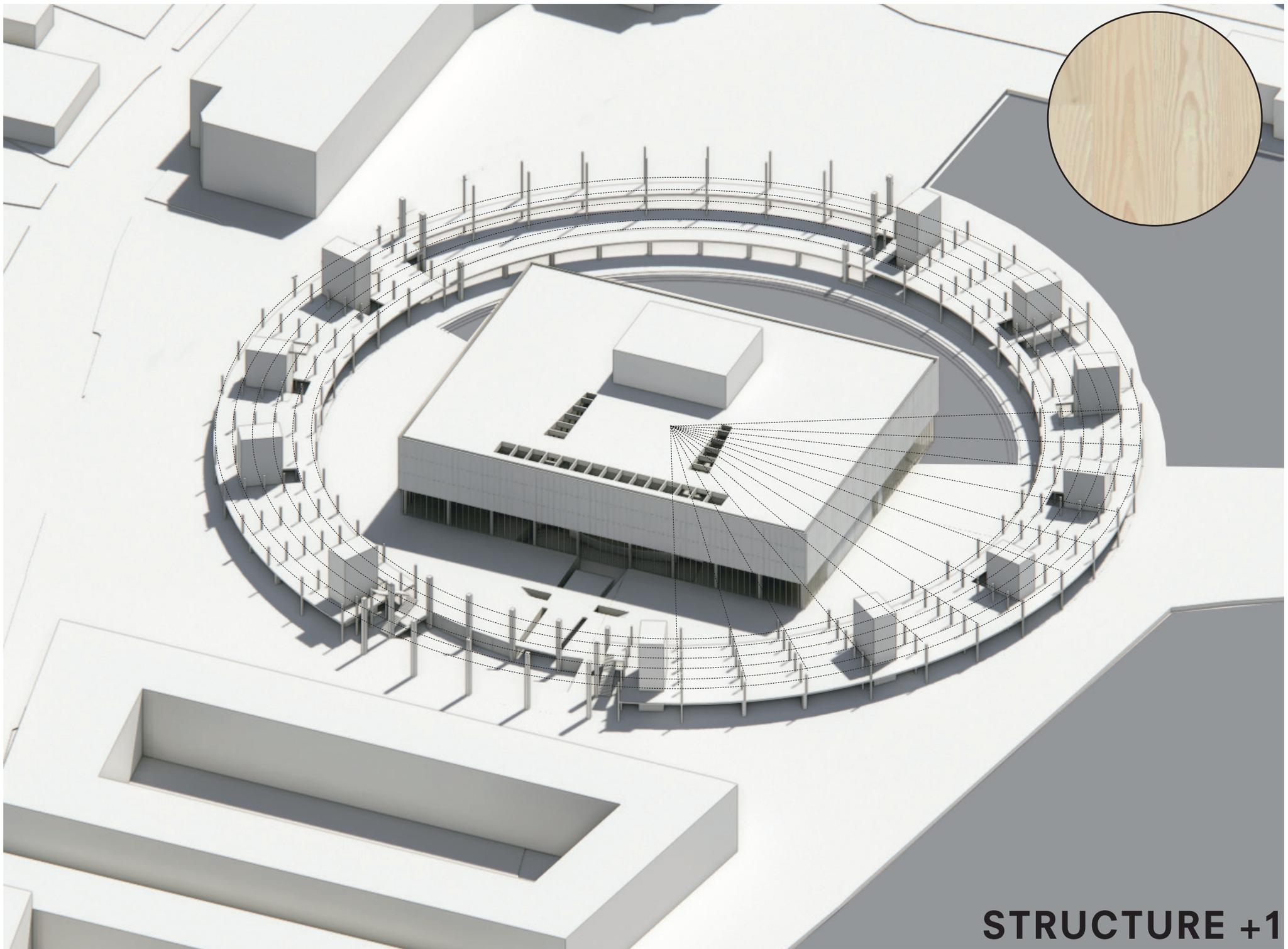
STRUCTURAL GRID



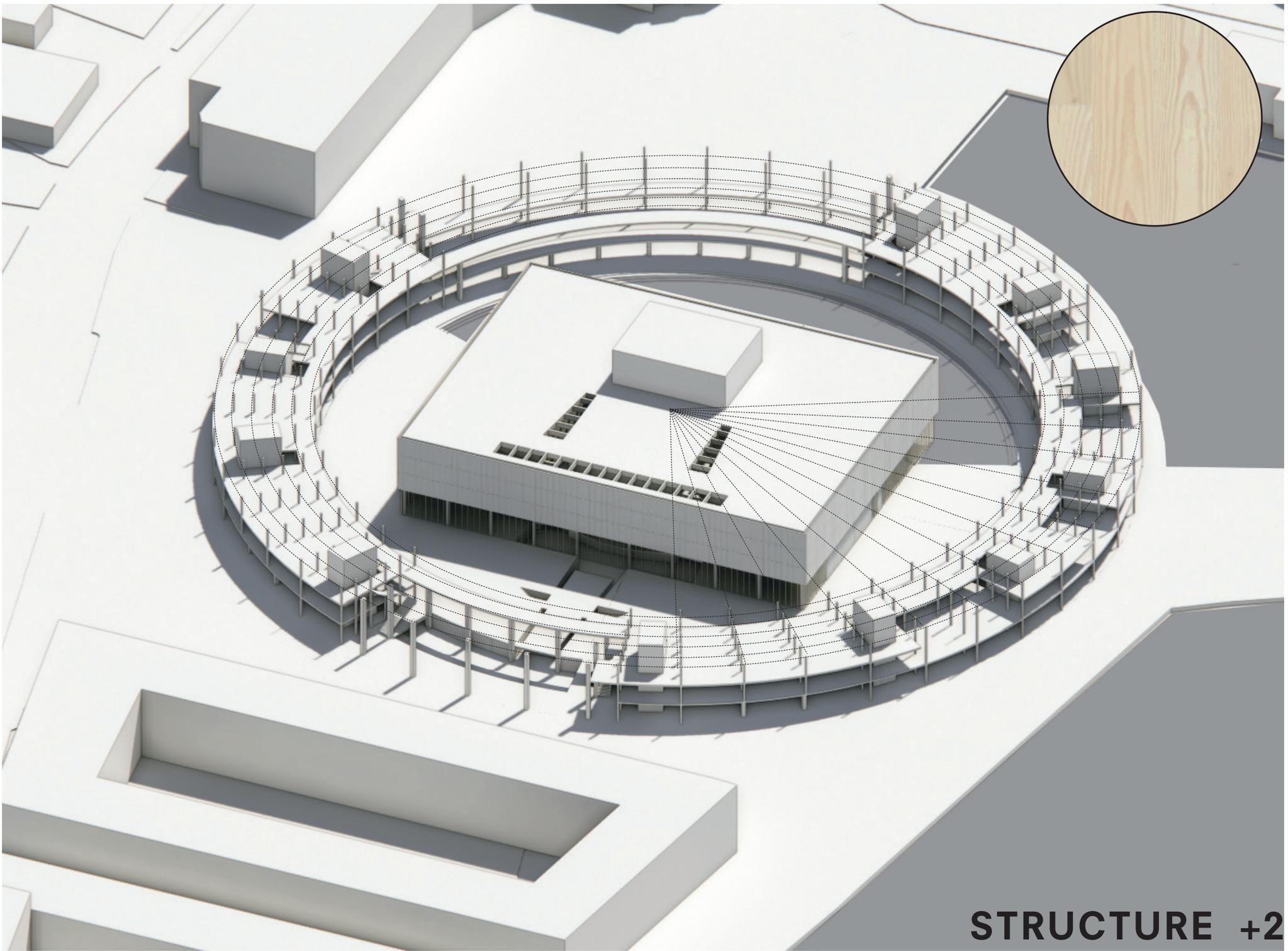
STRUCTURE - 1



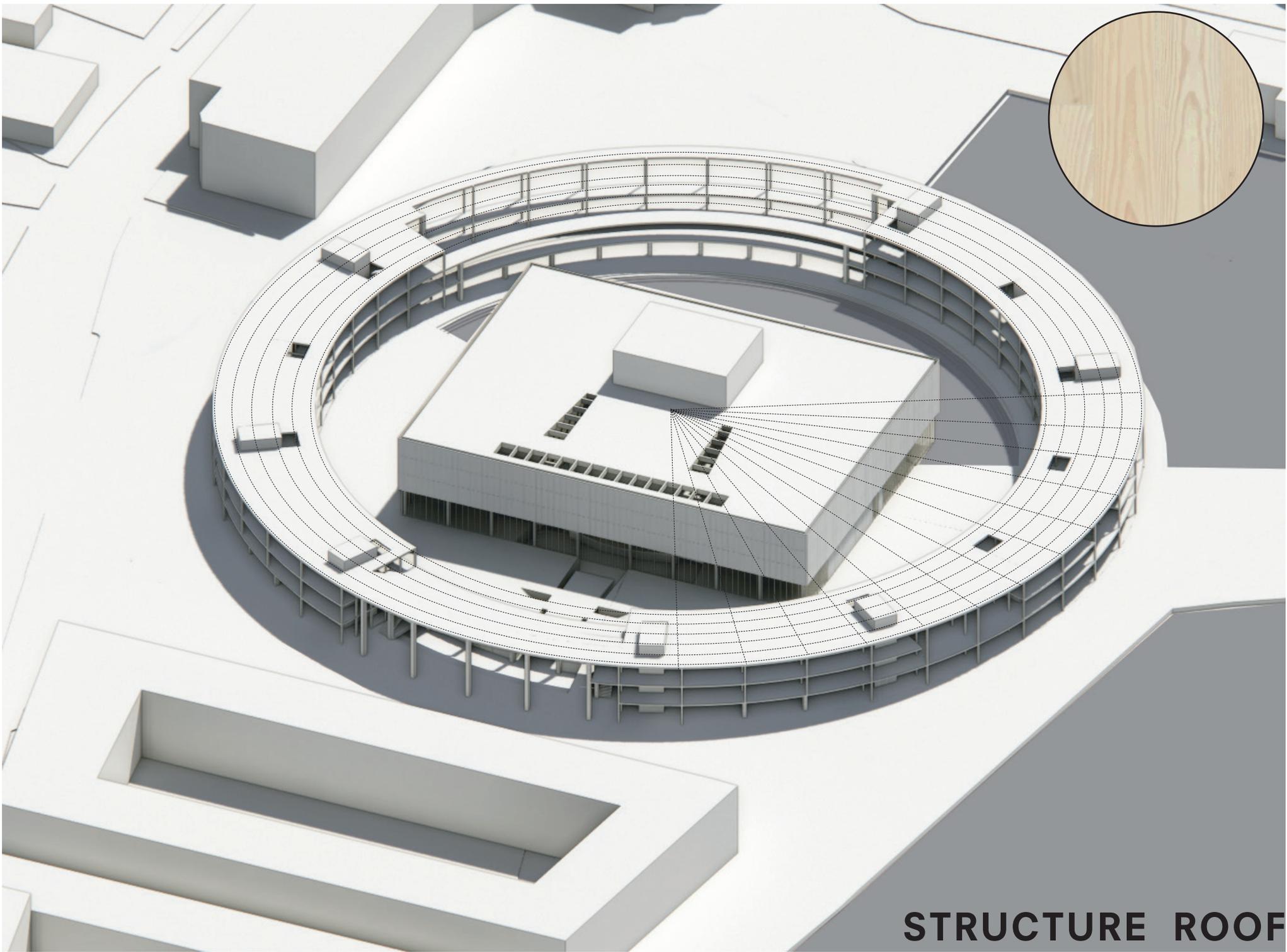
STRUCTURE GF



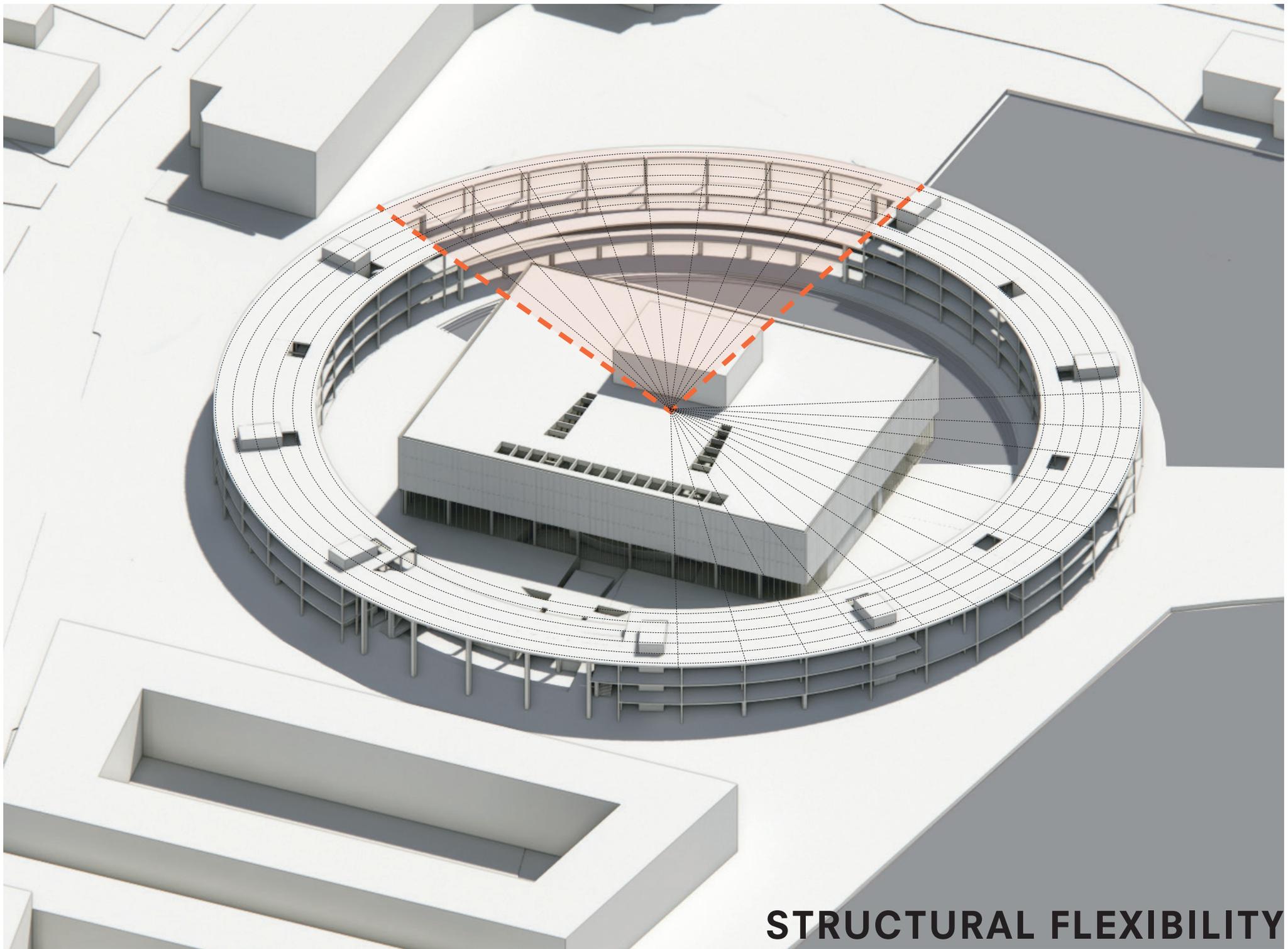
STRUCTURE +1



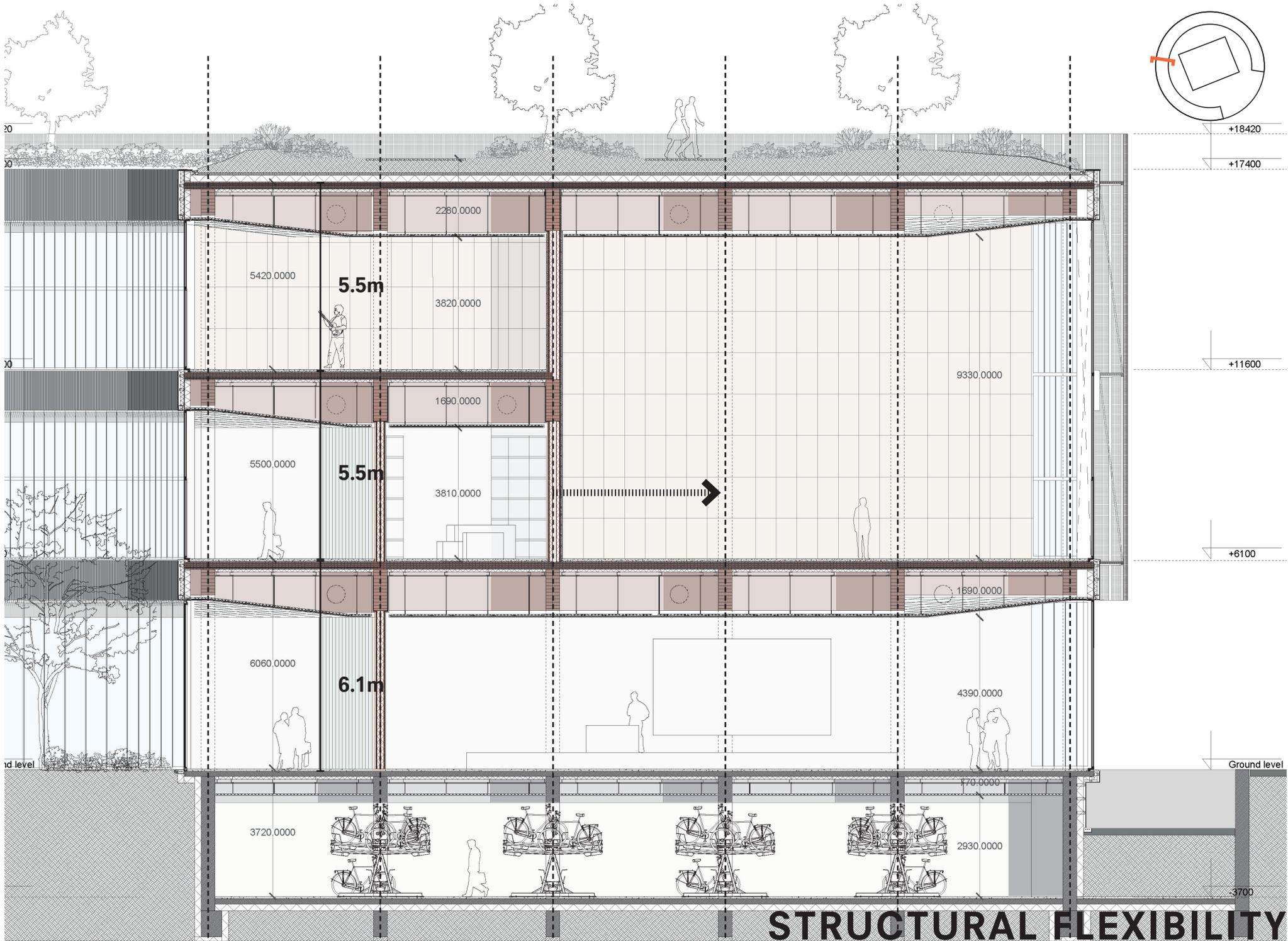
STRUCTURE +2

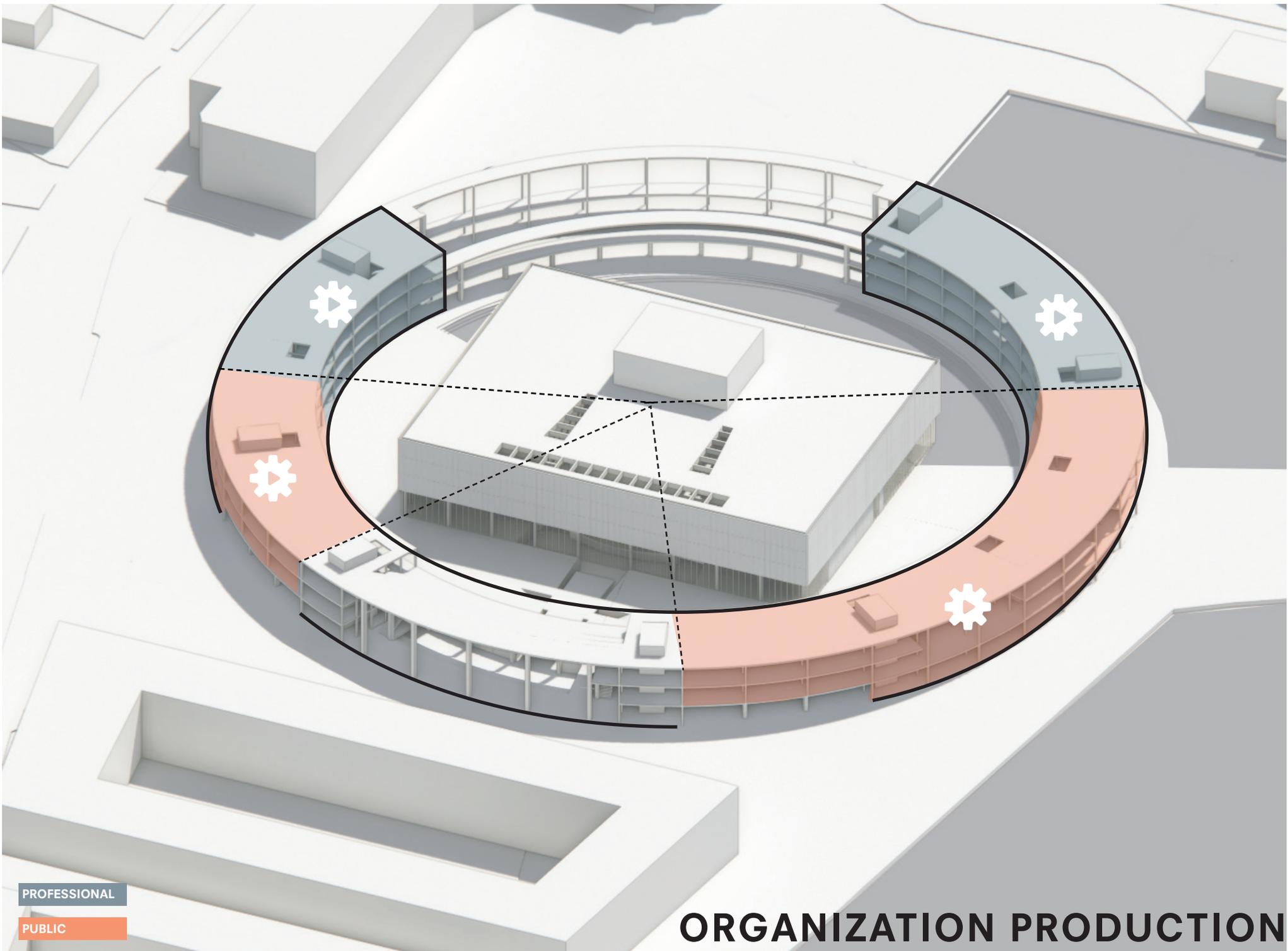


STRUCTURE ROOF



STRUCTURAL FLEXIBILITY

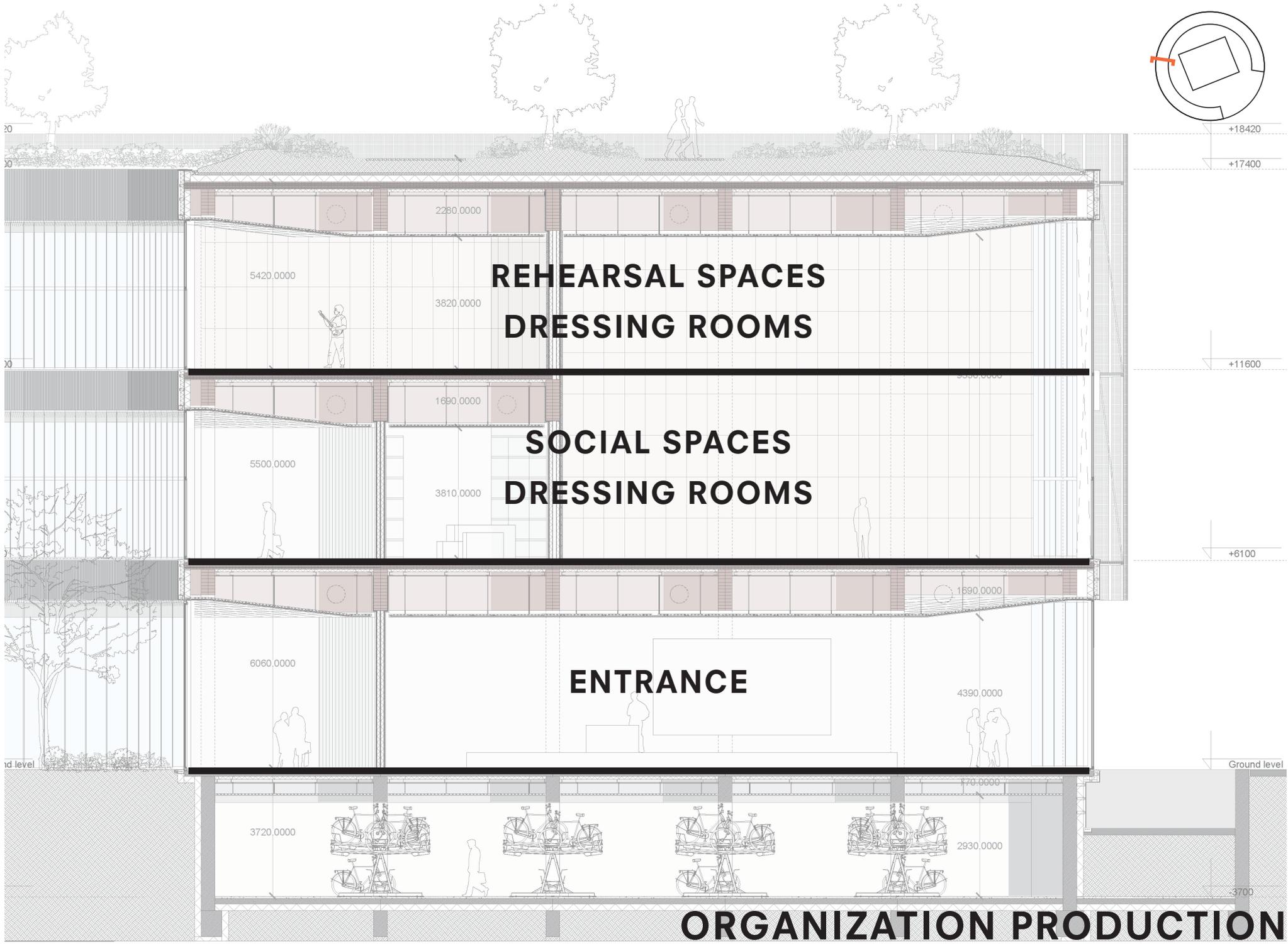




PROFESSIONAL

PUBLIC

ORGANIZATION PRODUCTION

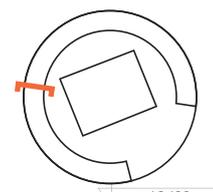


REHEARSAL SPACES
DRESSING ROOMS

SOCIAL SPACES
DRESSING ROOMS

ENTRANCE

ORGANIZATION PRODUCTION



+18420

+17400

+11600

+6100

Ground level

-3700

5420.0000

2280.0000

3820.0000

1690.0000

5500.0000

3810.0000

6060.0000

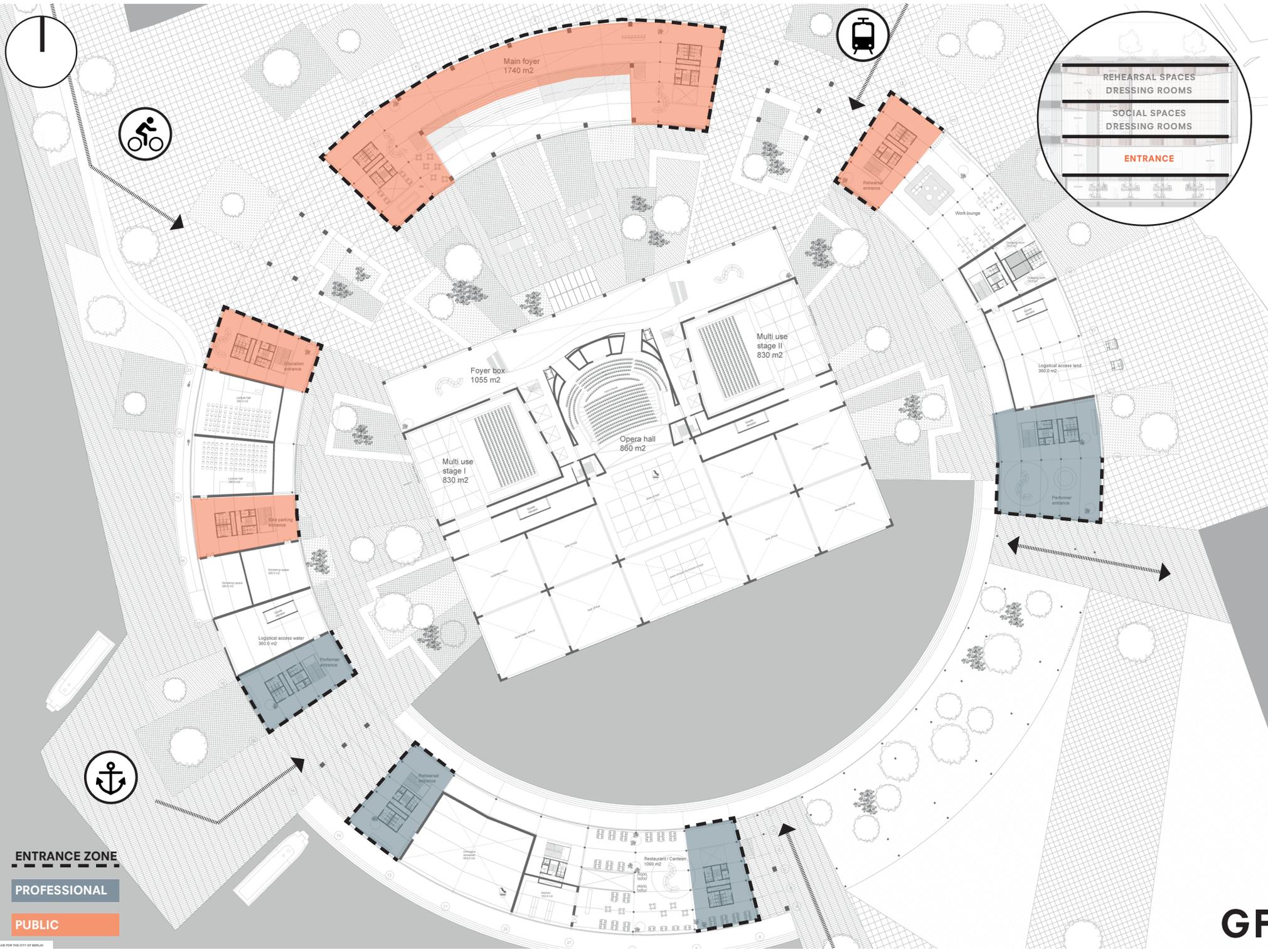
1690.0000

4390.0000

3720.0000

170.0000

2930.0000



Main foyer
1740 m²

Multi use stage II
830 m²

Opera hall
860 m²

Foyer box
1055 m²

Multi use stage I
830 m²

Logical access land
390.0 m²

Logical access water
360.0 m²

Restaurant / Carbeen
1000 m²

REHEARSAL SPACES

DRESSING ROOMS

SOCIAL SPACES

DRESSING ROOMS

ENTRANCE

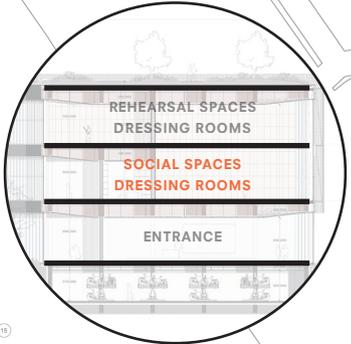
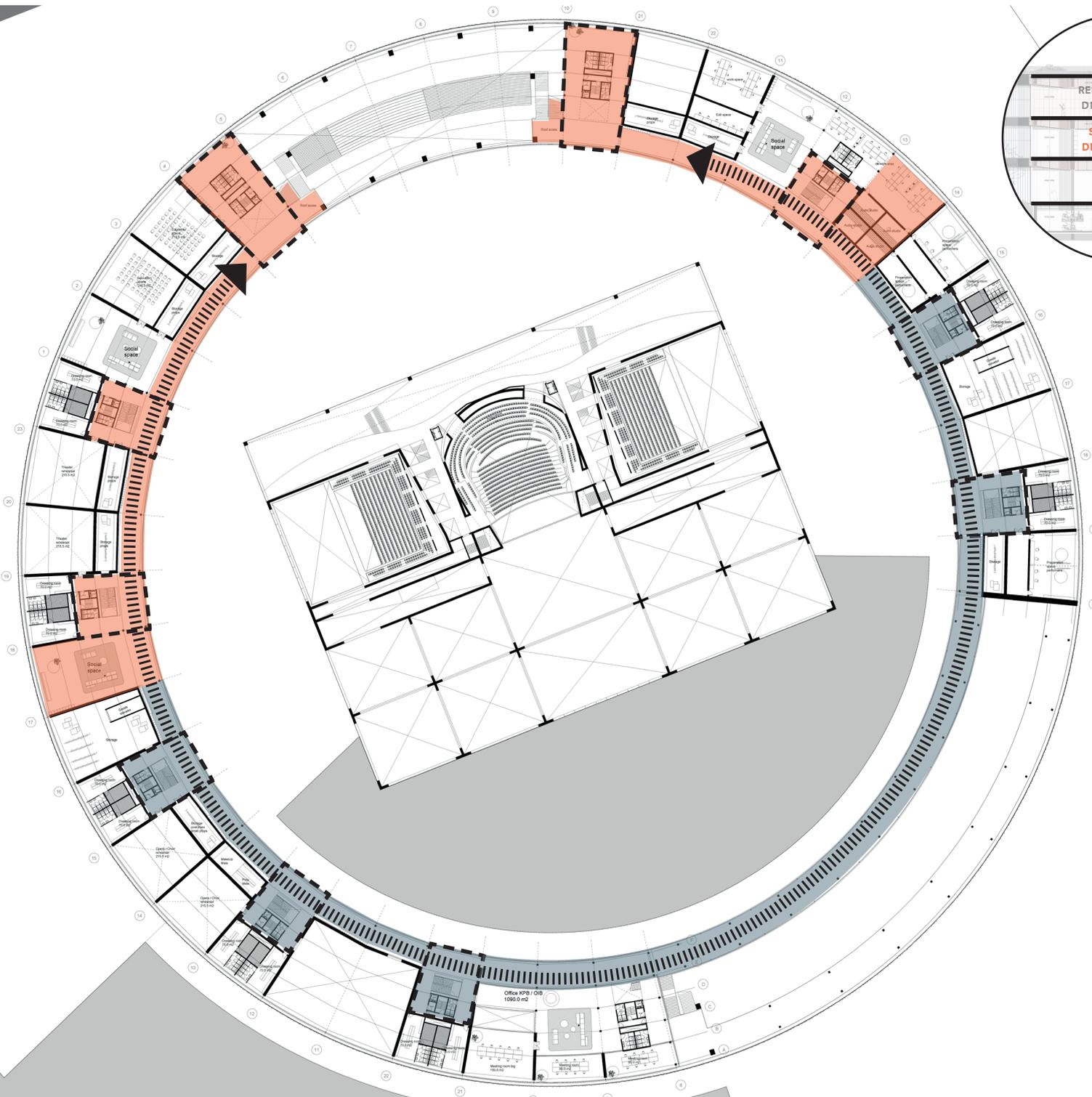
ENTRANCE ZONE

PROFESSIONAL

PUBLIC

GF



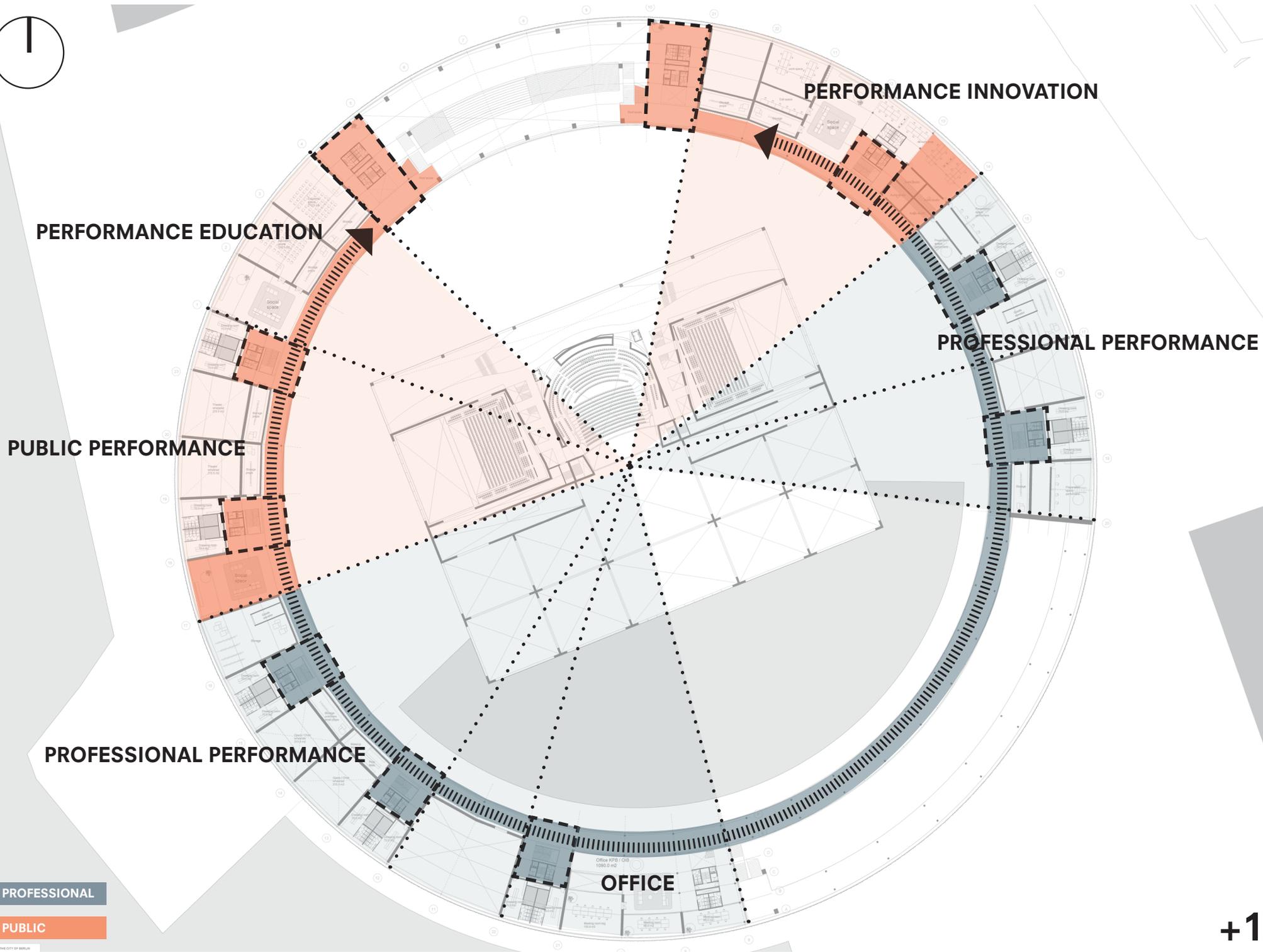


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STAGE FOR THE CITY OF BERLIN

+1



PERFORMANCE INNOVATION

PERFORMANCE EDUCATION

PROFESSIONAL PERFORMANCE

PUBLIC PERFORMANCE

PROFESSIONAL PERFORMANCE

OFFICE

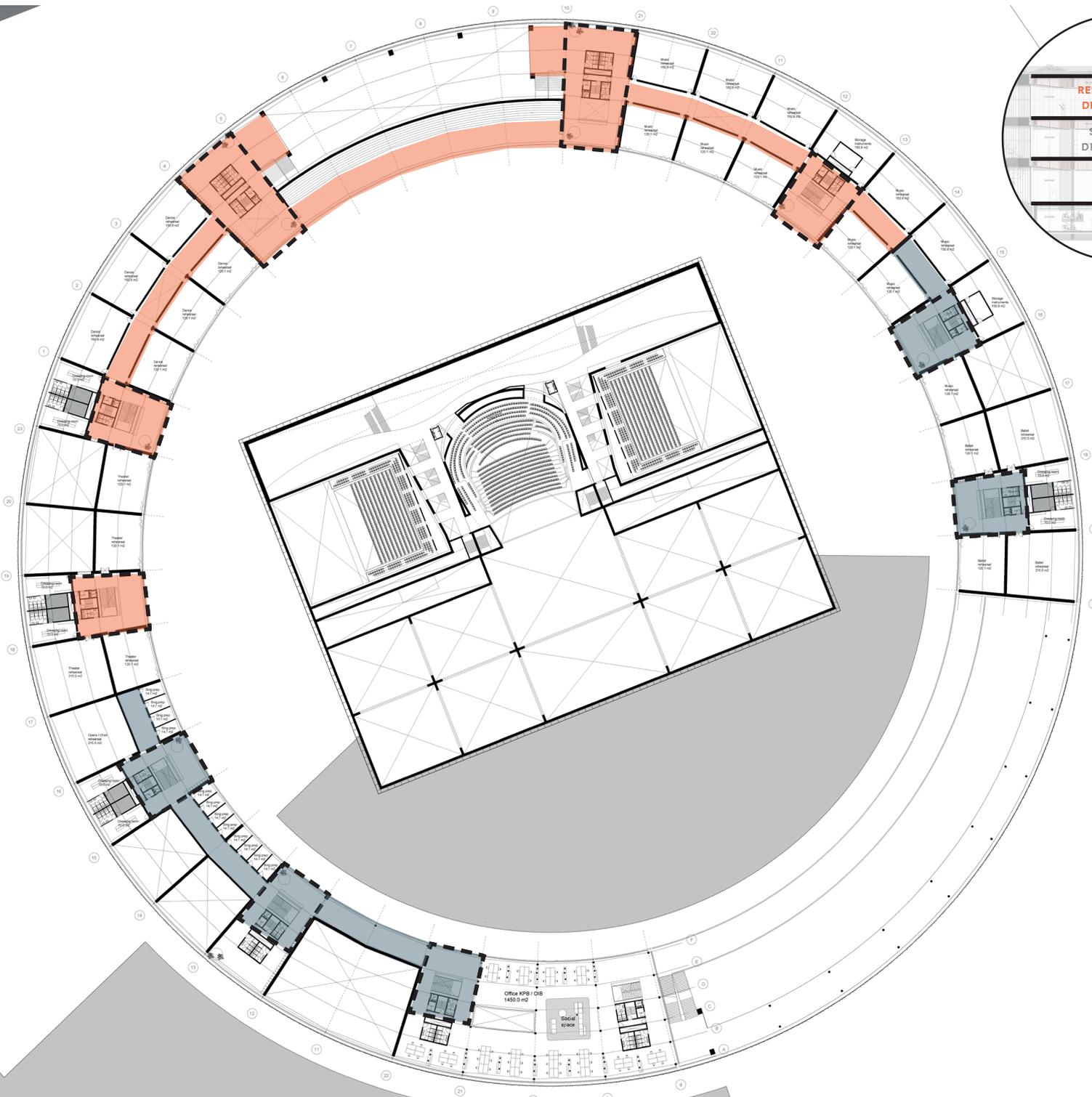
PROFESSIONAL

PUBLIC

STAGE FOR THE CITY OF BERLIN

+1

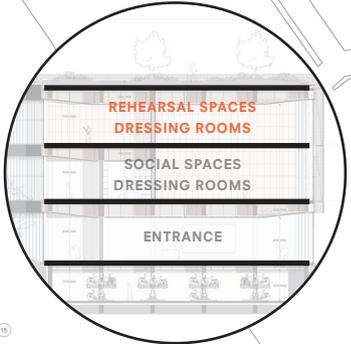




PROFESSIONAL

PUBLIC

Office 1078 / 1018
1450.0 m²



+2



DANCE

MUSIC

MUSIC

DANCE
BALLET

THEATER

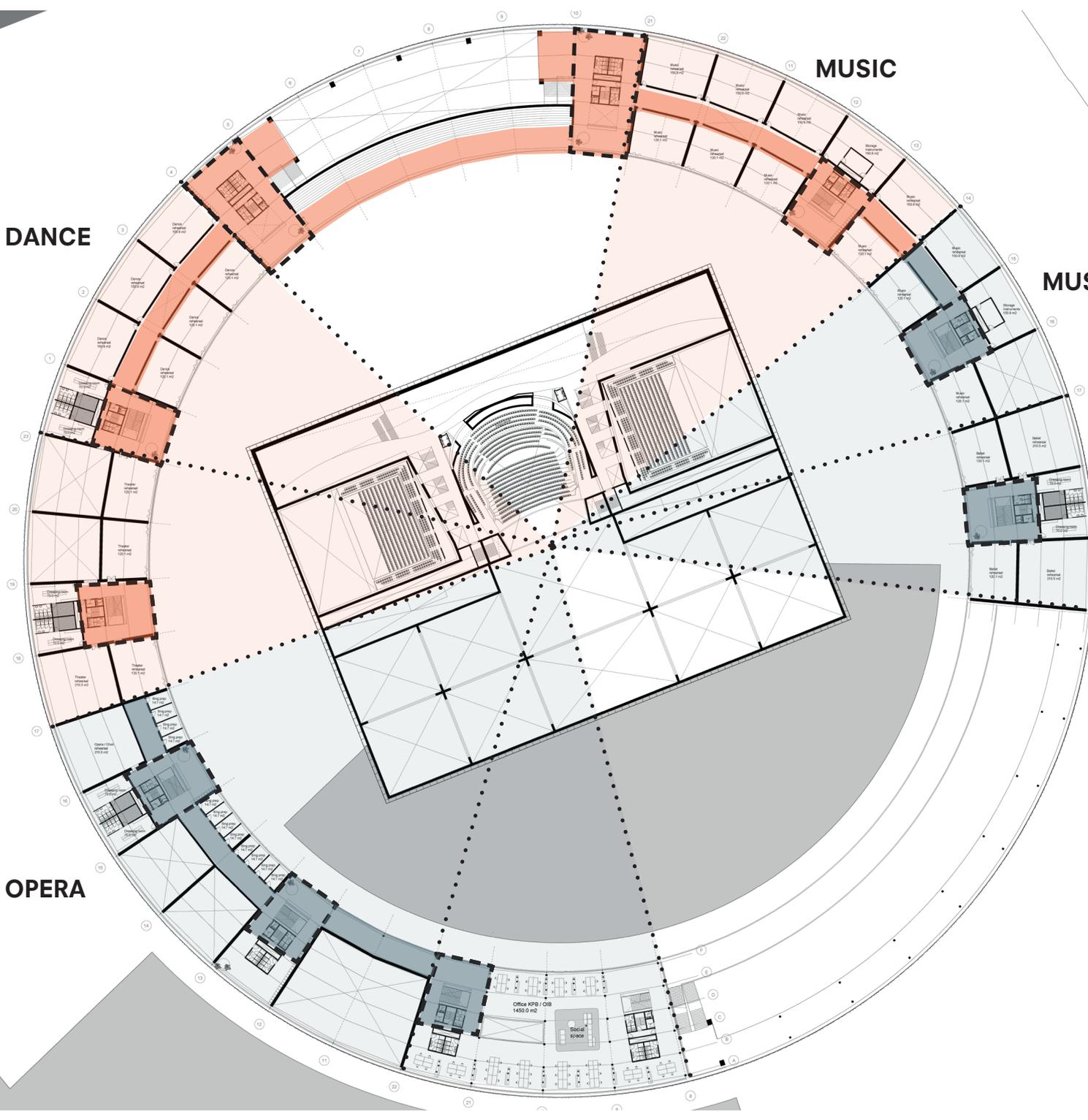
OPERA

Office 1078 / 1079
1450.0 m²

PROFESSIONAL

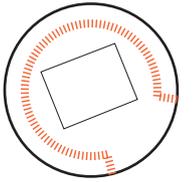
PUBLIC

+2

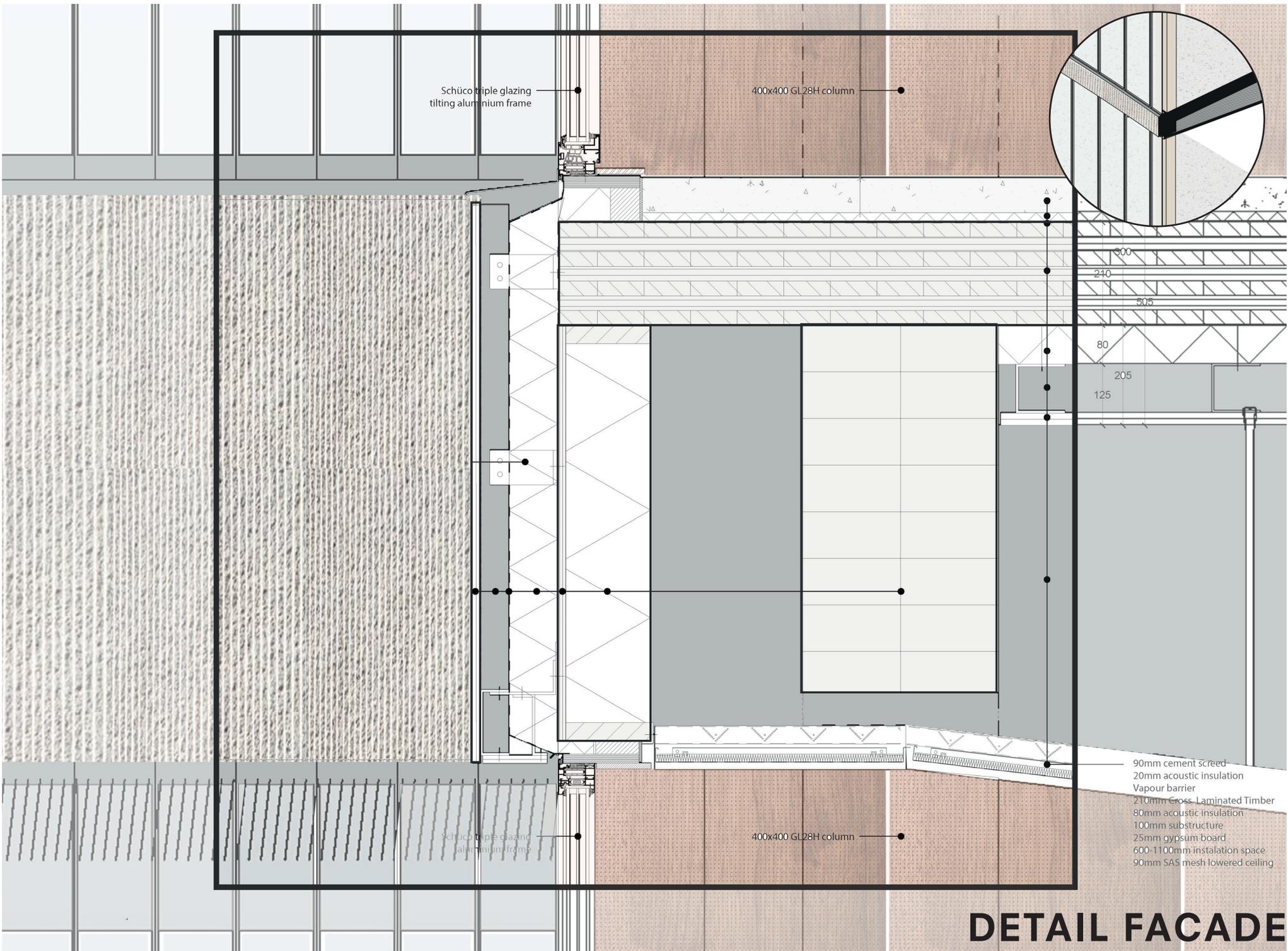




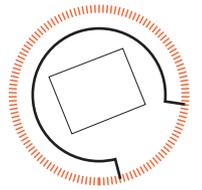




TRANSPARENT FACADE



DETAIL FACADE



CURTAIN FACADE





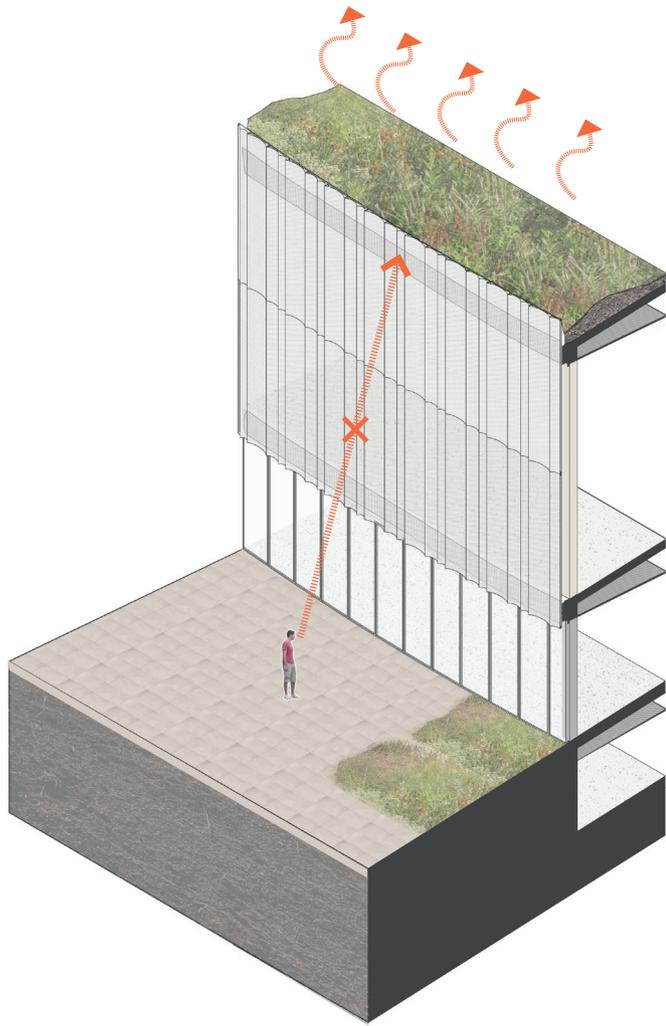
21 S&U Leutenanger
Budronstraße

be mit 



21 S&U Deuteners Guderstrasse

be mit

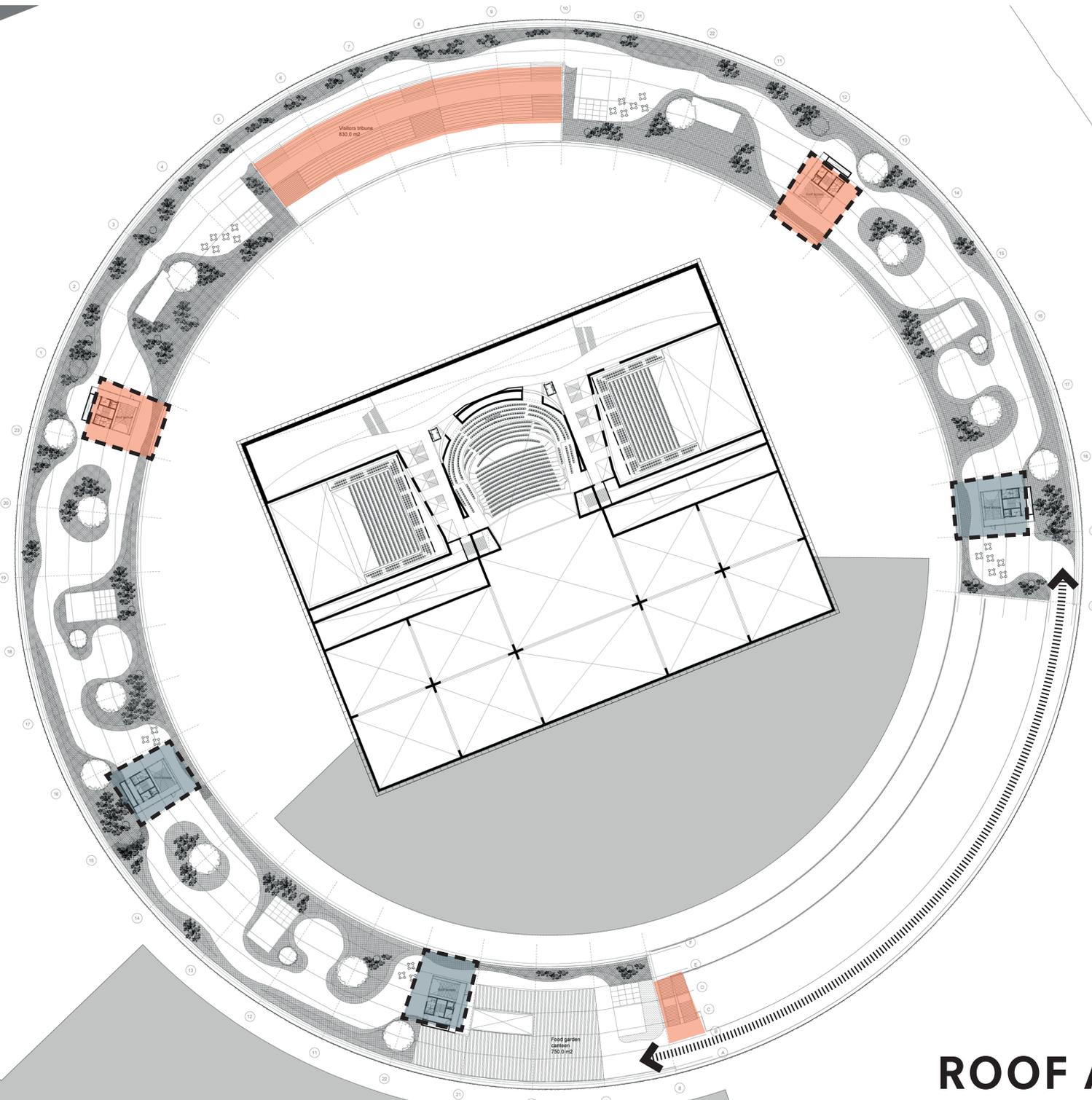


REDUCE HEAT STRESS



RAIN WATER STORAGE

GREEN ROOF



Vestibule Hibone
800.0 m²

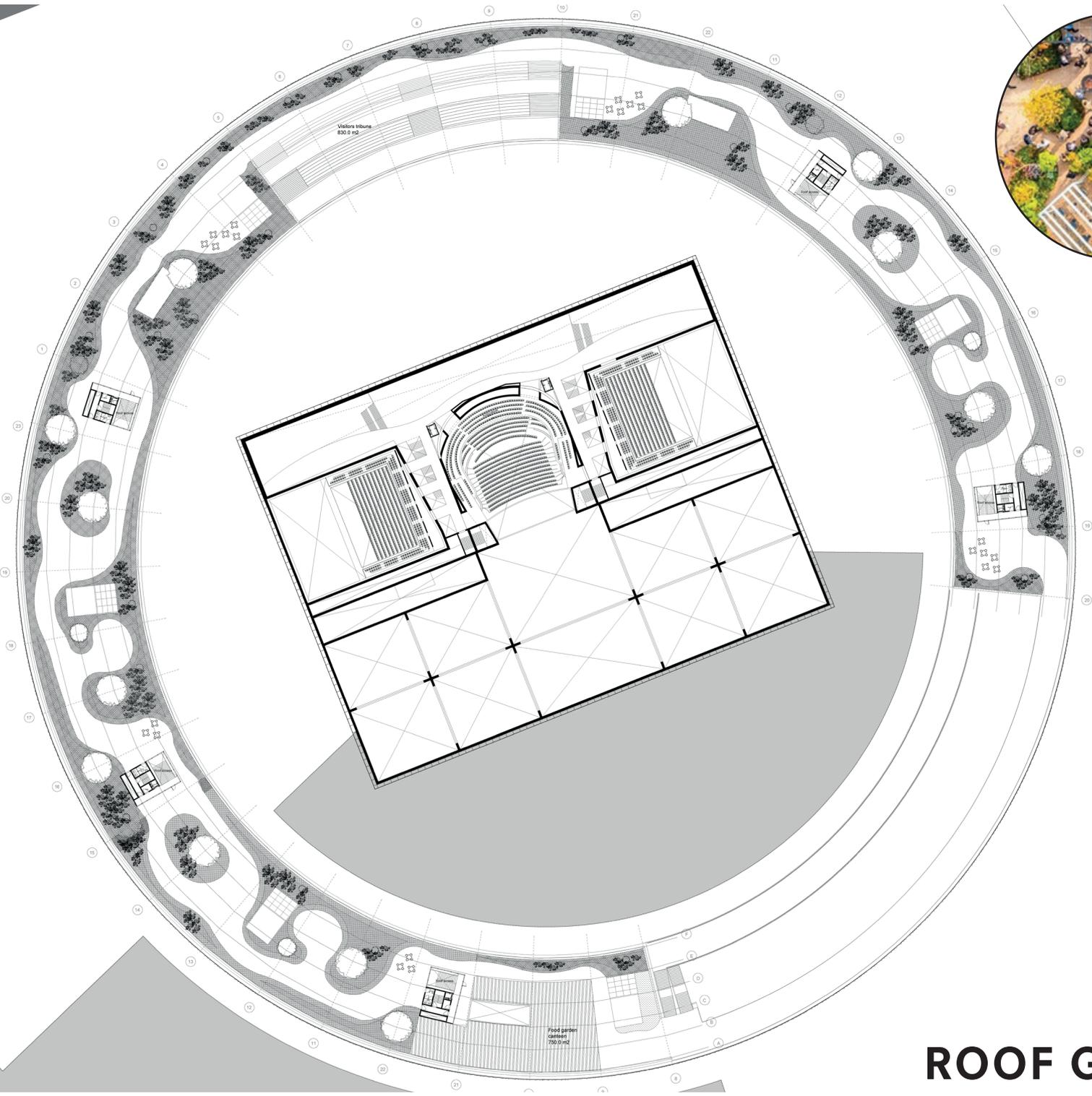
Food garden
center
750.0 m²

ENCLOSED

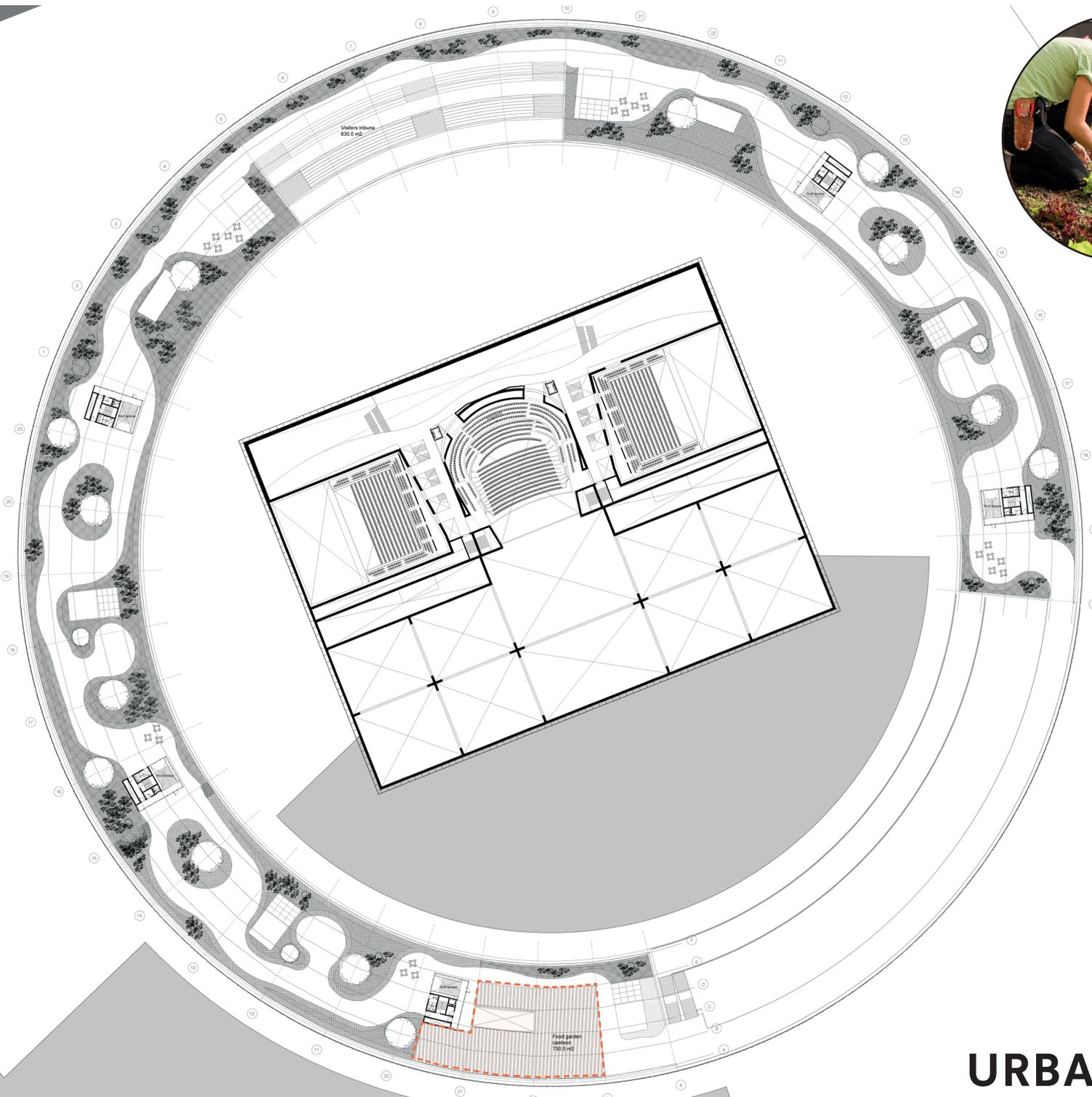
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PUBLIC

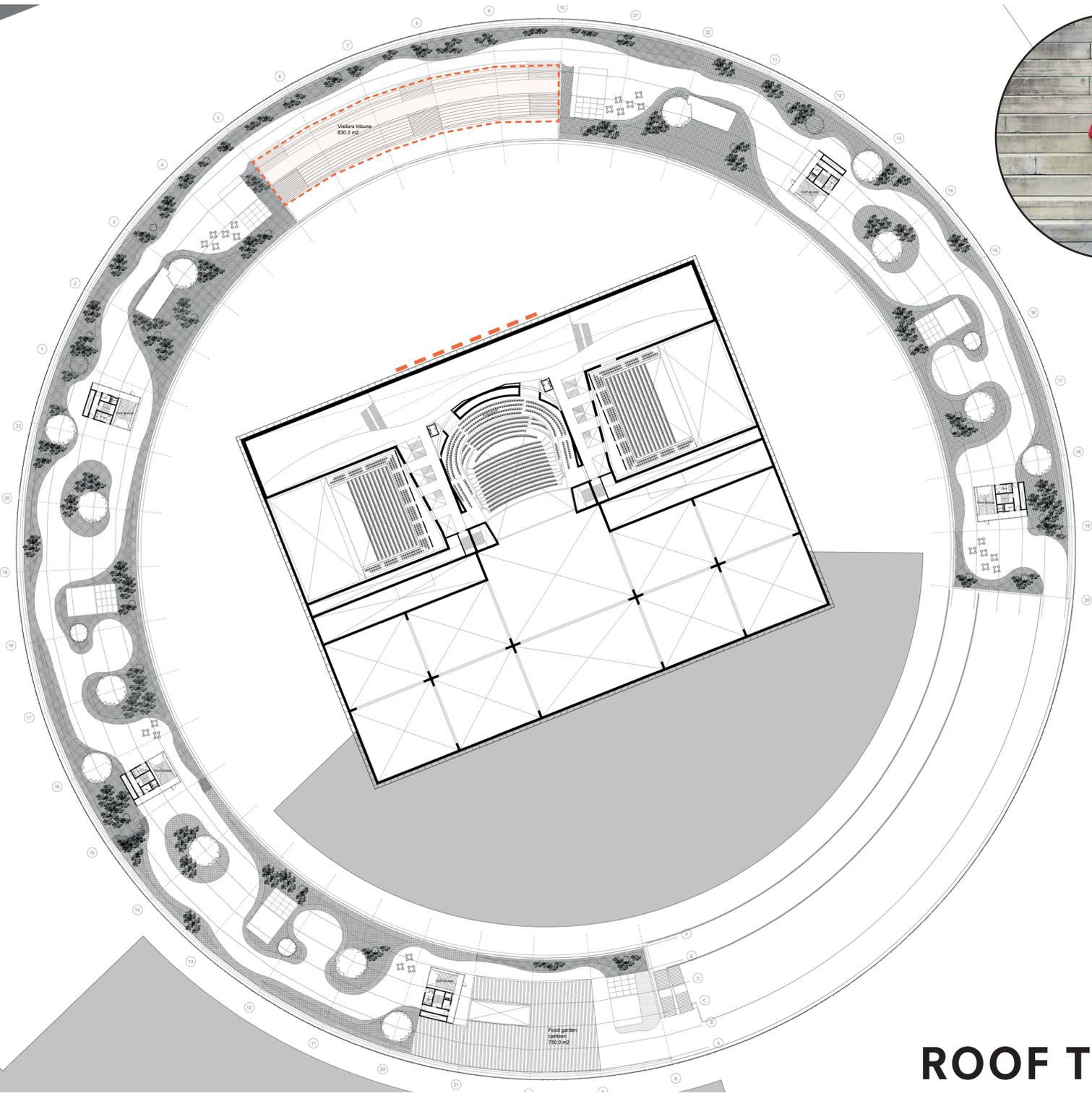
ROOF ACCESS



ROOF GARDEN



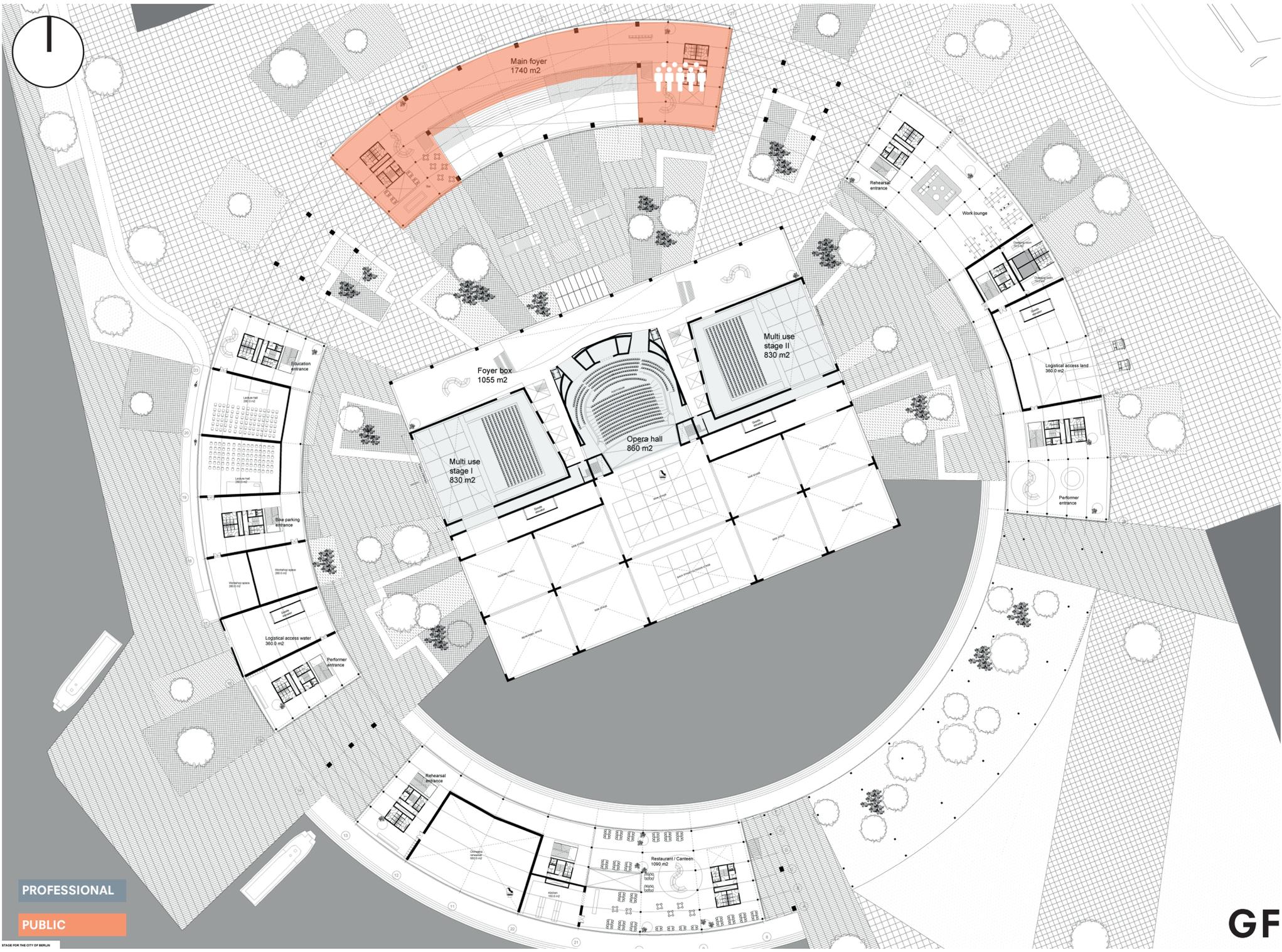
URBAN FARM



ROOF TRIBUNE



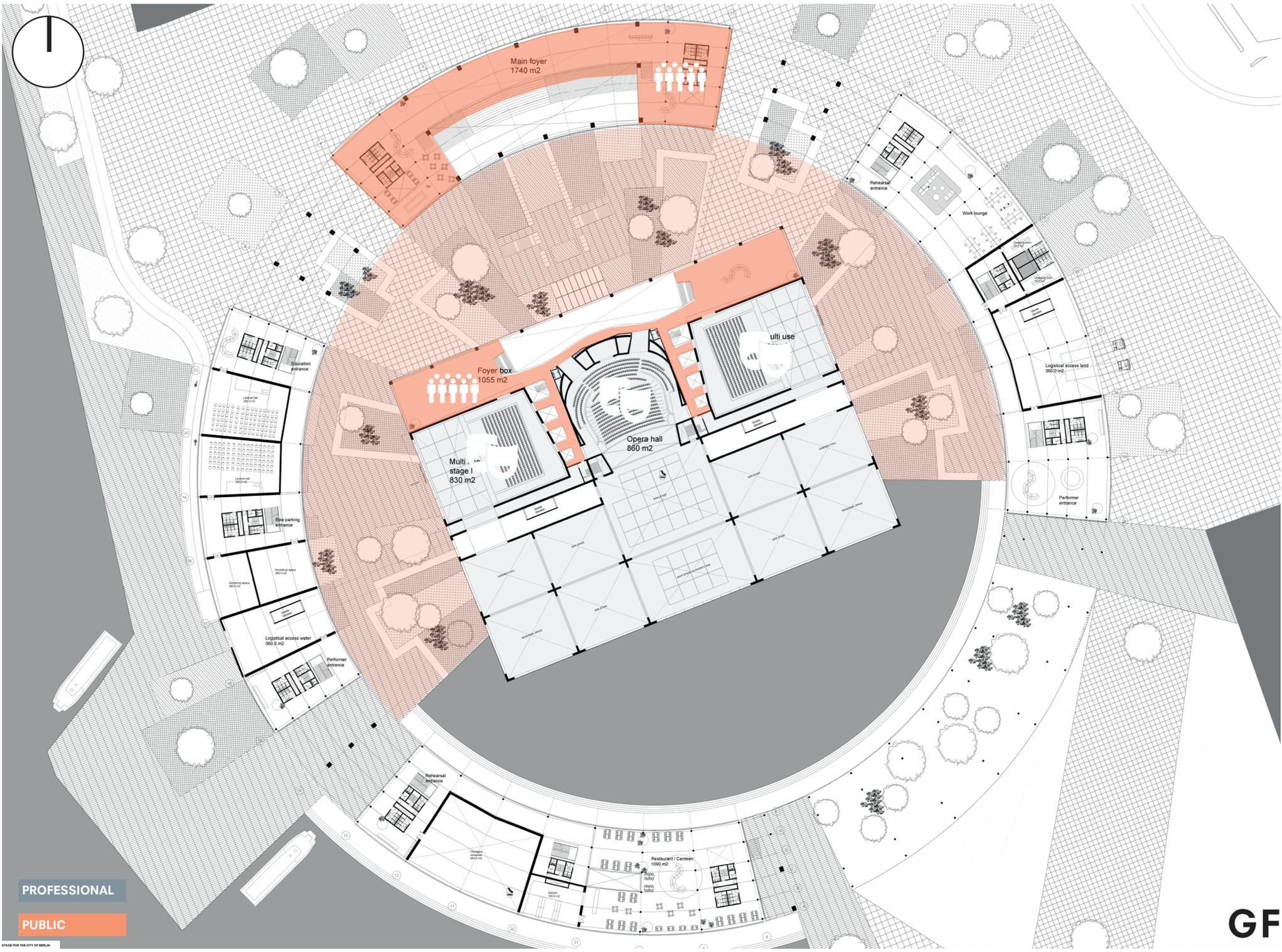
PERFORMANCE HALLS >



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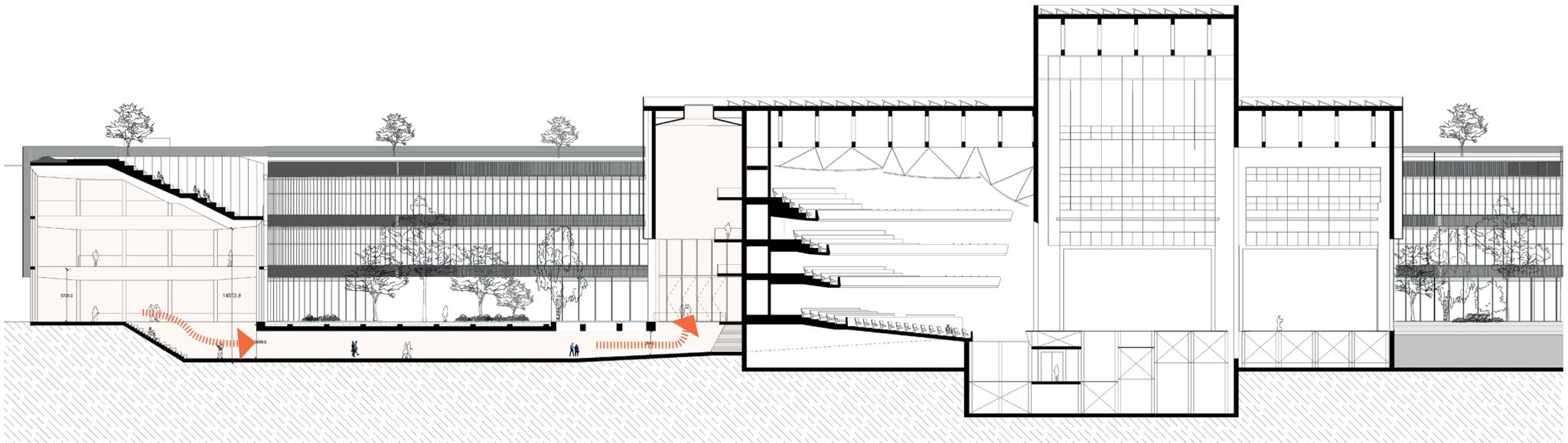
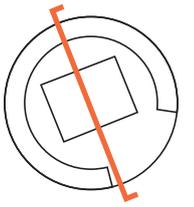
STAGE FOR THE CITY OF BERLIN

GF





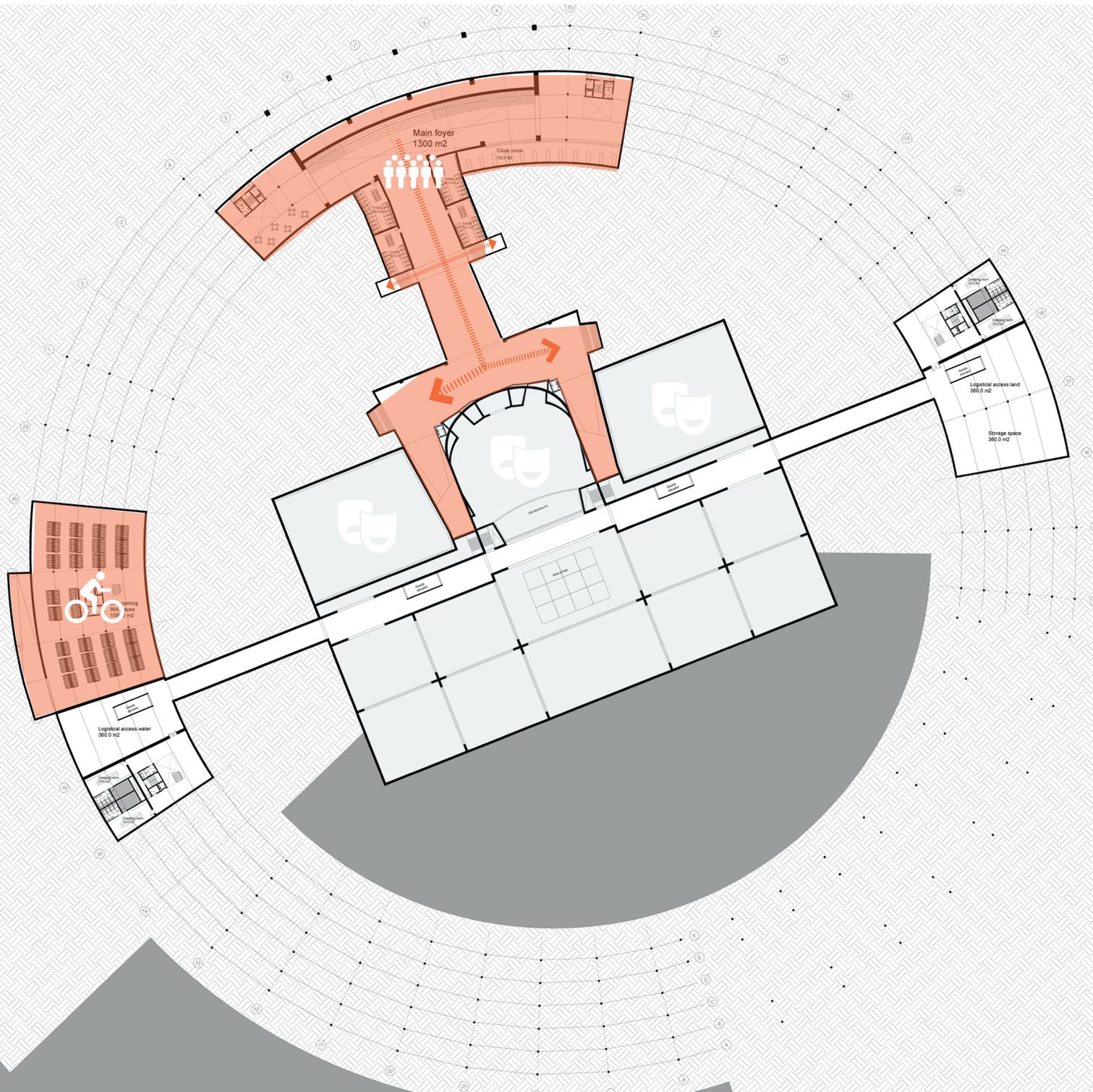
PERFORMANCE HALLS >



PERFORMANCE CONNECTION



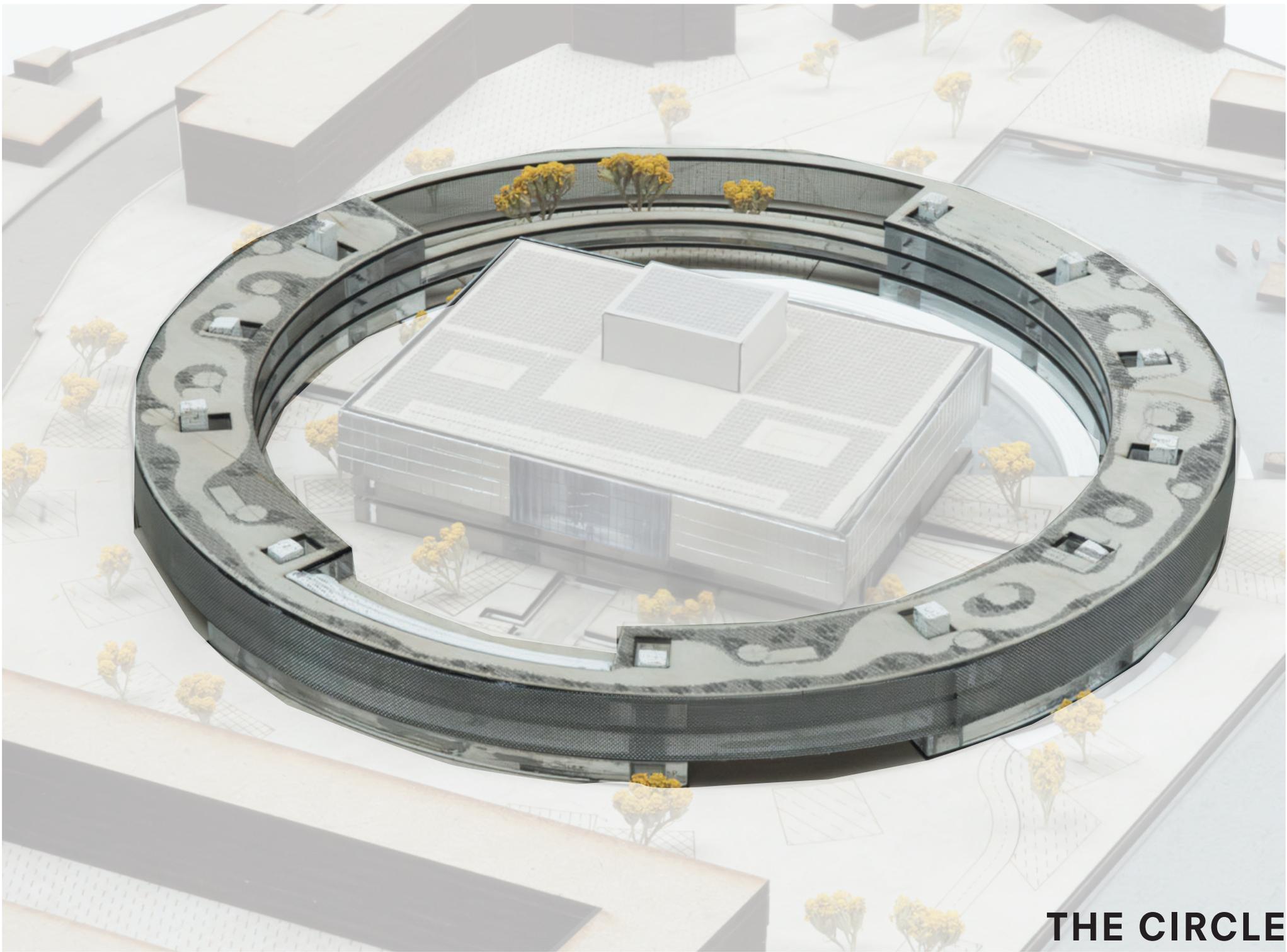
GF



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STAGE FOR THE CITY OF BERLIN



THE CIRCLE

CONCLUSION

An architectural rendering of a modern interior space. The ceiling is a dark, textured grid with recessed linear lighting. Large windows on the left offer a view of a green landscape. A woman with a yellow backpack and two children are walking away from the viewer. Two men are sitting on colorful ottomans in the foreground, talking. A staircase is visible in the background.

PERFORMANCE EXCHANGE



VISITORS EXCHANGE

A modern architectural rendering of a building with a grid facade of vertical and horizontal panels. The lower portion of the building features large glass windows. In the foreground, a group of people are ice skating on a rink. The scene is set against a sky with falling snow. A black banner with white text is overlaid on the building's facade.

VISUAL CONNECTIONS



ACCESSIBLE SPACE



**OPERA
BERLIN**

A black and white photograph of an audience in an opera house. The audience members are shown from the chest up, seated in a balcony. They are clapping and pointing, indicating they are enjoying the performance. The balcony railing is ornate with floral and leaf carvings. The background shows the dark interior of the theater with some stage lights visible. A central graphic element consists of a white square with a black cross-like shape cut out of it, containing the text 'OPERA BERLIN'.

**OPERA
BERLIN**



**OPERA
BERLIN**



THE STAGE FOR BERLIN