SOMEONE // SOMEWHERE

THE EUROPEAN UNION, A HOME FOR SO MANY DIFFERENCES

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THE EUROPEAN UNION, A HOME FOR SO MANY DIFFERENCES

ISSUE
25-05-2020

Program of Today

Architect as Explorer
Willie Vogel

Design Concept
-
Architect as Organiser
Sophie van Riel

Architect as Builder of Engaging Constructions
-
Italo de Vroom

- projects -

Sophie van Riel
Willie Vogel
Italo de Vroom

Conclusion
Italo de Vroom

EXHIBITION

NHS FOR A PEOPLE'S VOTE
Goths against Brexit
TORIES OUT NOW
STOP BREXIT
Make Us Worse Off
AUSTERITY IS TO BLAME NOT THE EU
PUT IT TO THE PEOPLE
REVOTE REVOKE
A MINORITY WANT LEAVE
FREE MOVEMENT FOR ALL

How can we generate a place, which is related to different scales (the 18 moorings / EU), related to multiple actors and their stories, in which one can feel at home?

PRELIMINARY STUDIES

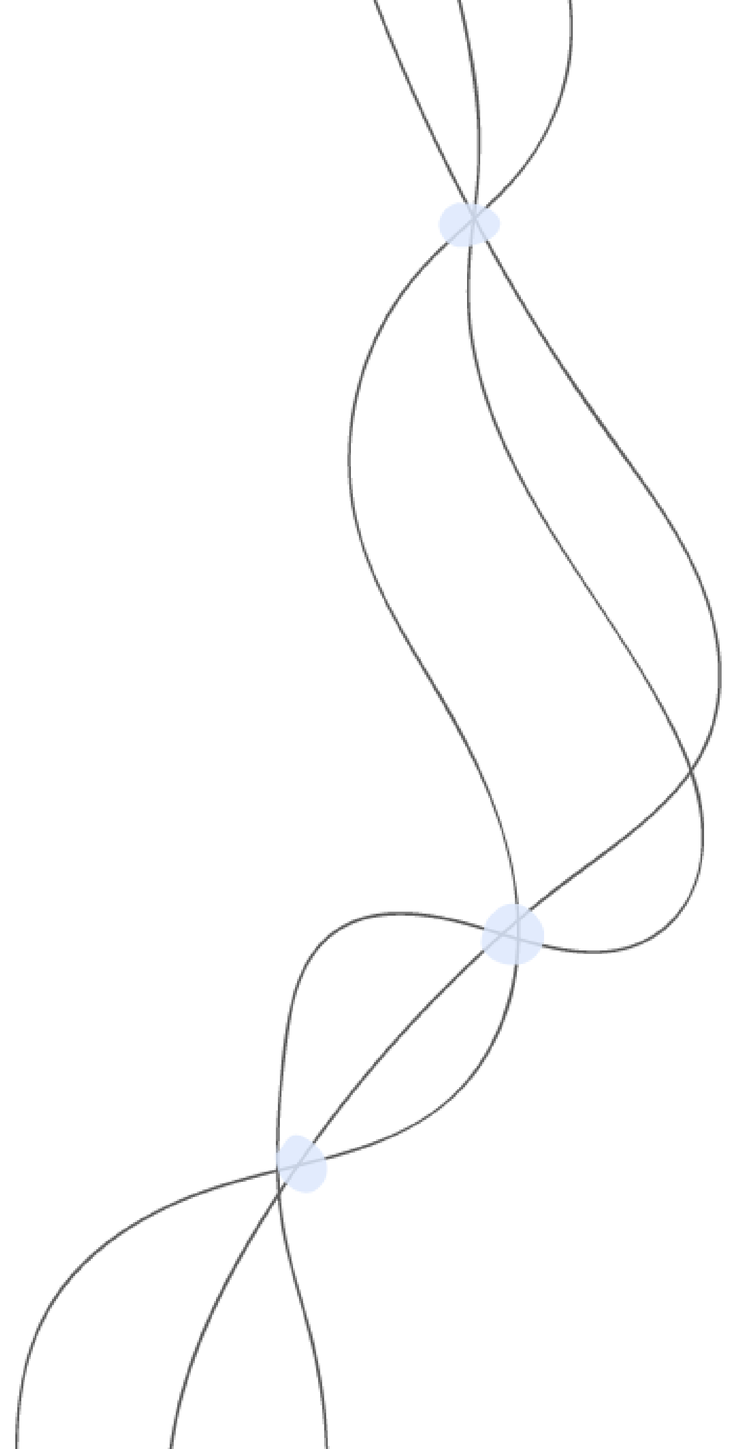
OVERVIEW

Roots and Routes

Public Sphere

Tools from Literature

describing, prescribing,
close reading etc.



PRELIMINARY STUDIES

Growth of the EU

The Netherlands | Belgium | Luxembourg | Germany | France | Italy

The Netherlands | Belgium | Luxembourg | Germany | France | Italy | United Kingdom | Ireland | Denmark

The Netherlands | Belgium | Luxembourg | Germany | France | Italy | United Kingdom | Ireland | Denmark | Greece

The Netherlands | Belgium | Luxembourg | Germany | France | Italy | United Kingdom | Ireland | Denmark | Greece | Greenland | Spain | Portugal

The Netherlands | Belgium | Luxembourg | Germany | France | Italy | United Kingdom | Ireland | Denmark | Greece | Greenland | Spain | Portugal | Sweden | Finland | Austria

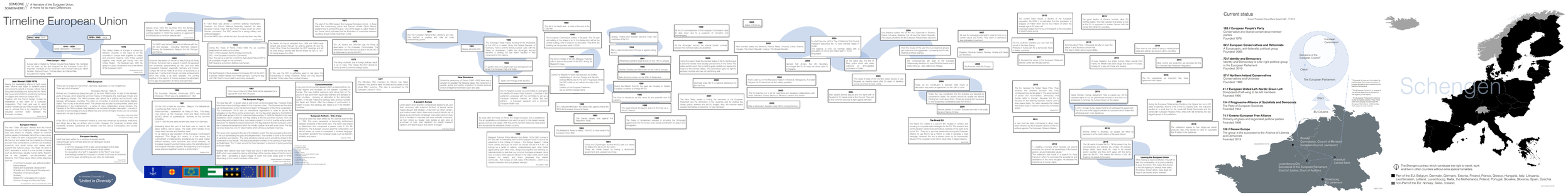
The Netherlands | Belgium | Luxembourg | Germany | France | Italy | United Kingdom | Ireland | Denmark | Greece | Greenland | Spain | Portugal | Sweden | Finland | Austria | Cyprus | Malta | Poland | Estonia | Latvia | Lithuania | Slovenia | Slovakia | Czech Republic | Hungary

The Netherlands | Belgium | Luxembourg | Germany | France | Italy | United Kingdom | Ireland | Denmark | Greece | Greenland | Spain | Portugal | Sweden | Finland | Austria | Cyprus | Malta | Poland | Estonia | Latvia | Lithuania | Slovenia | Slovakia | Czech Republic | Hungary | Bulgaria | Romania

The Netherlands | Belgium | Luxembourg | Germany | France | Italy | Ireland | Denmark | Greece | Greenland | Spain | Portugal | Sweden | Finland | Austria | Cyprus | Malta | Poland | Estonia | Latvia | Lithuania | Slovenia | Slovakia | Czech Republic | Hungary | Bulgaria | Romania | Croatia

Serbia | Turkey | Montenegro | Kosovo | Bosnia and Herzegovina

Timeline EU



FIELD RESEARCH

FIELD RESEARCH

THE VAN

OUR HOME FOR 5 WEEKS

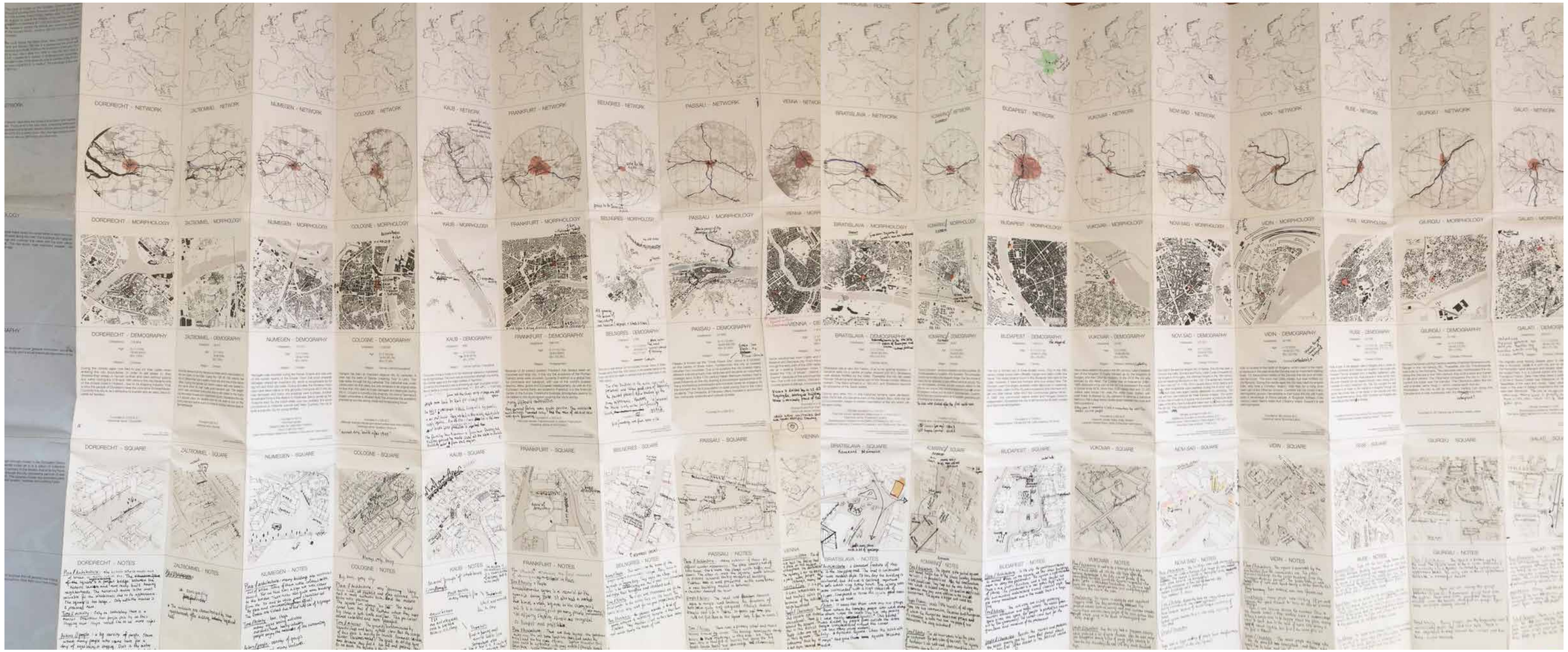
ISSUE DE SECOURS

EXPLORING OUTSIDE THE INSTITUTE

CONDUCTING RESEARCH

ROADMAP

PEOPLE, ACTION, SETTING

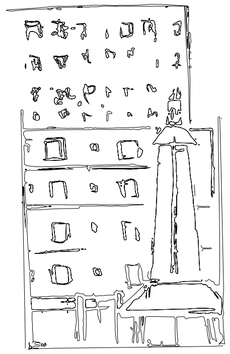


CHARACTERS

OVERVIEW

CHARACTER

GIURGIU



This little old man, wearing an Ottoman hat and a Habsburg suit under his communist coat, seems to fit all the seasons he has had to bear. He likes to walk in his old Habsburg neighbourhood, thinking about the business the Ottoman sunrays once contained. When he takes a seat in one of just two coffeeshops he looks through the window and watches a few luxurious cars drive by. He has difficulties with the manners of the people driving these cars. On other days he takes his book and will settle himself on a bench outside. The grey concrete blocks that surround him take on a repetition and vanish to the back of his mind. He knows that the younger generation have difficulties connecting to him. Because he is not youthful anymore, with his broken bloodstreams and weak organs.

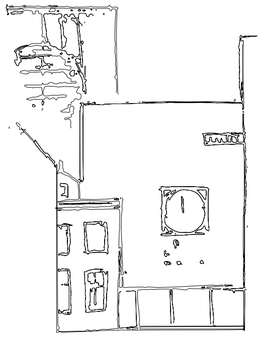
CHARACTER

BEILNGRIES

Beilngries is a well feed cheerful lady. She is dressed in a pastel coloured dress and is well-off. She is not an active type of lady, but enjoys the comfort of neatness6 and the presence of acquaintances. She is surrounded by her green hills, which her family and summer tourists enjoy. She loves to have her children stay nearby and that her family is not interested in people from abroad. As long as her husband also stays nearby, she believes that her family awaits a comfortable and familiar future.

CHARACTER

BRATISLAVA



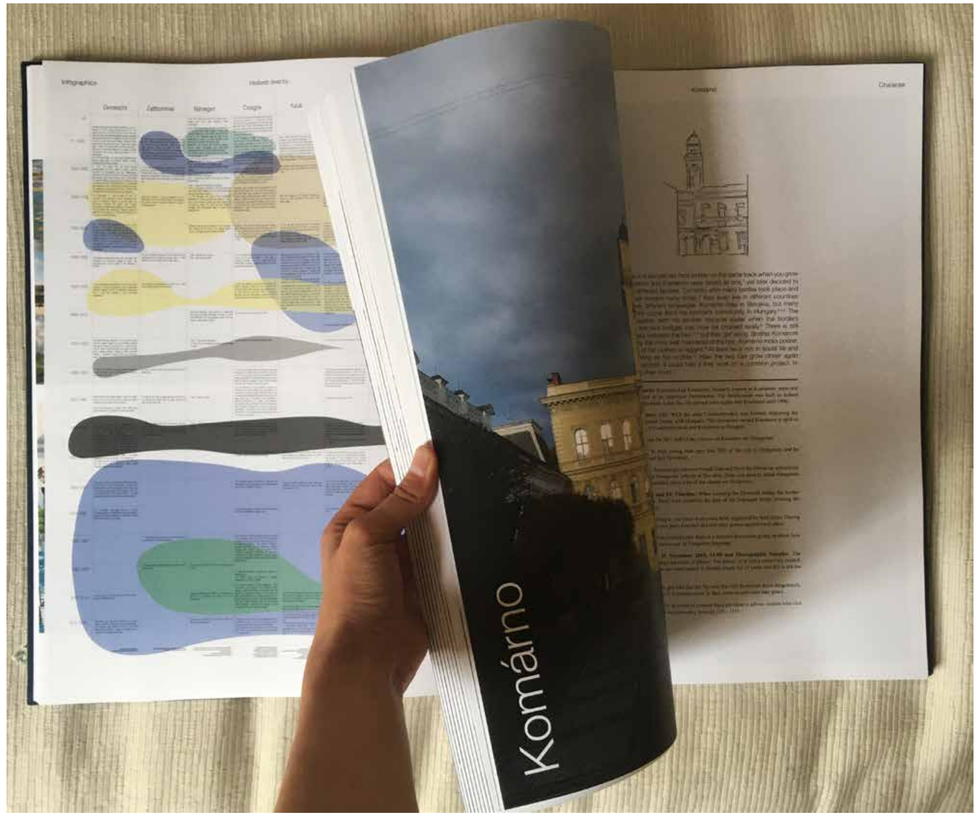
Once he was an actor with a superstar status. With this high status came the influence of the industry that wanted him to change role. Even under communism he made a good impression, his style of play is still very visible. His current role is as head of state and he has to perform a new kind of show. However, the main story writers do not really know what to do with him. It is sad to see him impacted by the paralysis of freedom. Currently, he wants to be natural and fresh, just as his former rival Buda is trying to do. Working together with the main actors around could benefit him in the future. Therefore, he must put aside his history, start afresh, and look to what being part of the EU, having open borders and funds for cooperation can bring.

MAIN FINDINGS

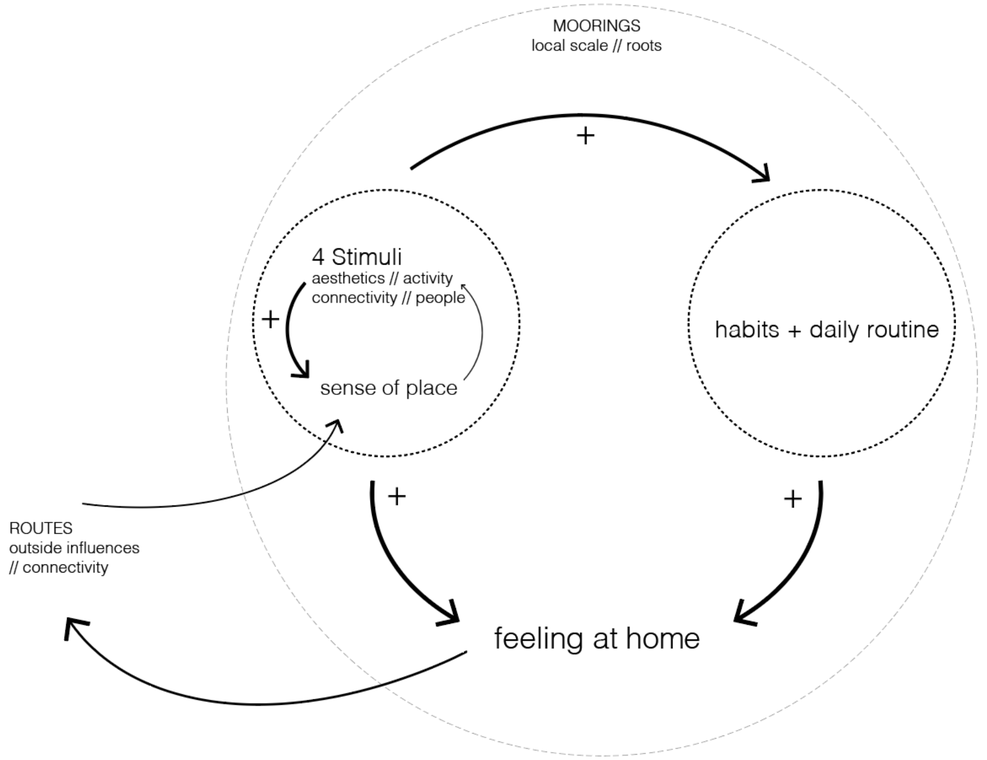
OVERVIEW

How can we generate a place, which is related to different scales (the 18 moorings / EU), related to multiple actors and their stories, in which one can feel at home?

RESEARCH SUMMARY



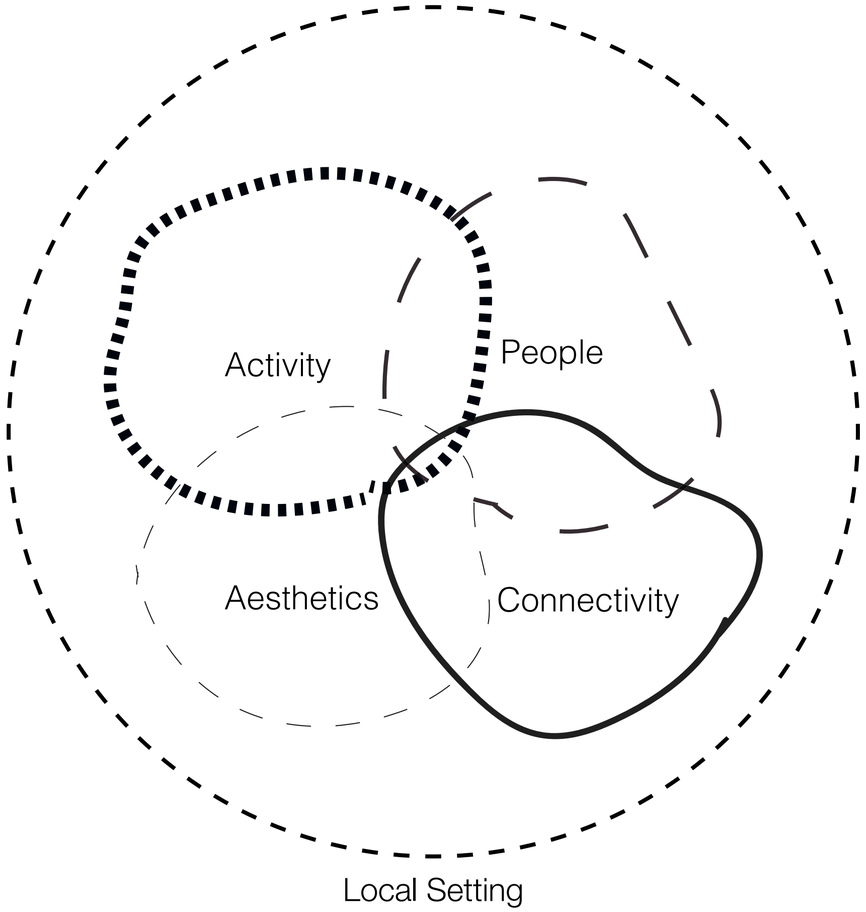
Atlas

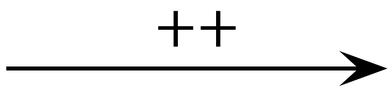


Research Diagram

DAILY ROUTINE

EMPHASIZING ROOTS

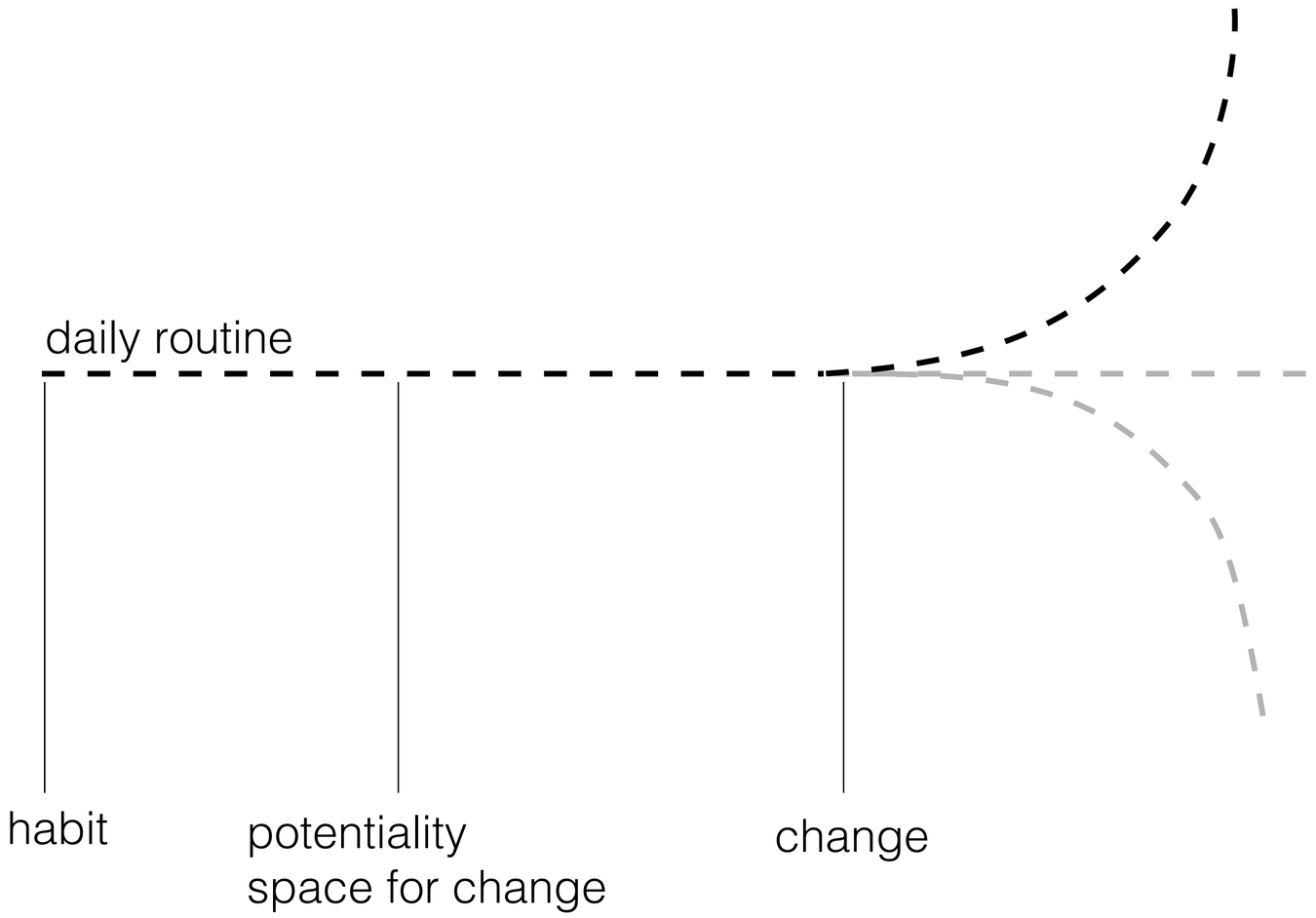




FEELING AT HOME

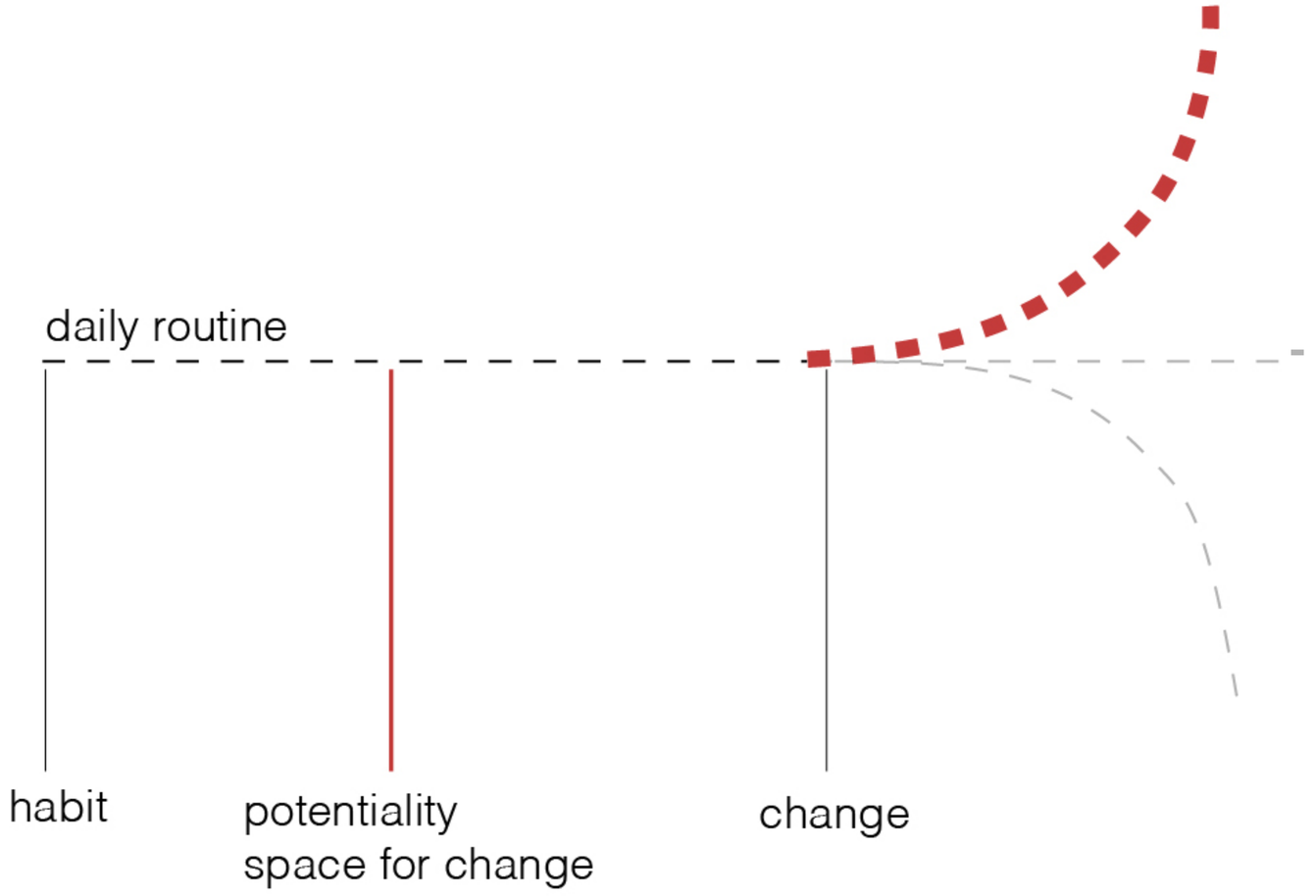
DAILY ROUTINE

SPACE FOR CHANGE



ROOTS AND ROUTES

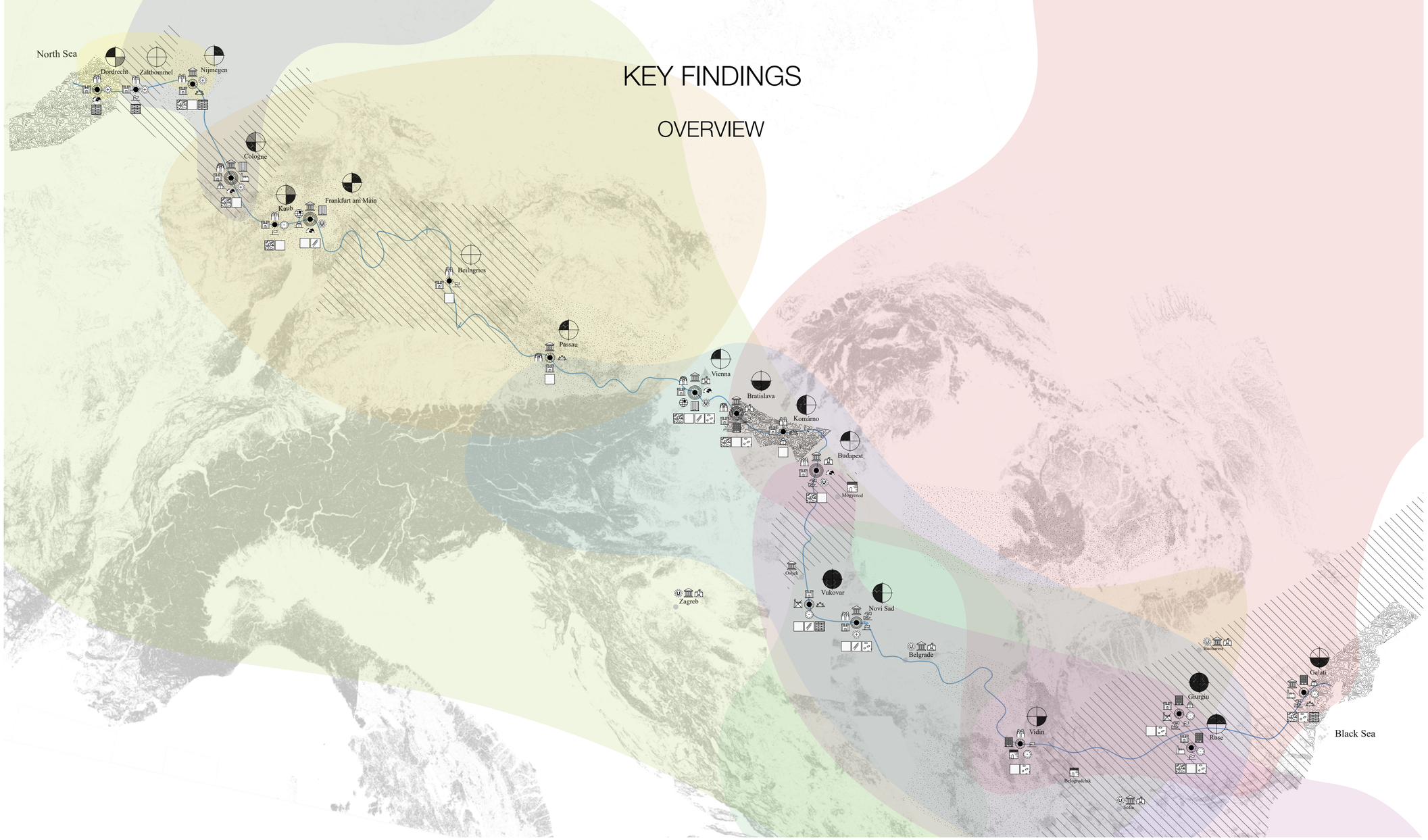
DAILY ROUTINE AND ITS POTENTIALITIES



rumta via - breaking open a way through a territory and finding one's way, understanding the environment much better.

KEY FINDINGS

OVERVIEW



Population City.

- 1.000.000 > (metropolis) high density
- 100.000 - 1.000.000 (medium/large city) medium density
- 10.000 tot 100.000 (large town) medium-low density
- < 10.000 (town) low density

Route.

Total length Rhine: 1233 km
Route along the Rhine: 401 km

Total length Main: 525 km
Route along the Main: 272 km

Total length Rhine–Main–Danube Canal: 171 km
Route along the Rhine–Main–Danube Canal: 171 km

Total Length Danube: 2850 km
Route along the Danube: 1931 km

SOMEONE // SOMEWHERE
a Narrative of the European Union
a Home for so many Differences

0 — 100 km

City findings.

- communist architecture
- capitalist architecture
- historical town
- industry / abandoned industry
- city: growing / magnet / shrinking
- mass tourism / tourism
- relevant harbour
- trade city / corruption
- national / european / global
- university city
- capital
- international centre

Materials.

- glass
- bricks
- plaster
- concrete
- natural stone
- vernecular architecture

Political Forces.

- Communism
- Capitalism
- House of Habsburg
- Golden age
- Holy Roman Empire
- Yugoslav Wars
- Ottoman Empire
- Hanseatic League

Landscape.

- production landscape
- forests/nature park
- delta

Home.

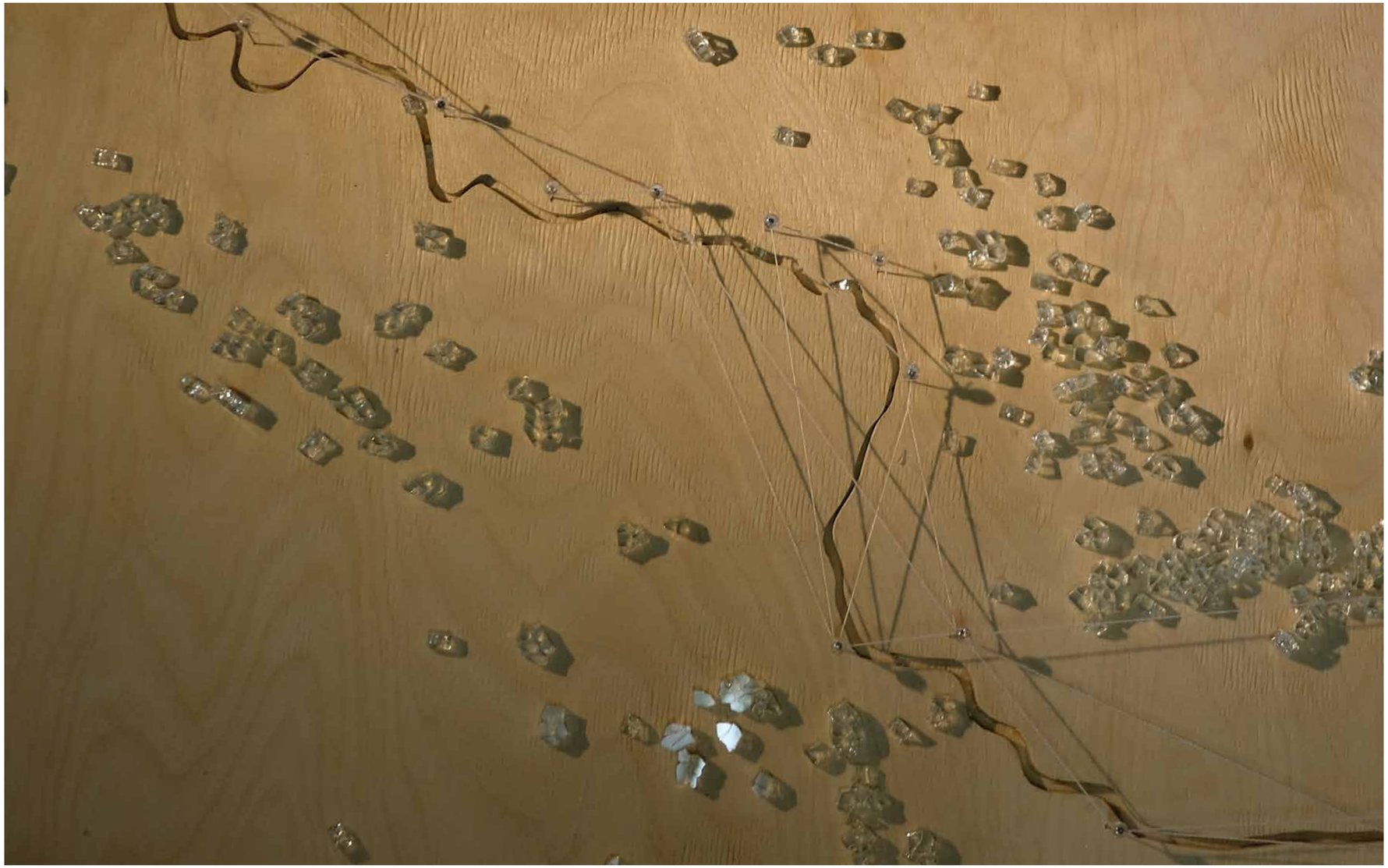
People — Infrastructure — Aesthetics — Activity

- Incomplete
- Intermediate
- Complete

Date
20/01/2019

Graduation Studio
Explore Lab

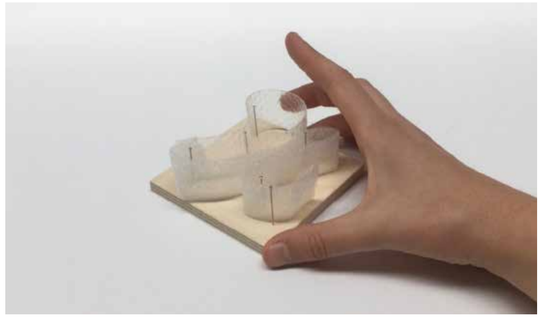
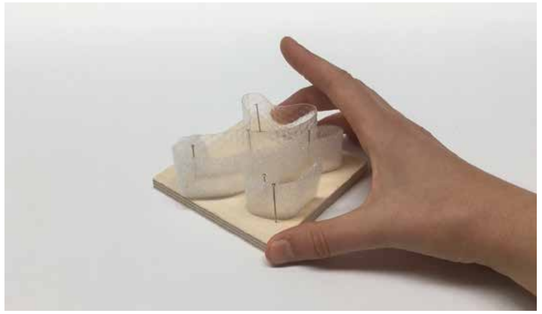
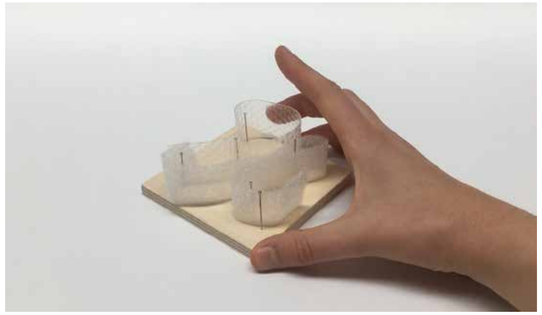
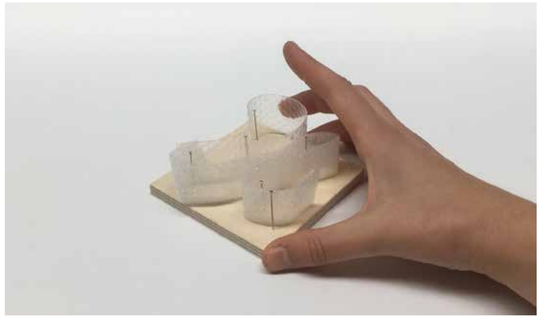
Students
Sophie van Riel
Willie Vogel
Italo de Vroom



Design Concept

19 TOPIAS (18 PAVILIONS AND 1 SHIP)

TANGIBILITY

19 TOPIAS

18 PAVILIONS AND 1 SHIP

Etymology

[GREEK TOPOS, PLACE.]
A PLACE WITH SPECIFIED CHARACTERISTICS.

Suffix

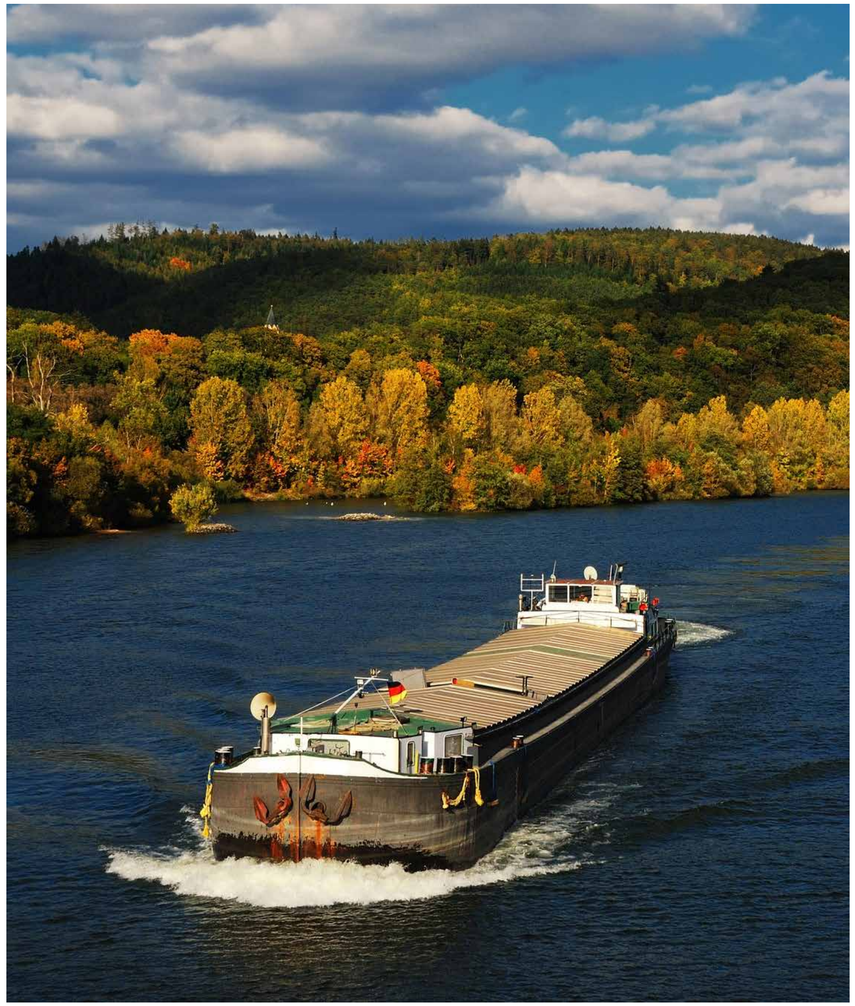
[-TOPIA]
PARADISE.
(BY EXTENSION) ANY GEOGRAPHIC REGION.

18 PAVILIONS

A LIGHT ROOFED STRUCTURE USED AS A SHELTER IN A PUBLIC PLACE.
OFTEN ASSOCIATED WITH LEISURE

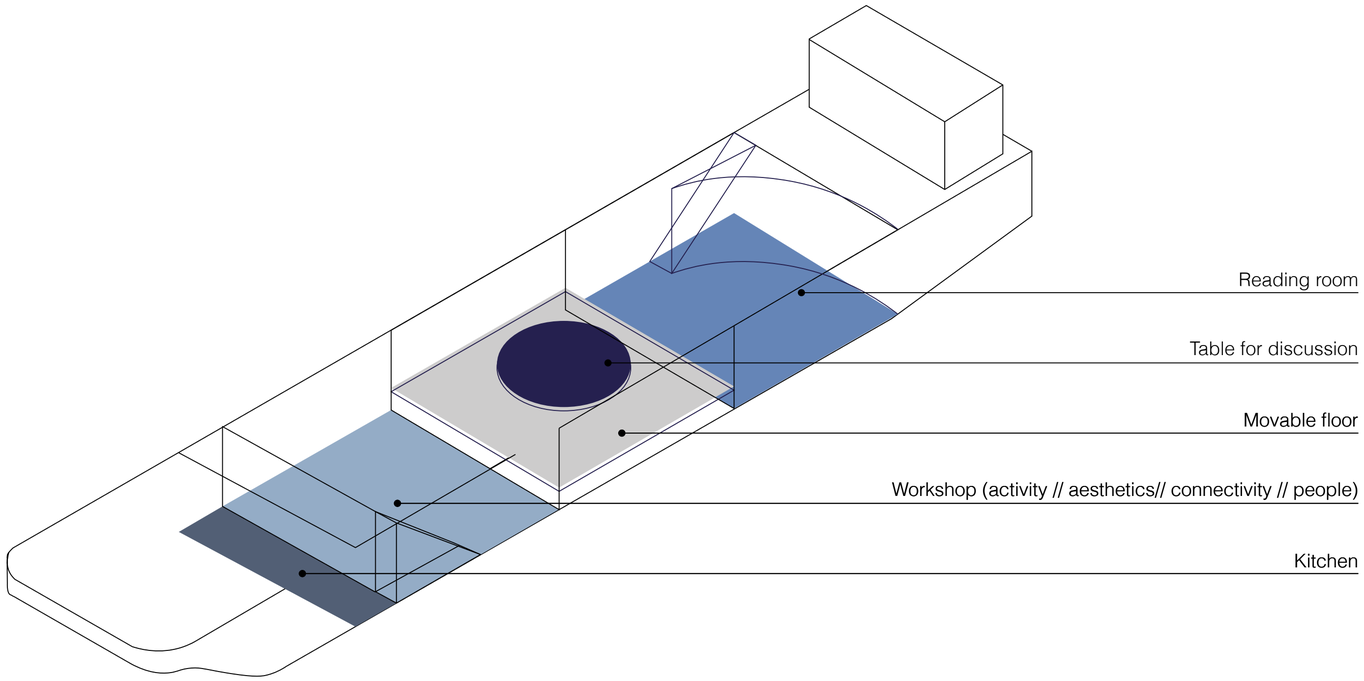
1 SHIP

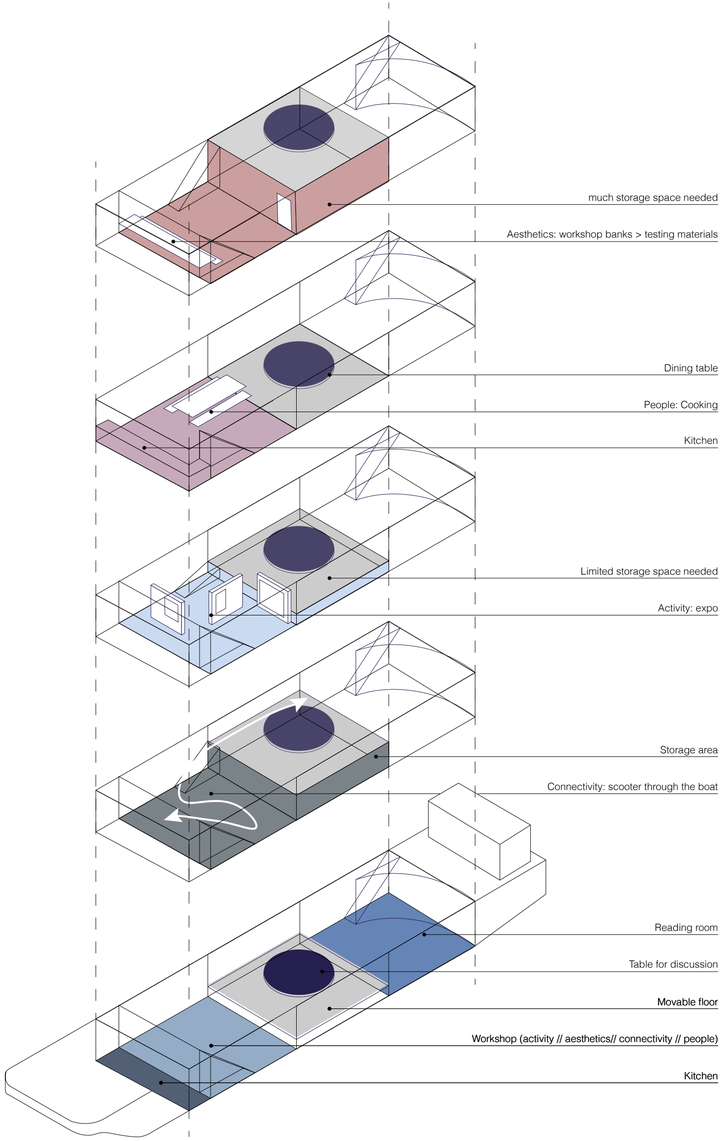
CONNECTOR BETWEEN THE PAVILIONS



Source: http://stockcargo.eu/waterways-barge-transport/

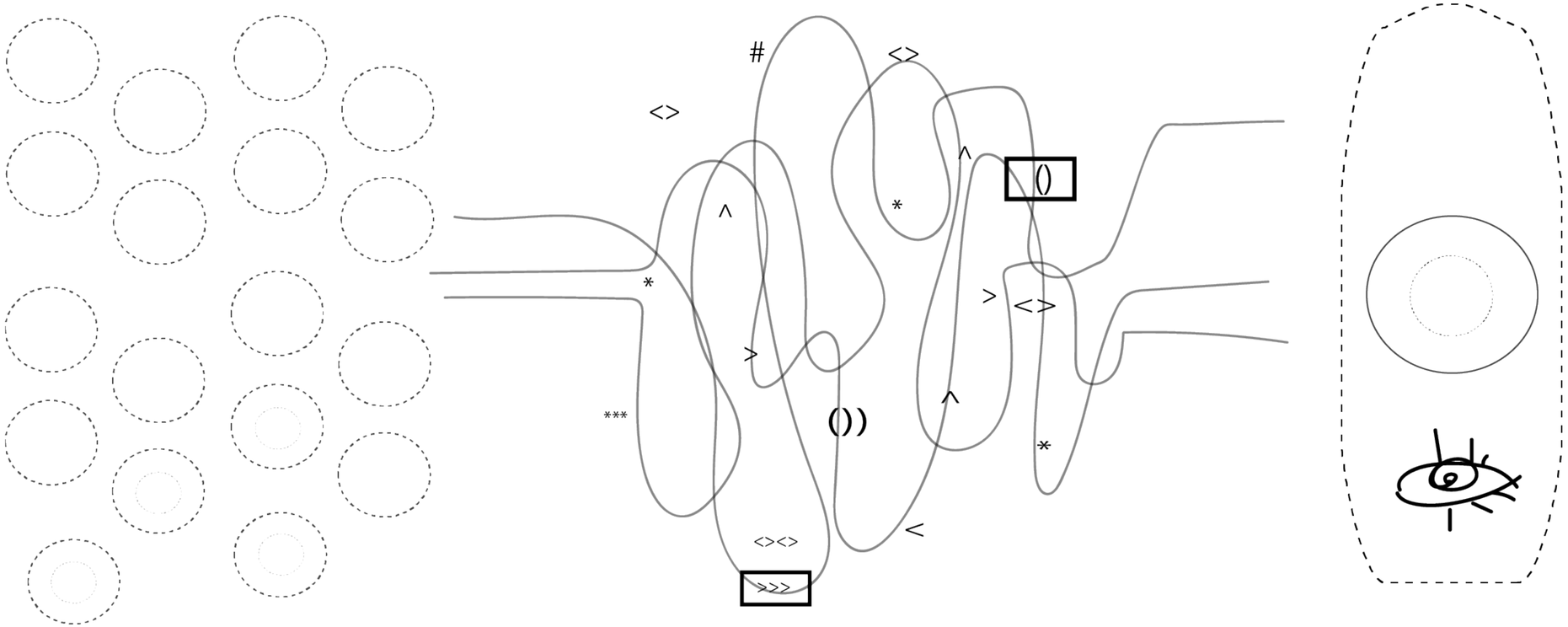
FLOATING -TOPIA





DESIGN CONCEPT

DIAGRAM



Architect as Organiser

DESIGN METHOD 18 TOPIA PAVILIONS

5 TOOLS

OVERVIEW

Shape

Colour

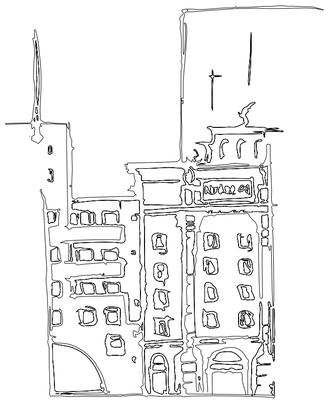
Door Handle & Material

Light

Location

SHAPE

OVERVIEW



Vienna

Dordrecht

Zaltbommel

Nijmegen

Cologne

Kaub

Frankfurt am Main

Beilngries

Passau

Vienna

Bratislava

Komárno

Budapest

Galati

Novi Sad

Vidin

Ruse

Giurgiu

Galati

COLOUR

OVERVIEW

Dordrecht

Dordrecht

Zaltbommel

Nijmegen

Cologne

Kaub

Frankfurt am Main

Beilngries

Passau

Vienna

Bratislava

Komárno

Budapest

Galati

Novi Sad

Vidin

Ruse

Giurgiu

Galati

DOOR HANDLE AND MATERIAL

OVERVIEW

Vienna

Dordrecht

Zaltbommel

Nijmegen

Cologne

Kaub

Frankfurt am Main

Beilngries

Passau

Vienna

Bratislava

Komárno

Budapest

Galati

Novi Sad

Vidin

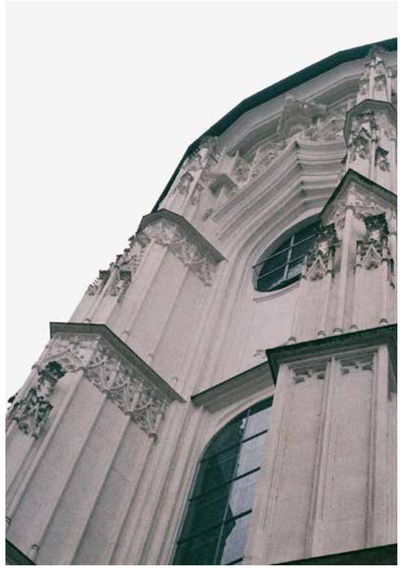
Ruse

Giurgiu

Galati

LIGHT

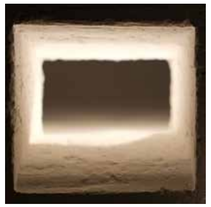
OVERVIEW



Vienna

Dordrecht

Zaltbommel



Nijmegen

Cologne

Kaub

Frankfurt am Main

Beilngries

Passau

Vienna

Bratislava

Komárno

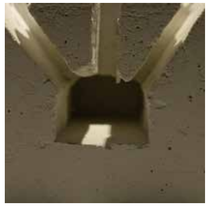
Budapest

Vukovar

Novi Sad

Vidin

Ruse

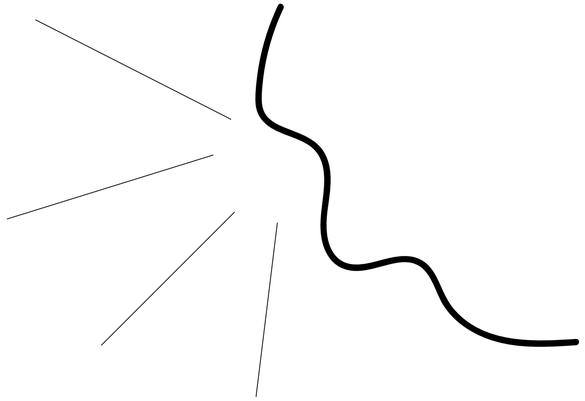


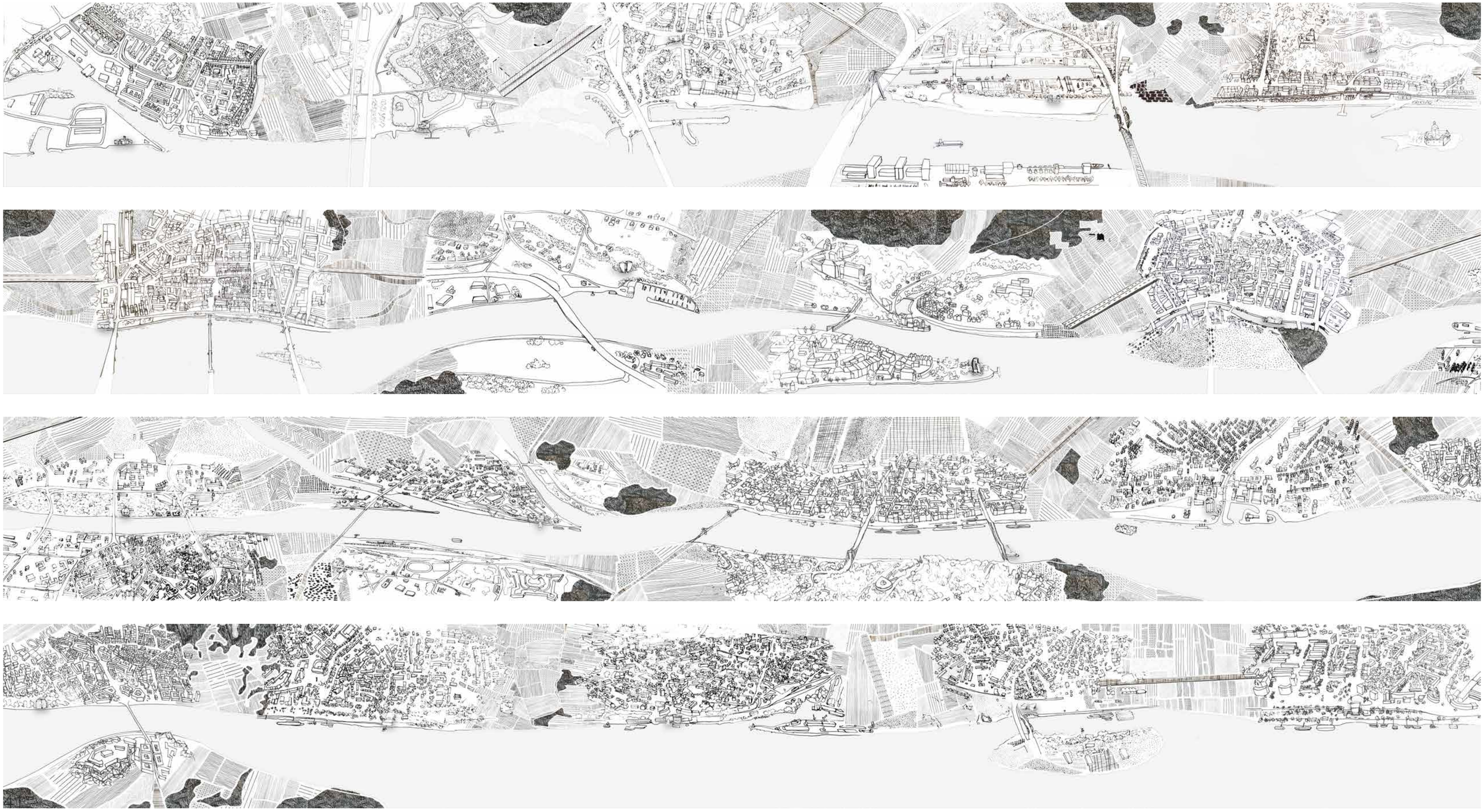
Giurgiu

Galati

LOCATION

CONNECTED TO RIVER (ROUTE)





DESIGN ROADMAP

OVERVIEW

PLACE

Architecture is always situated within a large pattern of streets and building blocks which together form a coherent piece. In our research, we read and describe the city fabric in multiple ways. In these aerial views the surrounding streets and buildings of our design locations are highlighted. The sketches show the first glimpse of the design proposals in the existing fabrics.

SHAPE

To capture the character/spirit of the places in shape we moulded 18 models. The shapes take many different forms and translate our view on the towns/cities freely - they are an interpretation of the characteristics we discovered during our field research.

LIGHT

Moving across the countries surfaces we noticed how different the sun hits the places. Going further south and more east the light vibrated differently through the streets. In order to express the locality of the places in our architectural designs, we discussed for each of the 18 towns/cities the right light raid. Light can set up an atmosphere. It is mysterious, captures emotions and generates energy. The local lights are translated in our designs by the positioning of the (window) openings.

ANALYSIS

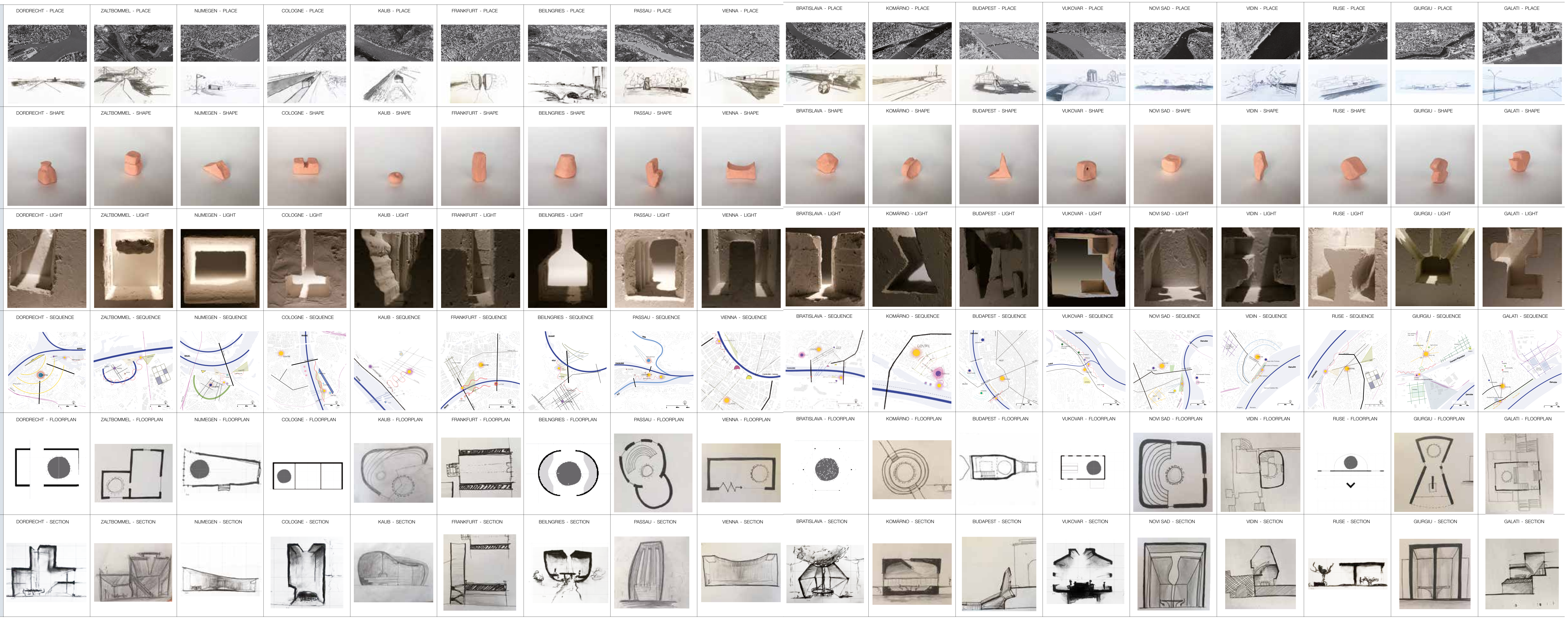
The following images display analyses of the visited cities/town. In our designs we use elements - articulation points - to highlight and connect the surroundings to our architectural designs. Introducing a sequence of elements in the built environment is a powerful tool to strengthen a sense of place. The analyses help to understand where to position these elements and to grasp the place quickly.

DESIGN - FLOOR PLAN

For every city we propose a pavilion. These drawings illustrate the first sketches of the pavilion's floor plans. The plan is always designed around a large table (4 meter in diameter). The table evokes interaction between the users.

DESIGN - SECTION

The initial sections of the 18 pavilions are presented in this set of drawings. These sketches incorporate an indication of the building volume and the light of every specific place.



Architect as Builder of Engaging Constructions

6 PAVILIONS

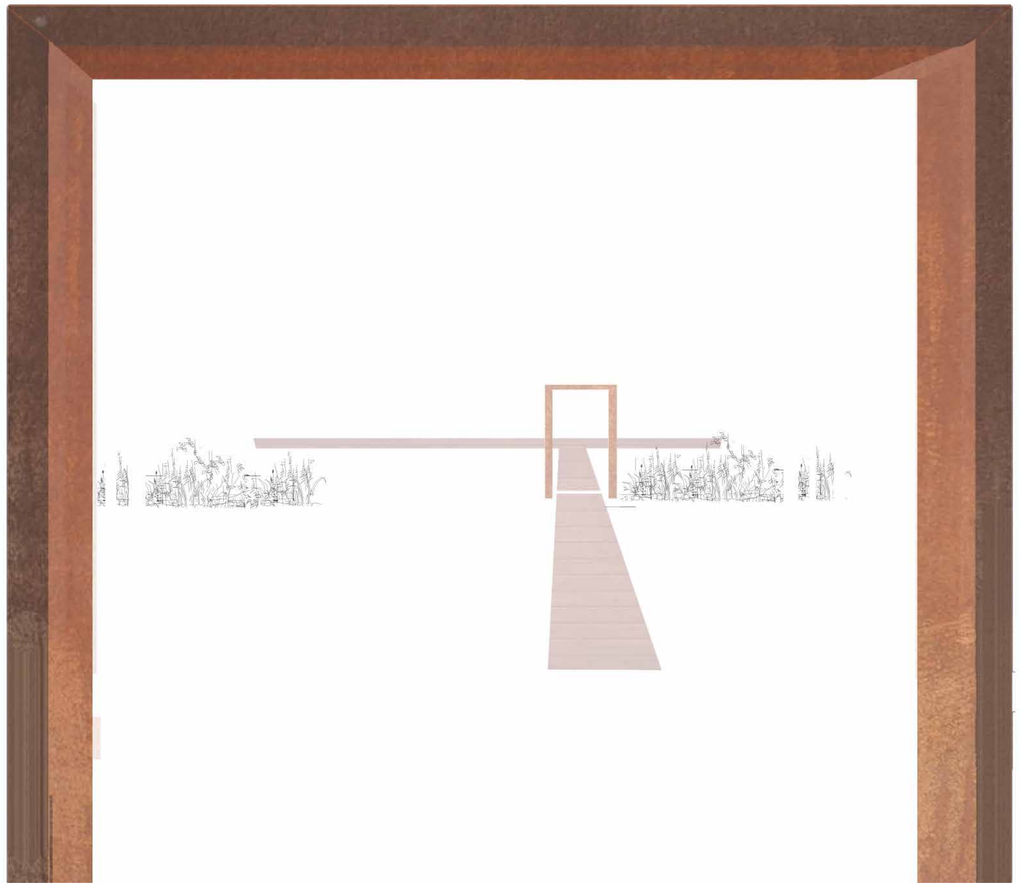
REPEATING ELEMENTS OF DESIGN

ROOTS ALONG A ROUTE

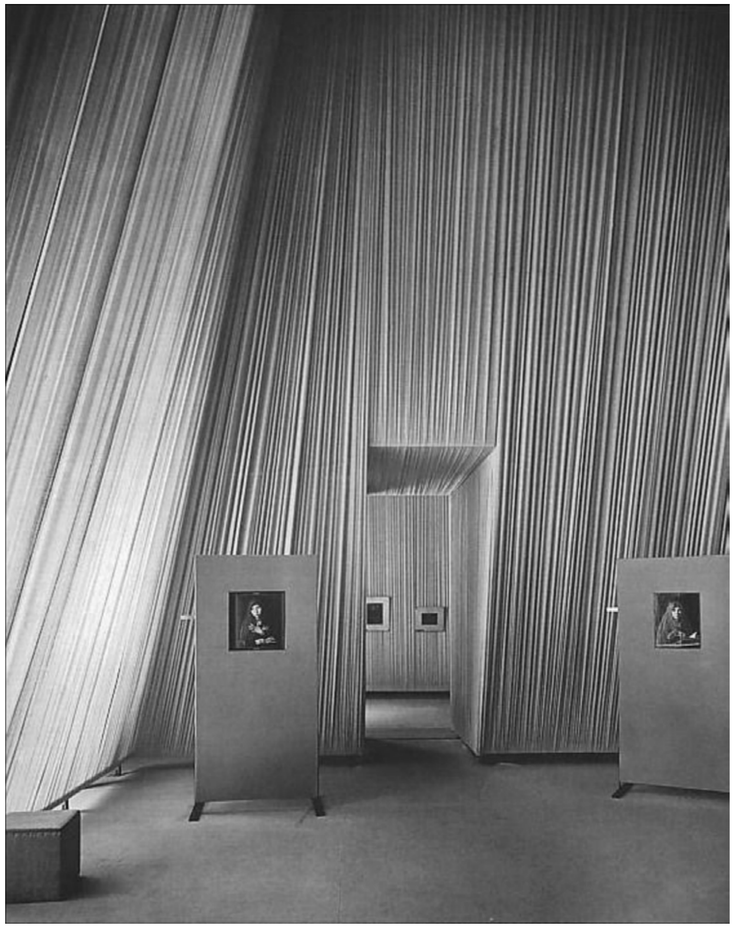
Jetty // Framing
Fabrics
Base // Table

JETTY // FRAMING

RIVER



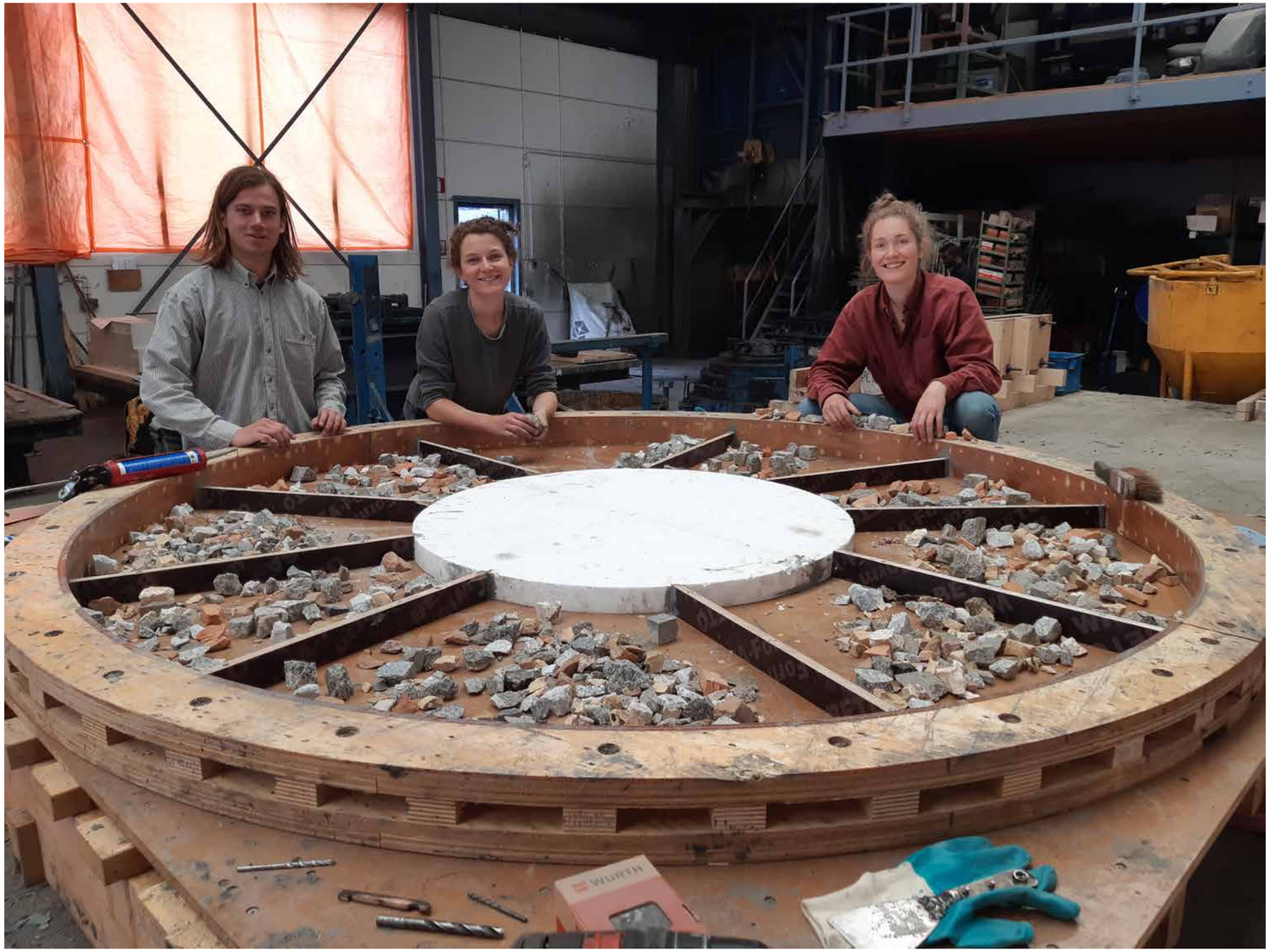
FABRICS



Source: https://officinamacedonia.com/post/23633564248/carlo-scarpa-antonello-da-messina

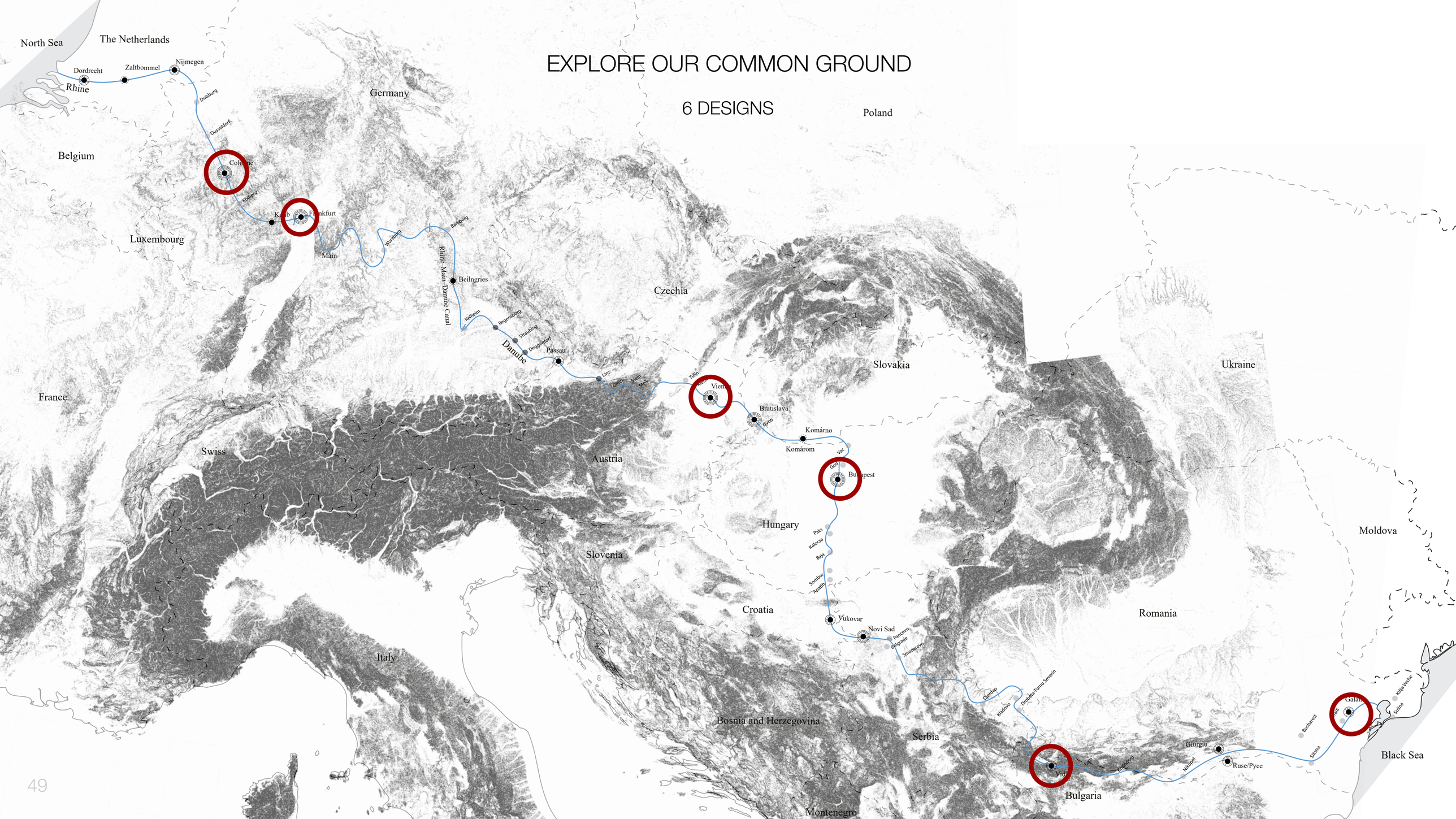
BASE AND TABLE

TABLE 1:2

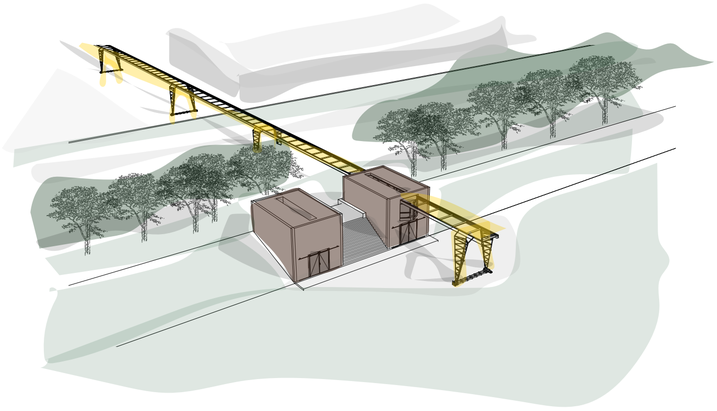


EXPLORE OUR COMMON GROUND

6 DESIGNS



COLOGNE



Main designer: Sophiel // Cologne

Main designer: Willie // Frankfurt am Main

Main designer: Italo // Vienna

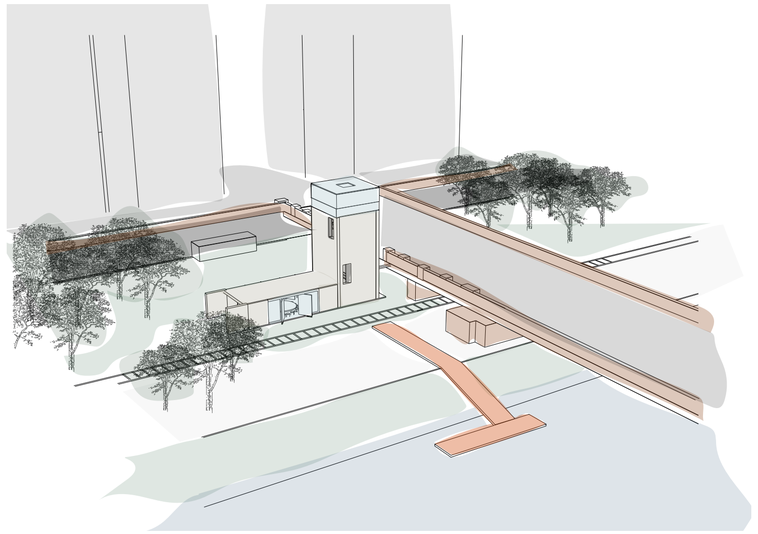
Main designer: Sophie // Budapest

Main designer: Willie // Ruse

Main designer: Italo // Galati

FRANKFURT AM MAIN

Main designer: Sophiel // Cologne



Main designer: Willie // Frankfurt am Main

Main designer: Italo // Vienna

Main designer: Sophie // Budapest

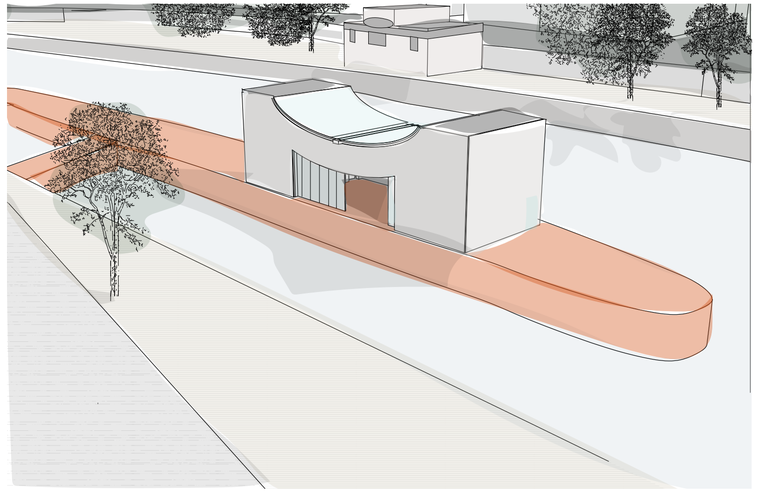
Main designer: Willie // Ruse

Main designer: Italo // Galati

VIENNA

Main designer: Sophiel // Cologne

Main designer: Willie // Frankfurt am Main



Main designer: Italo // Vienna

Main designer: Sophie // Budapest

Main designer: Willie // Ruse

Main designer: Italo // Galati

BUDAPEST

Main designer: Sophiel // Cologne

Main designer: Willie // Frankfurt am Main

Main designer: Italo // Vienna

Main designer: Sophie // Budapest

Main designer: Willie // Ruse

Main designer: Italo // Galati

RUSE

Main designer: Sophiel // Cologne

Main designer: Willie // Frankfurt am Main

Main designer: Italo // Vienna

Main designer: Sophie // Budapest

Main designer: Willie // Ruse

Main designer: Italo // Galati

GALATI

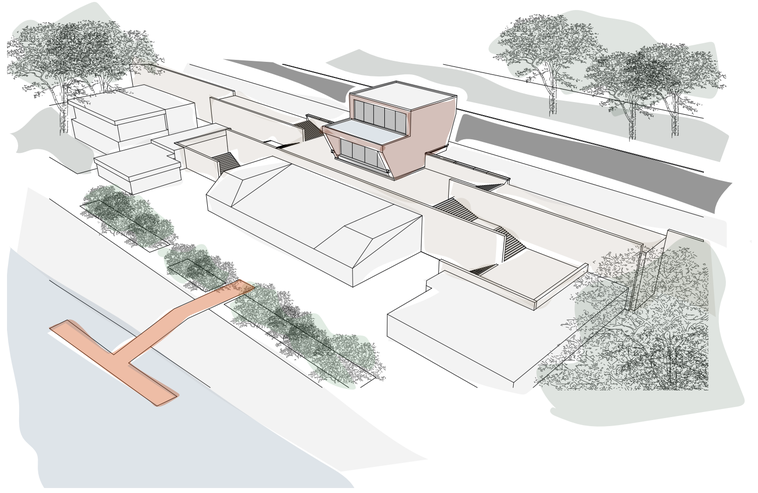
Main designer: Sophiel // Cologne

Main designer: Willie // Frankfurt am Main

Main designer: Italo // Vienna

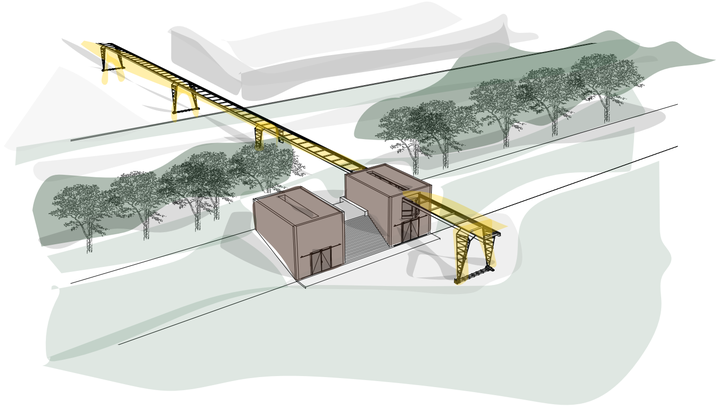
Main designer: Sophie // Budapest

Main designer: Willie // Ruse

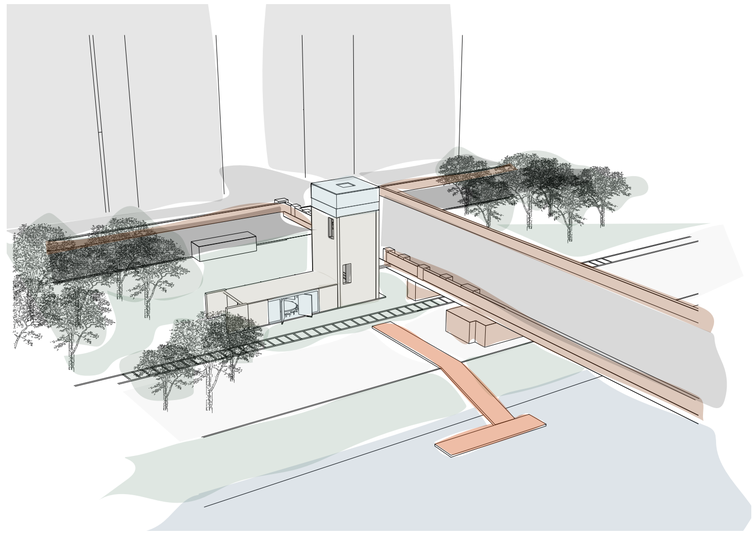


Main designer: Italo // Galati

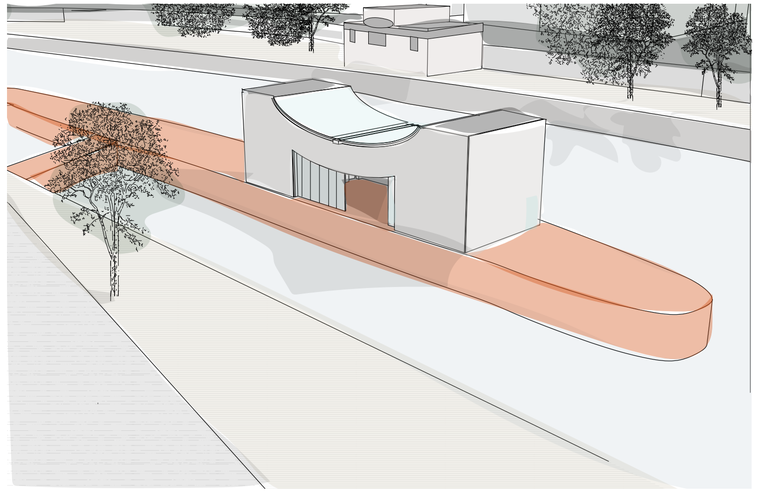
PICK OUR NEXT DESTINATION!



Main designer: Sophie // Cologne



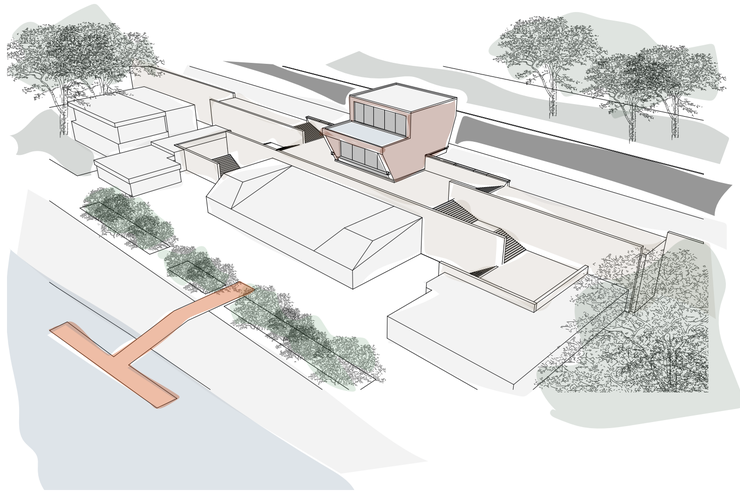
Main designer: Willie // Frankfurt am Main



Main designer: Italo // Vienna

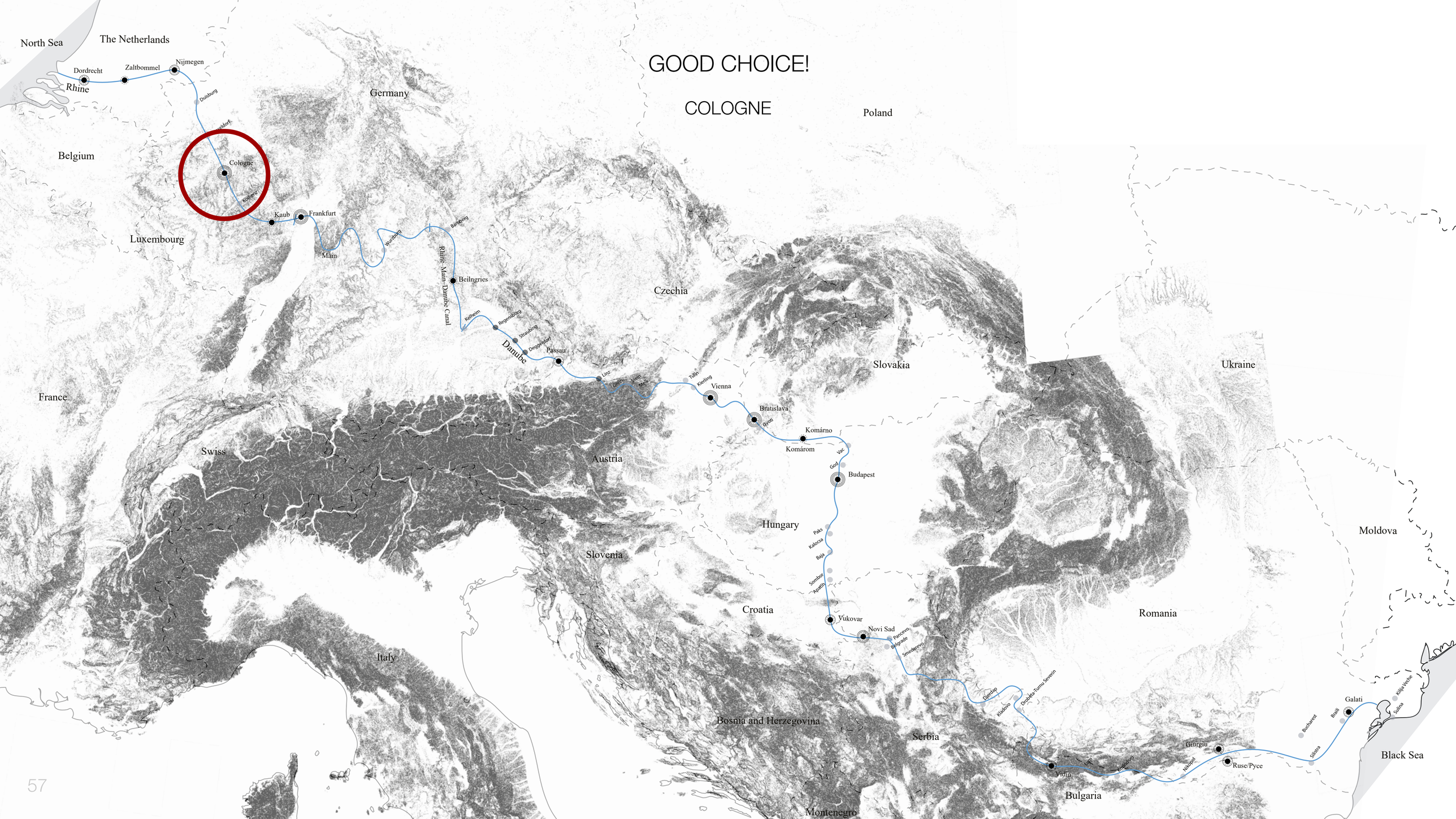
Main designer: Sophie // Budapest

Main designer: Willie // Ruse

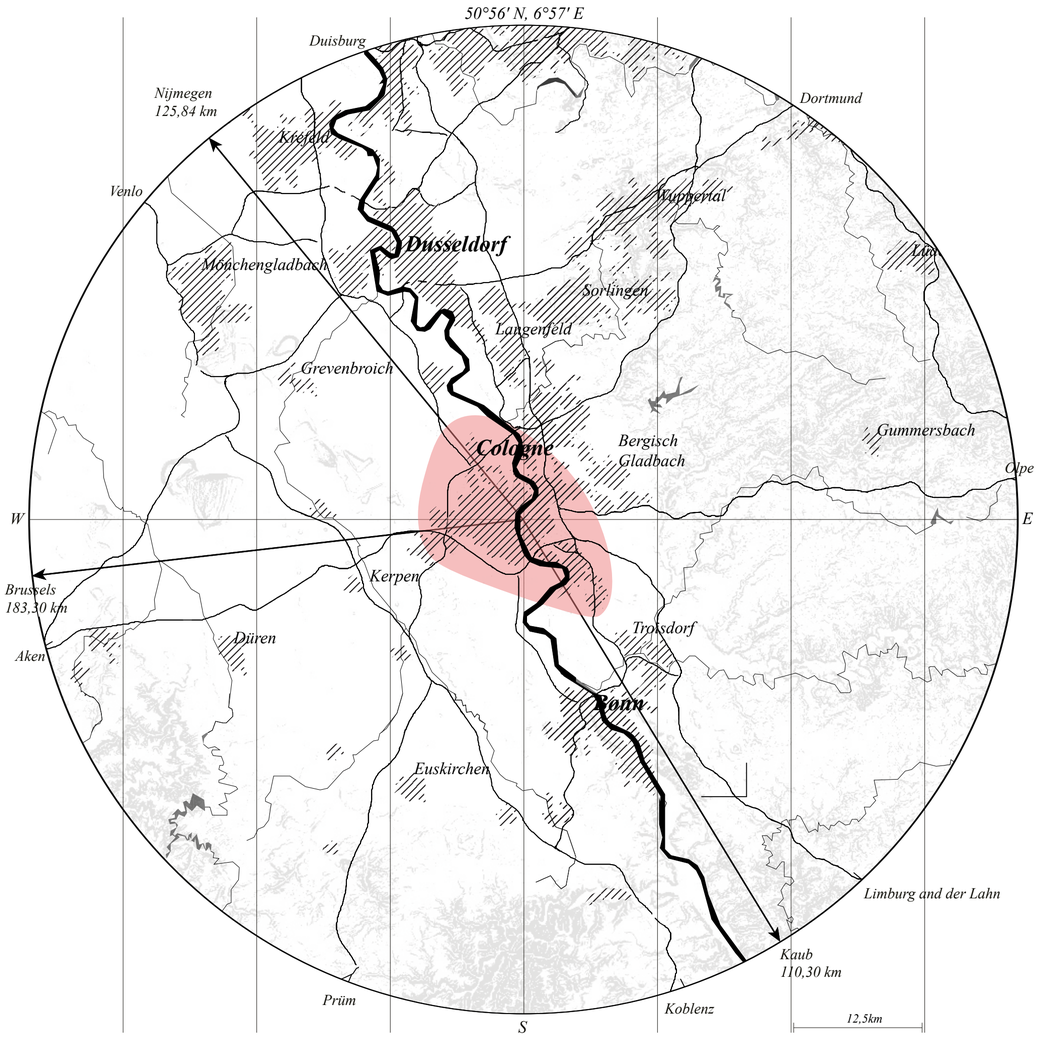


Main designer: Italo // Galati

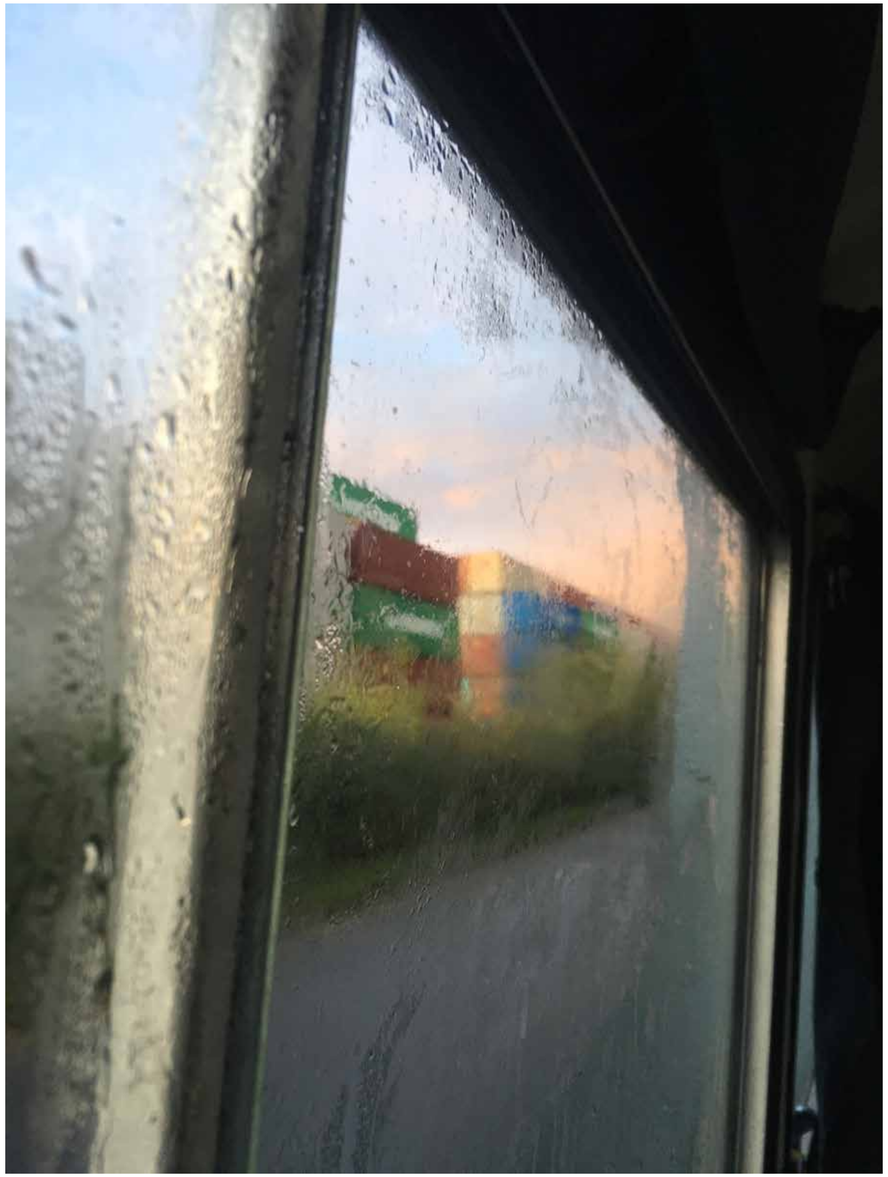
END


GOOD CHOICE!
COLOGNE
North Sea
The Netherlands
Germany
Poland
Belgium
Luxembourg
France
Swiss
Austria
Czechia
Slovakia
Ukraine
Hungary
Moldova
Slovenia
Croatia
Romania
Italy
Bosnia and Herzegovina
Serbia
Montenegro
Bulgaria
Black Sea
Rhine
Dordrecht
Zaltbommel
Nijmegen
Duisburg
Cologne
Koblenz
Kaub
Frankfurt
Main
Wurzburg
Bamberg
Rhine-Main-Danube Canal
Beilngries
Kelheim
Regensburg
Straubing
Deggendorf
Passau
Danube
Linz
Grein
Ybbs
Melk
Tulln
Klerling
Vienna
Bratislava
Gyor
Komárno
Komárom
Vac
God
Budapest
Paks
Kalocsa
Baja
Somkor
Apatin
Vukovar
Novi Sad
Pancevo
Belgrade
Smederevo
Djerdap
Kladovo
Drobeta-Turnu Severin
Vidin
Lom
Kozloduy
Nikopol
Giurgiu
Ruse/Pyce
Silistra
Braila
Galati
Bucharest
Sulina
Kilija Veche

NETWORK MAP


50°56′ N, 6°57′ E
Duisburg
Nijmegen
125,84 km
Krefeld
Venlo
Dortmund
Wuppertal
Düsseldorf
Mönchengladbach
Lüd
Sorlingen
Langenfeld
Grevenbroich
Gummersbach
Bergisch
Gladbach
Cologne
Olpe
W
E
Kerpen
Brussels
183,30 km
Troisdorf
Düren
Aken
Bonn
Euskirchen
Limburg and der Lahn
Kaub
110,30 km
Prüm
Koblenz
S
12,5km

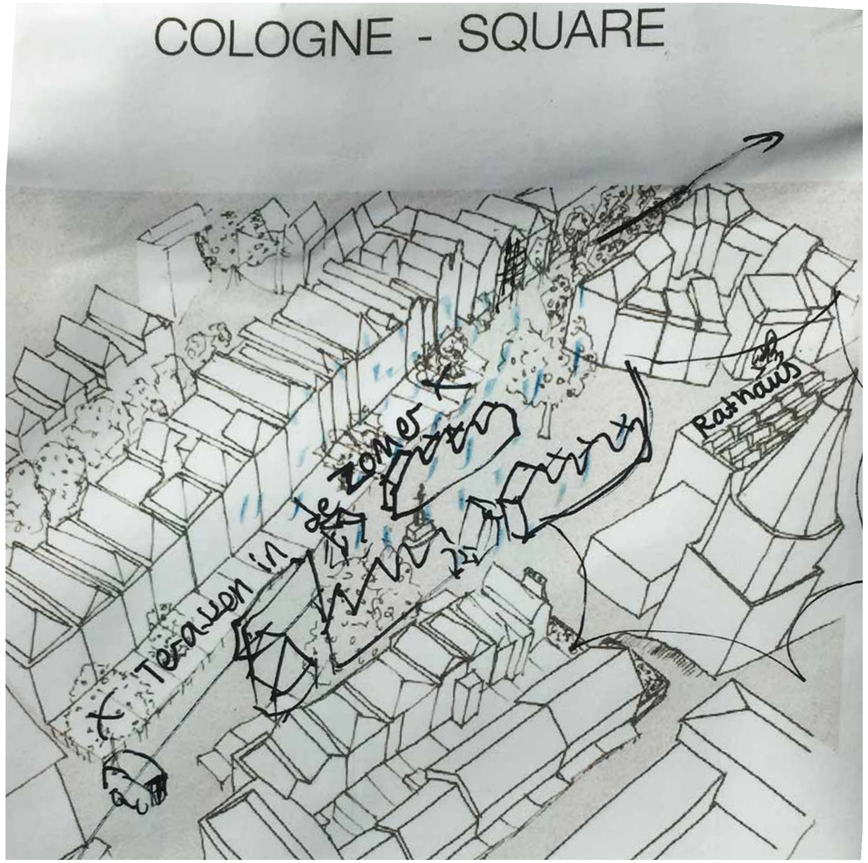
WHERE CITY AND INDUSTRY MEET



MORPHOLOGY MAP

ALTER MARKET

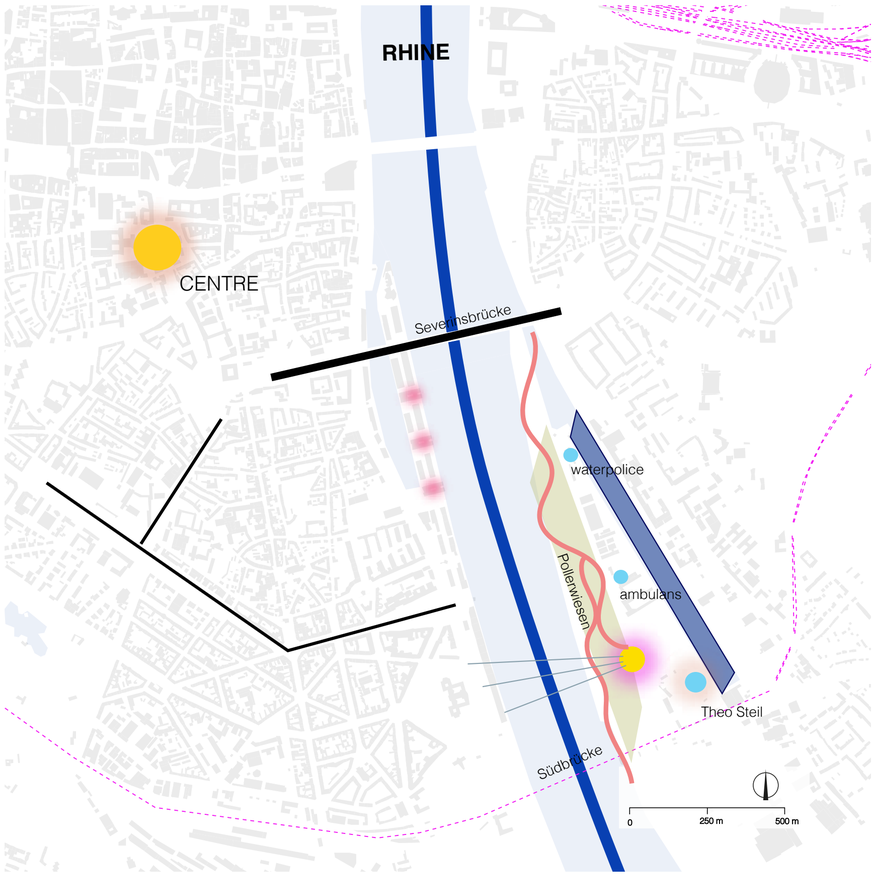
// Cologne



INTERVIEWS

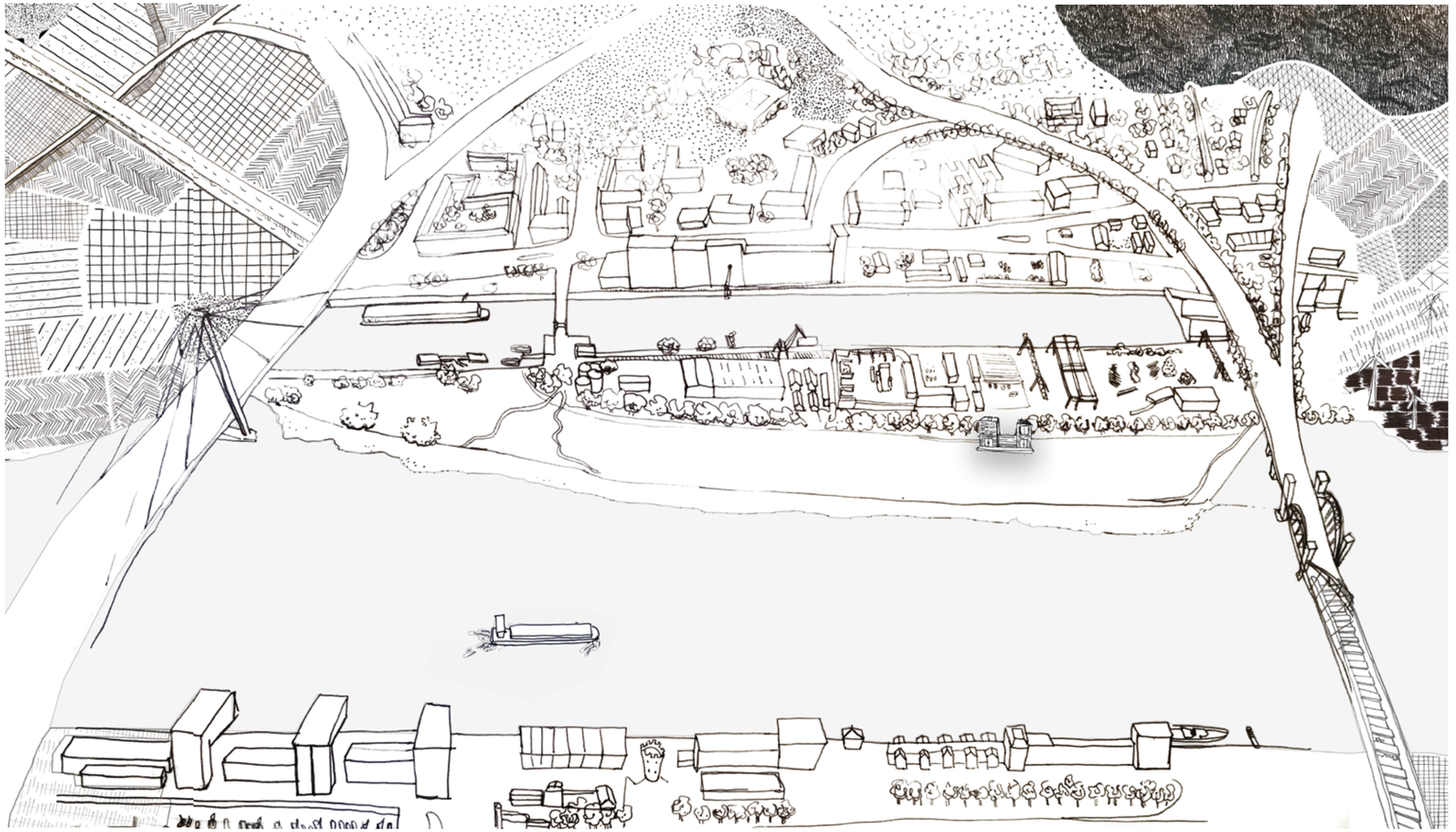
POLLER WIESEN

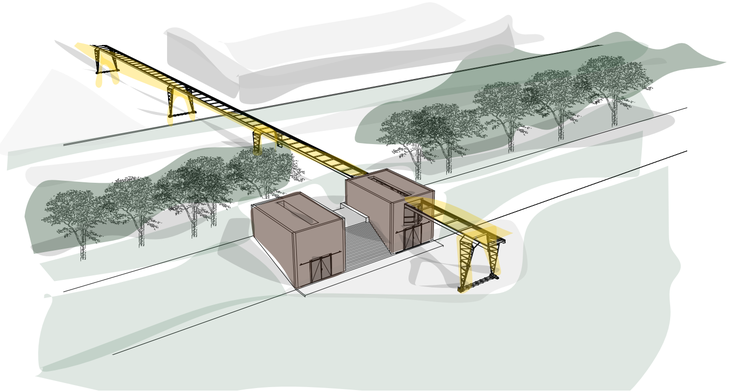
DESIGN LOCATION



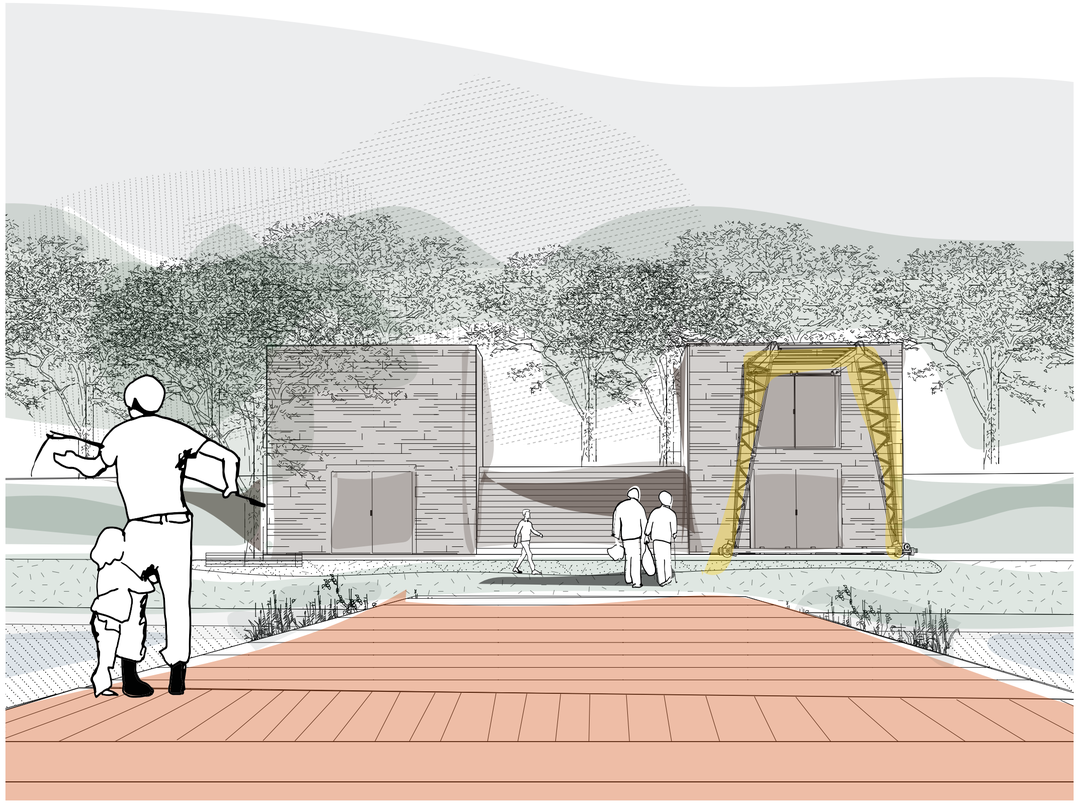
WIDE SPACE FOR ACTIVITIES

BIRD’S EYE VIEW LOCATION



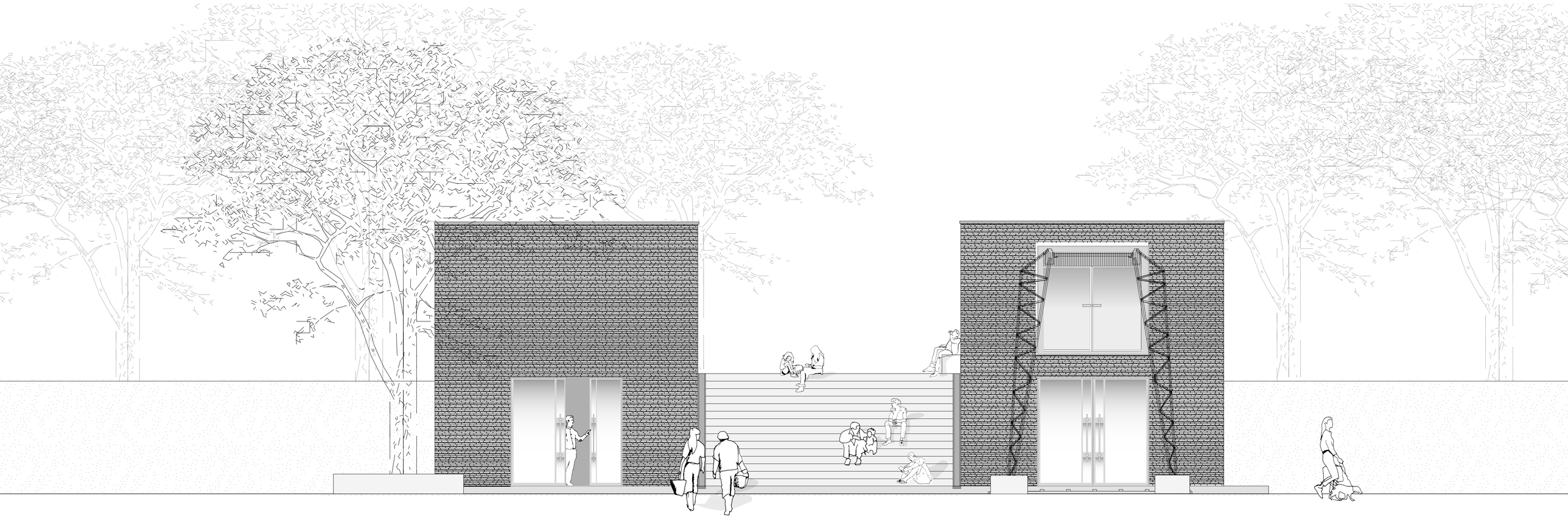


SHAPE

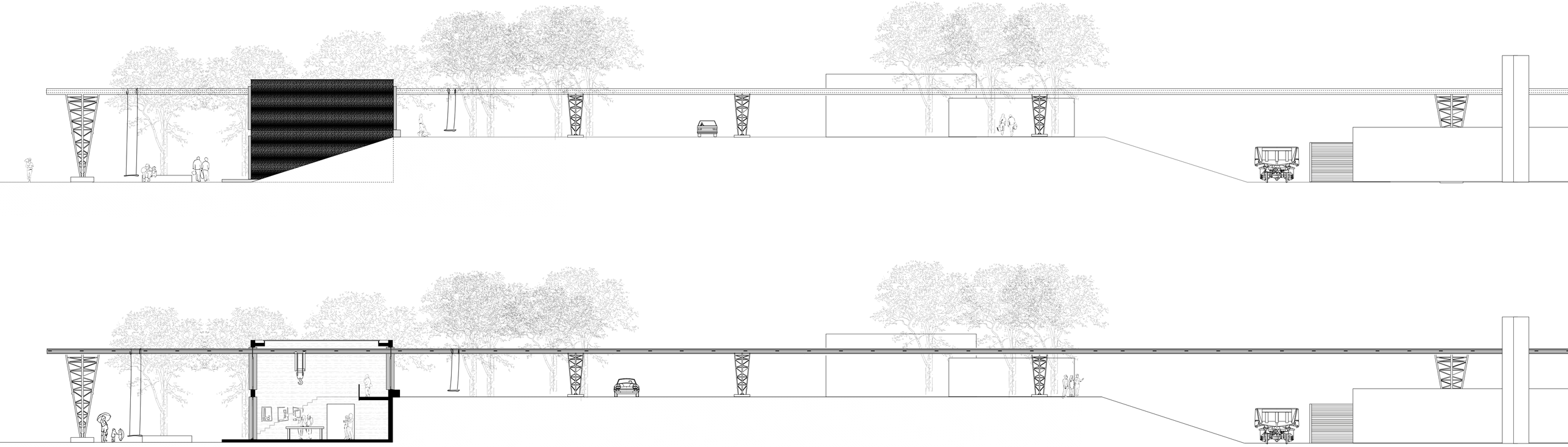


COLOUR AND MATERIAL

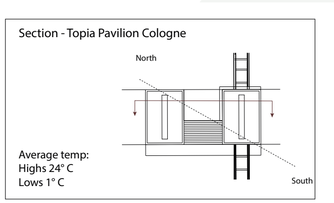
BUILDING VOLUMES



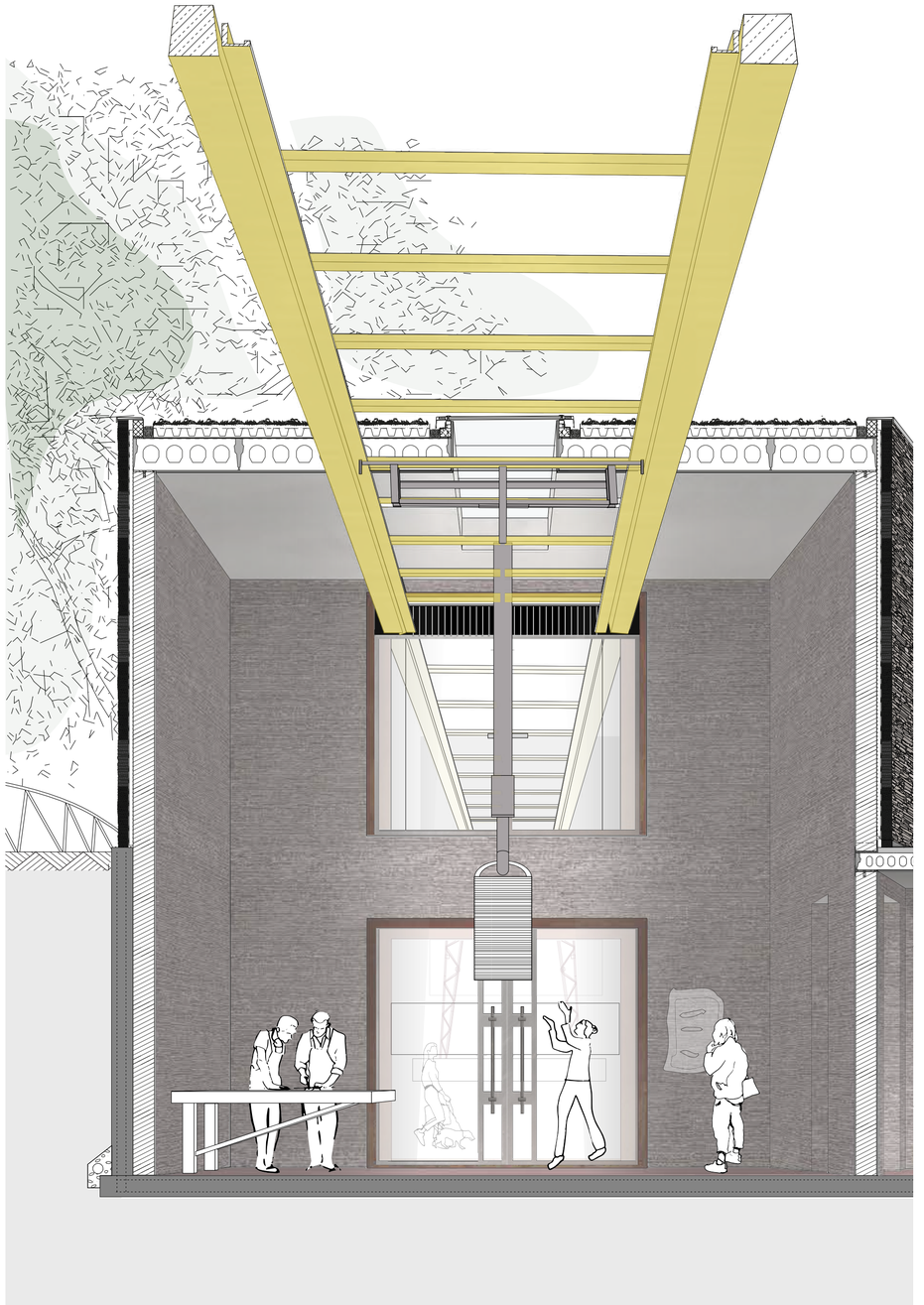
LINKING POLLER WIESEN, PAVILION AND INDUSTRY



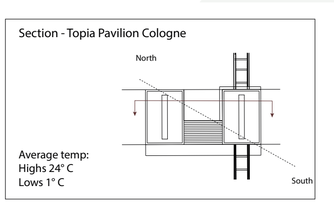
TOPIA PAVILION COLOGNE



WORKSHOP

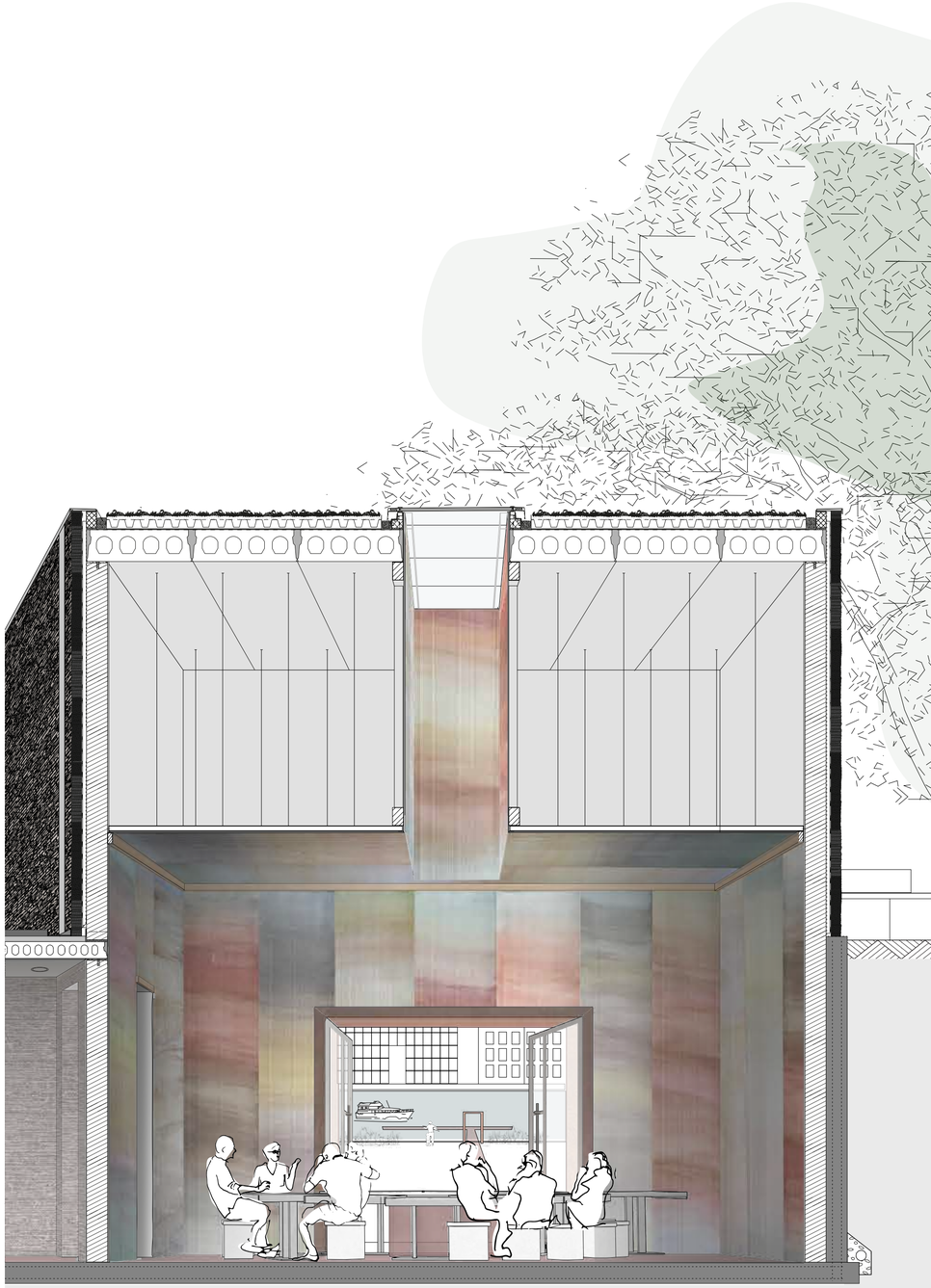


TOPIA PAVILION COLOGNE

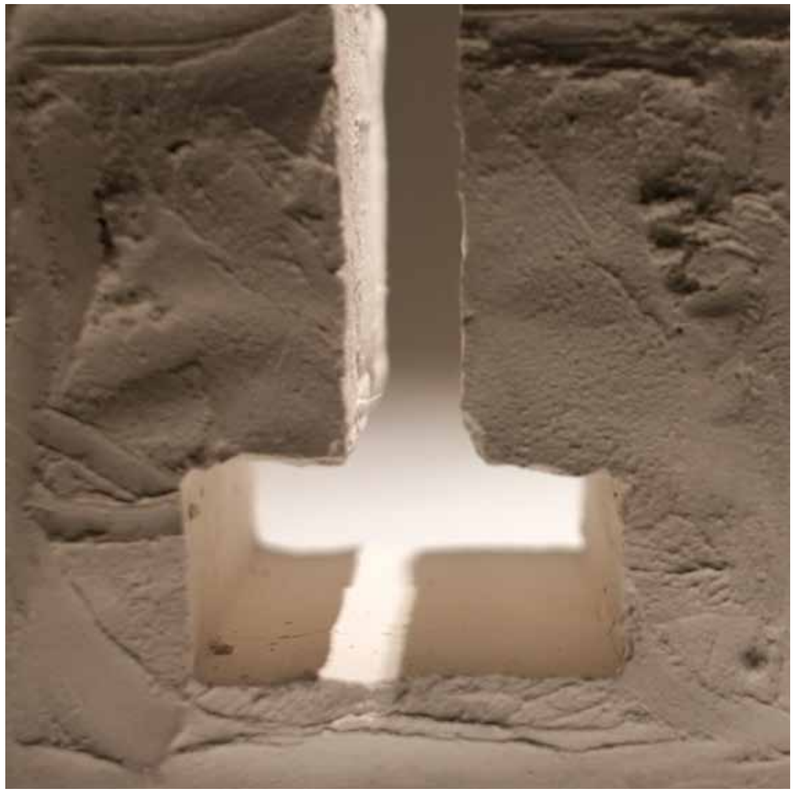


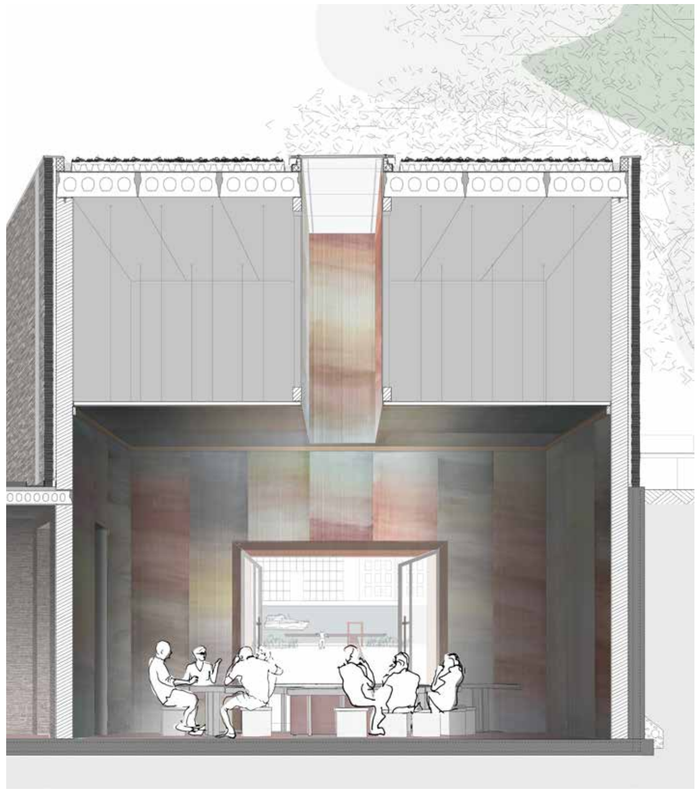
Average temp:
Highs 24° C
Lows 1° C

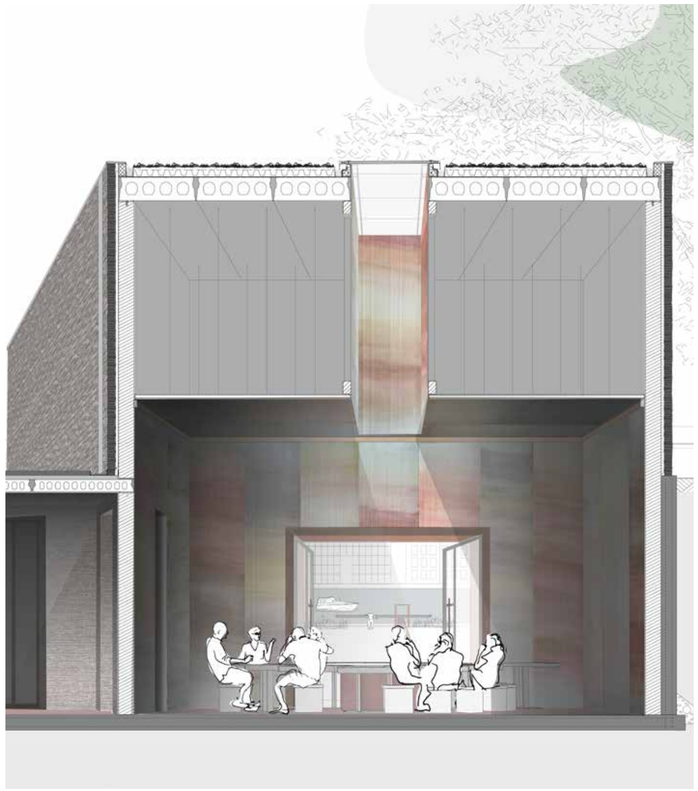
TOPIA CHAMBER



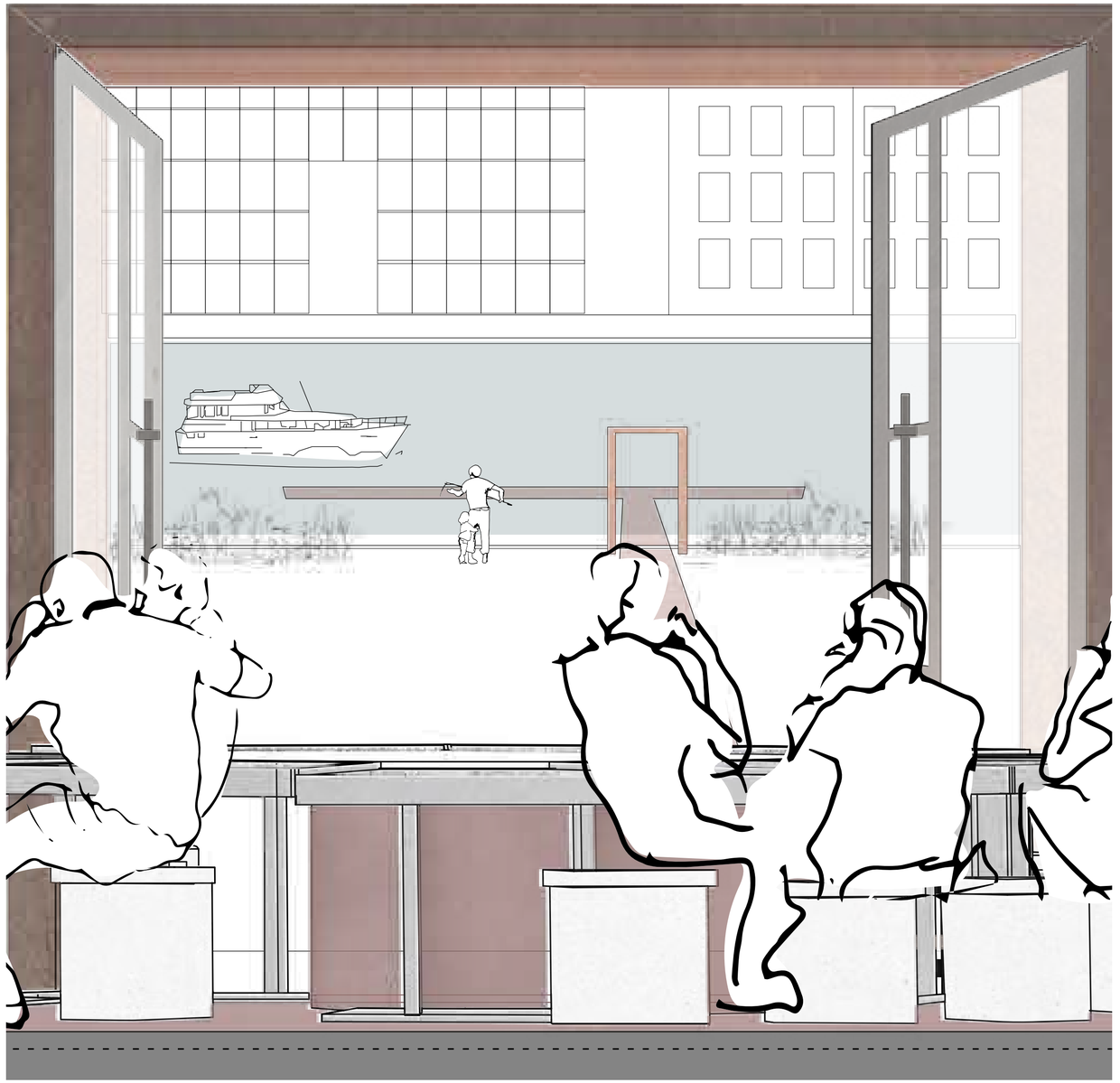
LIGHT

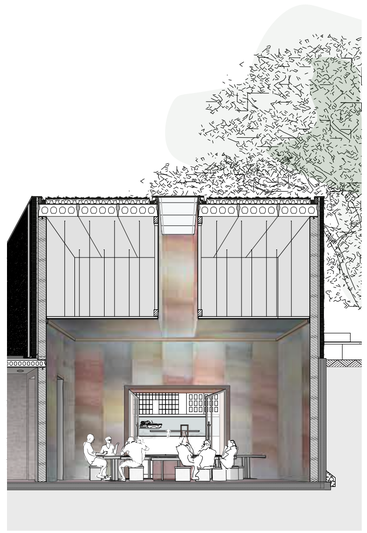




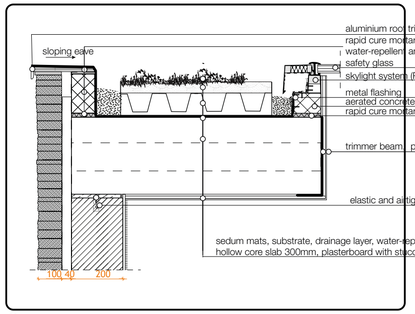


FRAMNIG

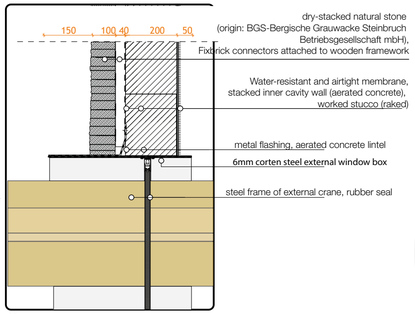




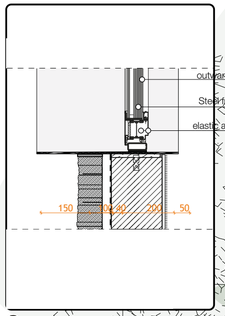
C O L O G N E



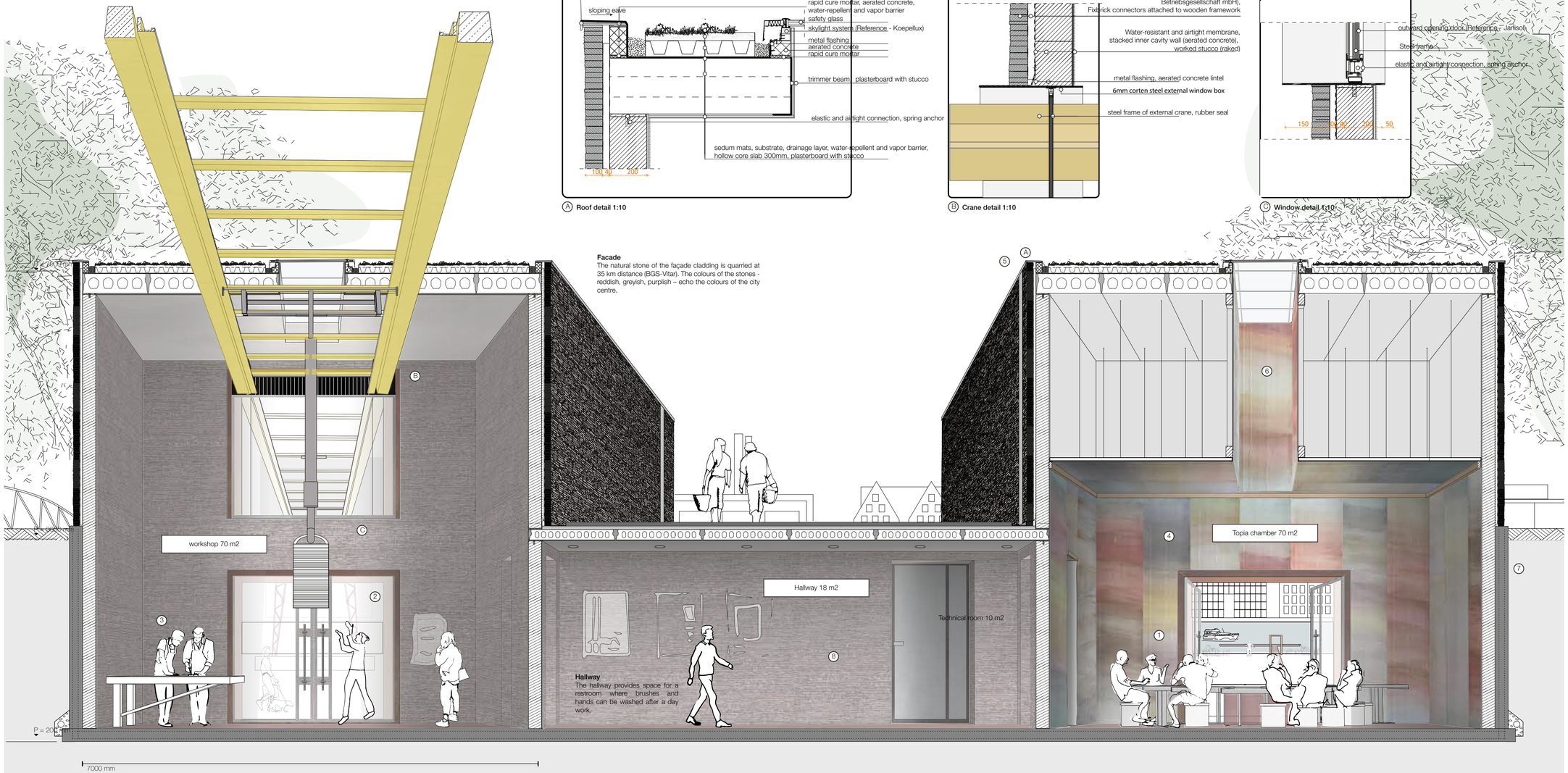
A Roof detail 1:10



B Crane detail 1:10



C Window detail 1:10



1 Table
The core of the table is made in solid concrete. It is poured together with the foundation of the pavilion. Traces can be found in the concrete from when the place was not covered yet. Because the core of the table is so solid, it challenges people to use it in various ways. The outer leaves of the table can be moved accordingly so that one can also have the possibility to sit alone or create a bigger meeting.

2 Doors
To increase the direct light the doors are made of a steel frame and glass. The window boxes are designed in weathered steel to highlight the view to the river, creating a more direct visual connection with this important natural element.

3 Workshop
The workshop is in direct dialogue with the industry prone to the city. The crane which sticks through the space offers the opportunity to carry goods from the metal workshop for people to work with.

4 Tapestry
The tapestry on the walls is made from dyed woold. The sounds of the people will muffle due to the fabrics that surround them. Fabrics that some will recognize and other just appreciate due to its colourful appearance, colours that not only reflect the direct surroundings, but the landscapes of a bigger whole.

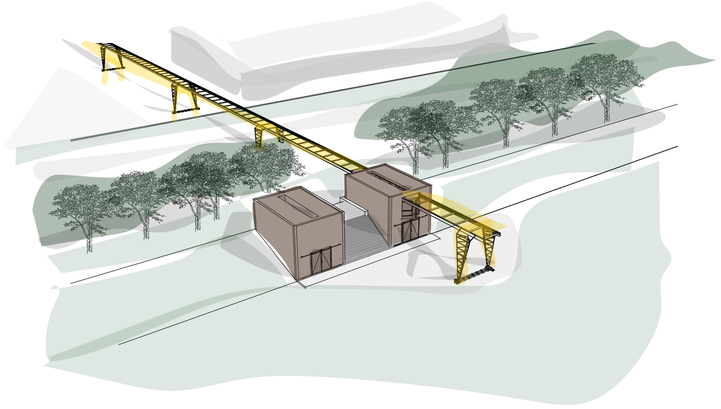
5 Building volume
The symmetric shape and the stark contrast between the larger left/right and middle volumes are mirroring the blocky shapes and straight streets of the city.

6 Light
The natural lighting plan of this pavilion is based on our personal experience of the city. When walking across the city it appeared that little sun light was oozing through the tight streets. The skylight and lowered ceiling create a vertical light beam, mimicking the light we experienced.

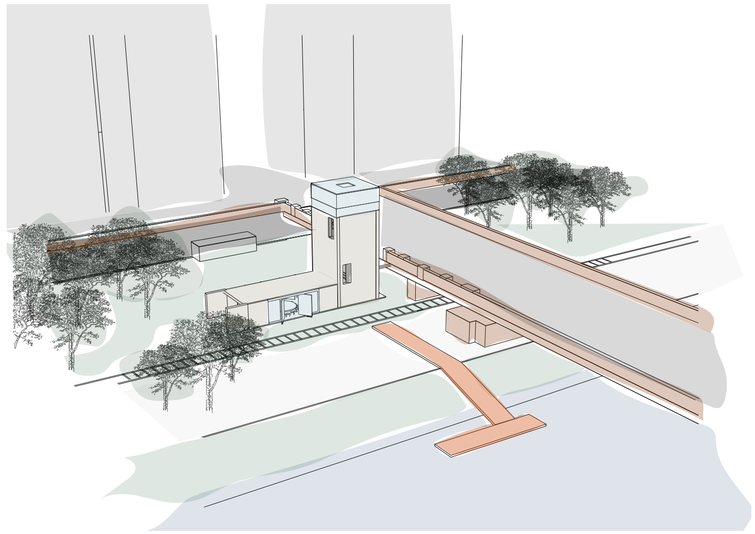
7 Foundation
Quiet some time before the pavilion is constructed the foundation will be poured. As such, it can already be used as a place. By adding a red pigment, the foundation becomes clearly visible in the public sphere.

8 Raked stucco wall
The interior walls are finished with raked stucco, following the same rhythm as the natural facade caldding.

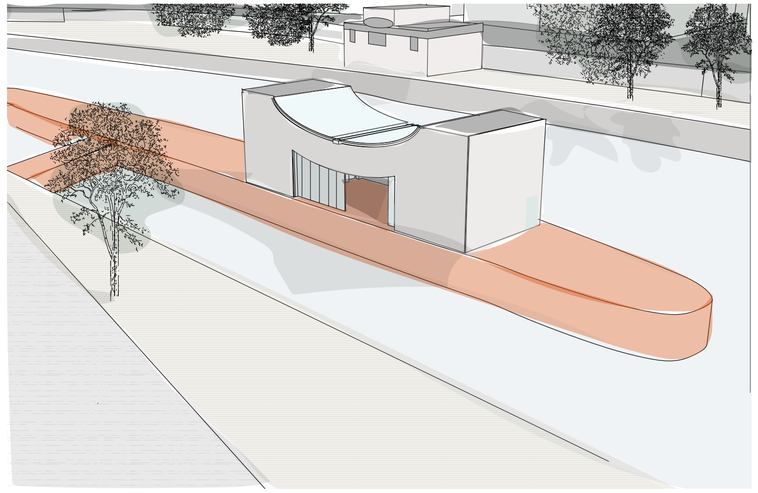
PICK OUR NEXT DESTINATION!



Main designer: Sophie // Cologne



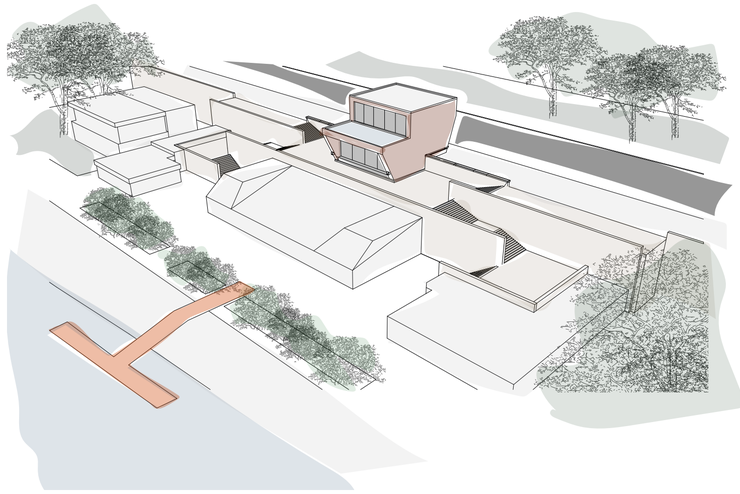
Main designer: Willie // Frankfurt am Main



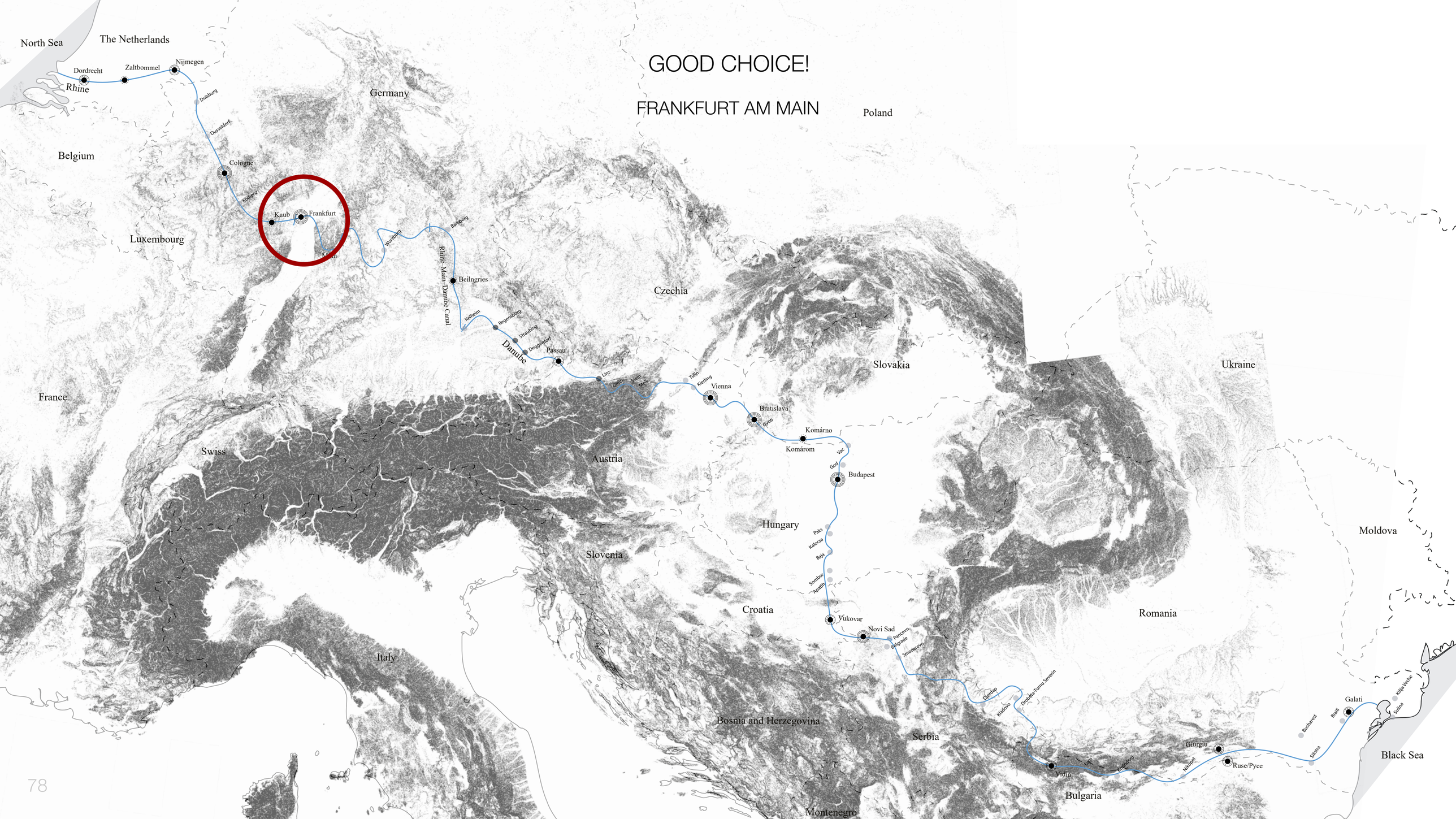
Main designer: Italo // Vienna

Main designer: Sophie // Budapest

Main designer: Willie // Ruse



Main designer: Italo // Galati

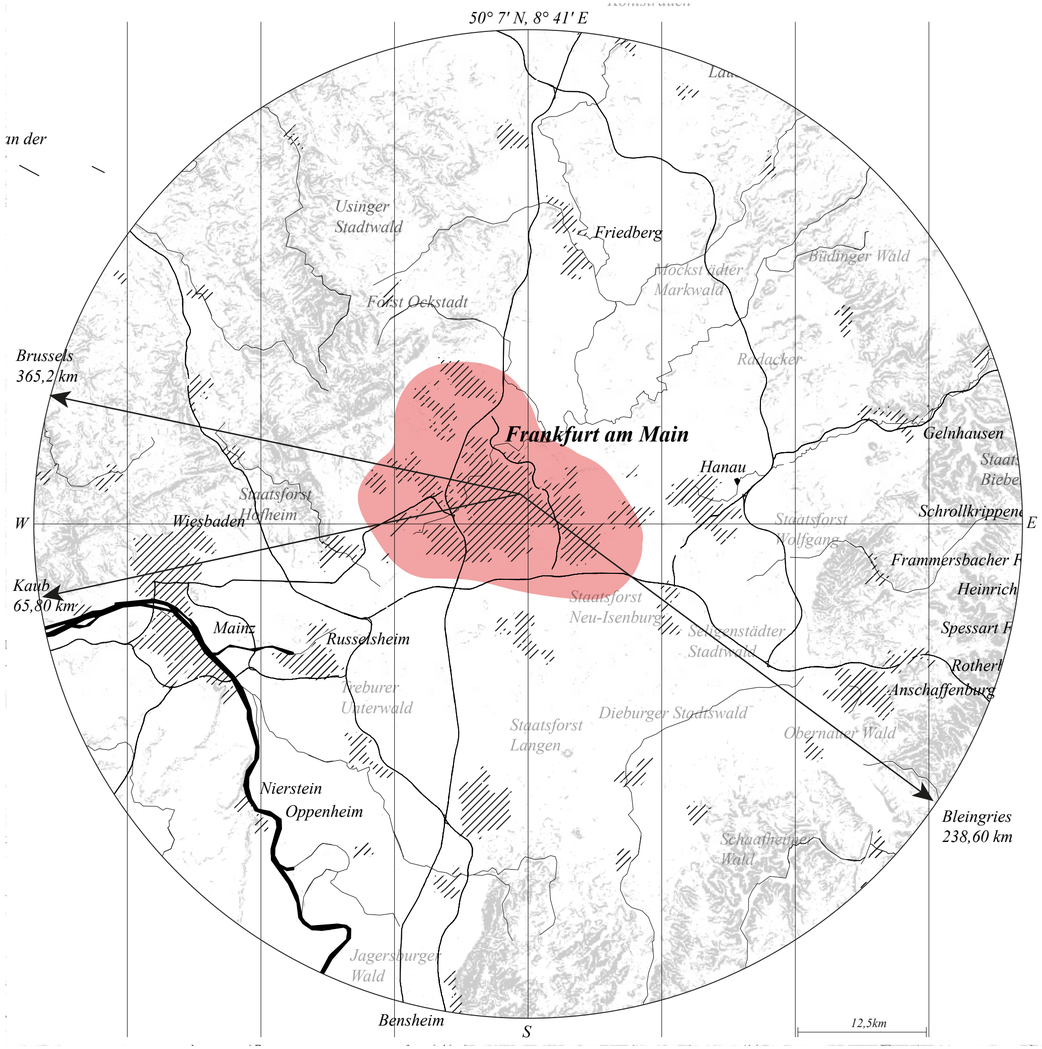

GOOD CHOICE!
FRANKFURT AM MAIN
North Sea
The Netherlands
Dordrecht
Zaltbommel
Nijmegen
Rhine
Duisburg
Dusseldorf
Cologne
Koblenz
Kaub
Frankfurt
Worm
Germany
Poland
Belgium
Luxembourg
Wurzburg
Bamberg
Rhine-Main-Danube Canal
Beilngries
Kelheim
Regensburg
Straubing
Deggendorf
Passau
Danube
Czechia
Slovakia
Ukraine
France
Swiss
Austria
Linz
Grein
Ybbs
Melk
Tulln
Klerling
Vienna
Bratislava
Gyou
Komárno
Komárom
Vac
God
Budapest
Hungary
Moldova
Paks
Kalocsa
Baja
Sombor
Apatin
Slovenia
Croatia
Vukovar
Novi Sad
Pancevo
Belgrade
Smederevo
Romania
Italy
Djerdap
Kladovo
Drobeta-Turnu Severin
Bosnia and Herzegovina
Serbia
Galati
Braila
Bucharest
Kilija Veche
Sulina
Black Sea
Giurgiu
Ruse/Pyce
Silistra
Nikopol
Vidin
Lom
Kozloduy
Bulgaria
Montenegro

JOURNEY

Kaub

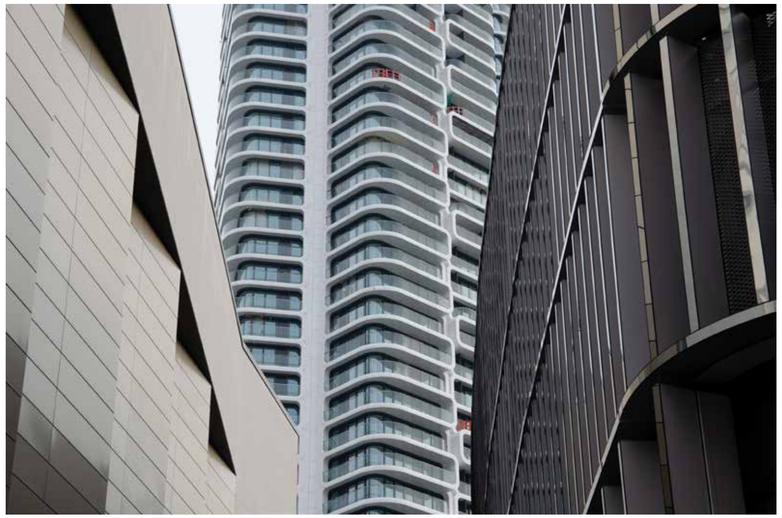
Rhine Landscape

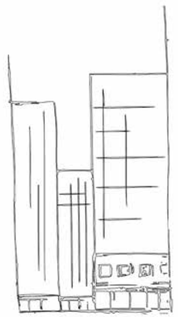
NETWORK MAP


50° 7' N, 8° 41' E
Usinger Stadtwald
Friedberg
Büdinger Wald
Forst Oekstadt
Markwald
Brussels
365,2 km
Radacker
Frankfurt am Main
Gelnhausen
Hanau
Staatsforst Hofheim
Wiesbaden
W
E
Schrollkrippen
Staatsforst Wolfgang
Frammersbacher F
Heinrich
Kaub
65,80 km
Staatsforst Neu-Isenburg
Spessart F
Mainz
Russelsheim
Rother
Anschaffenburg
Dieburger Stadtwald
Obernauer Wald
Nierstein
Oppenheim
Bleingries
238,60 km
Staatsforst Langen
Jagersburger Wald
Bensheim
S
12,5km

HIGH-RISE

EUROPA VIERTEL



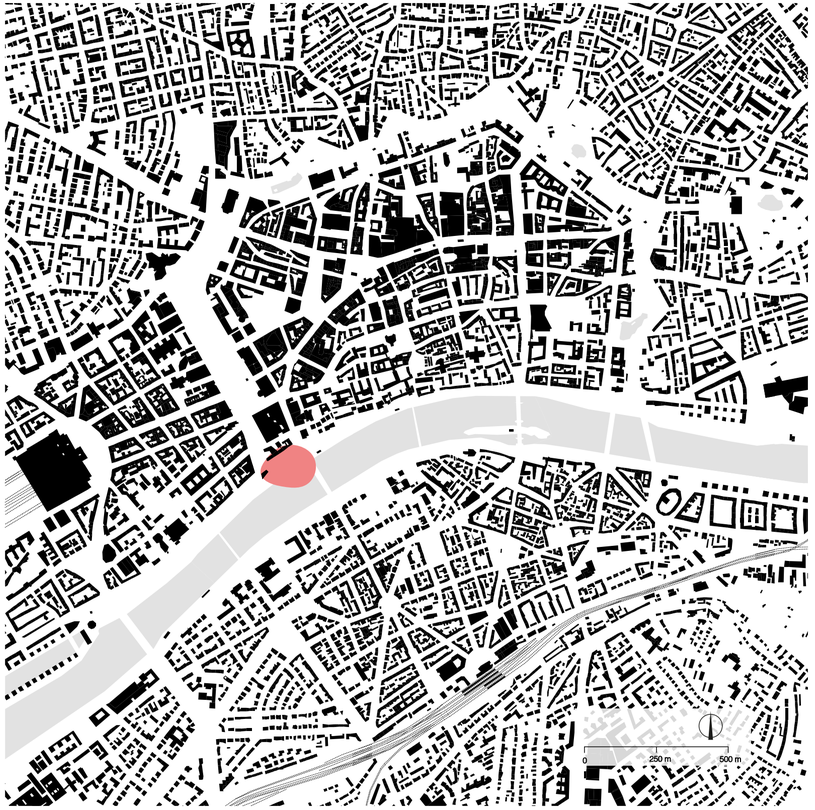


HISTORIC CENTRE

KONSTABLERWACHE

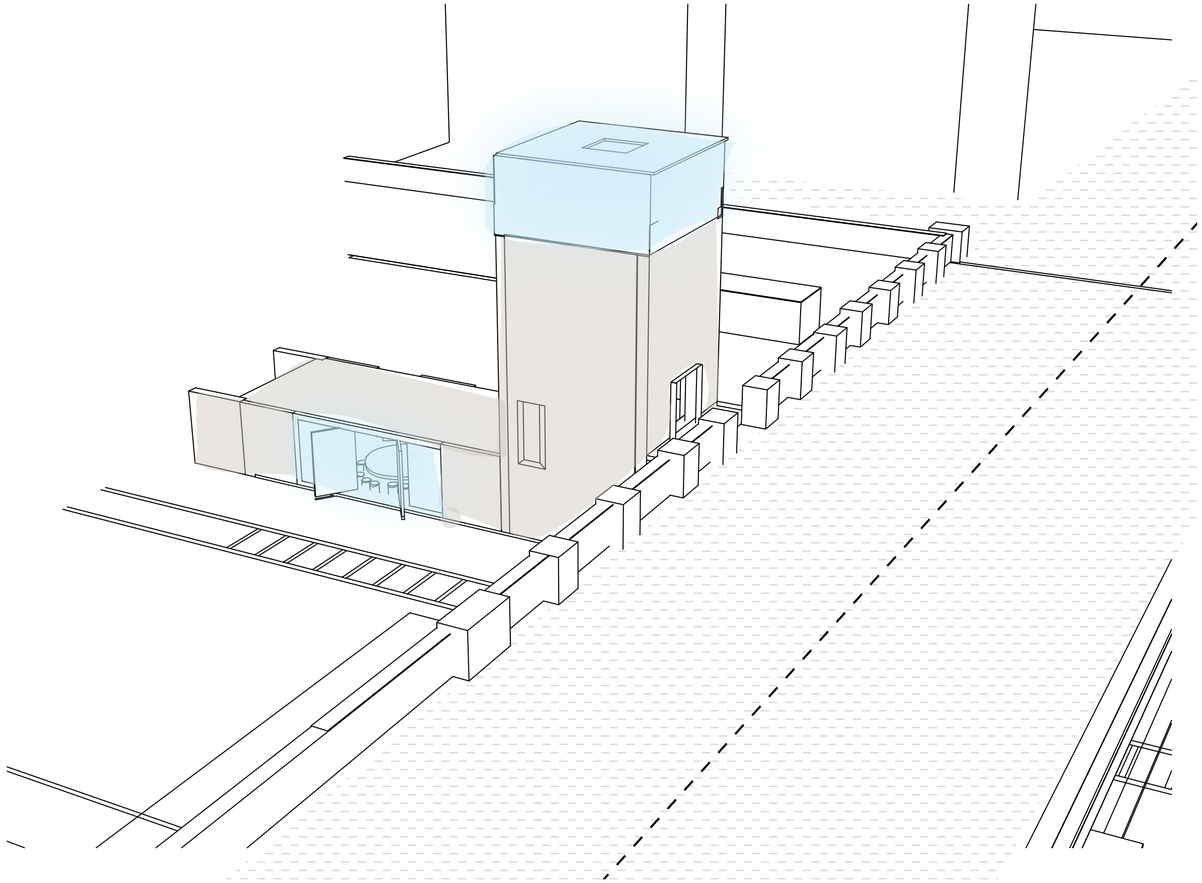
BIRD’S EYE VIEW LOCATION

MORPHOLOGY MAP AND LOCATION



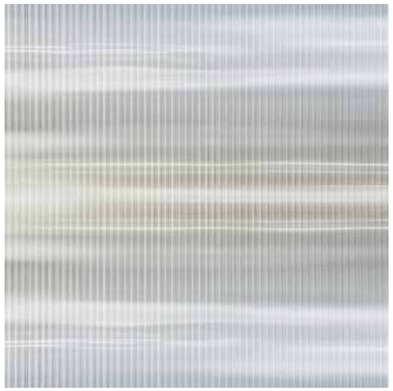
UNTERMAINBRÜCKE

SHAPE

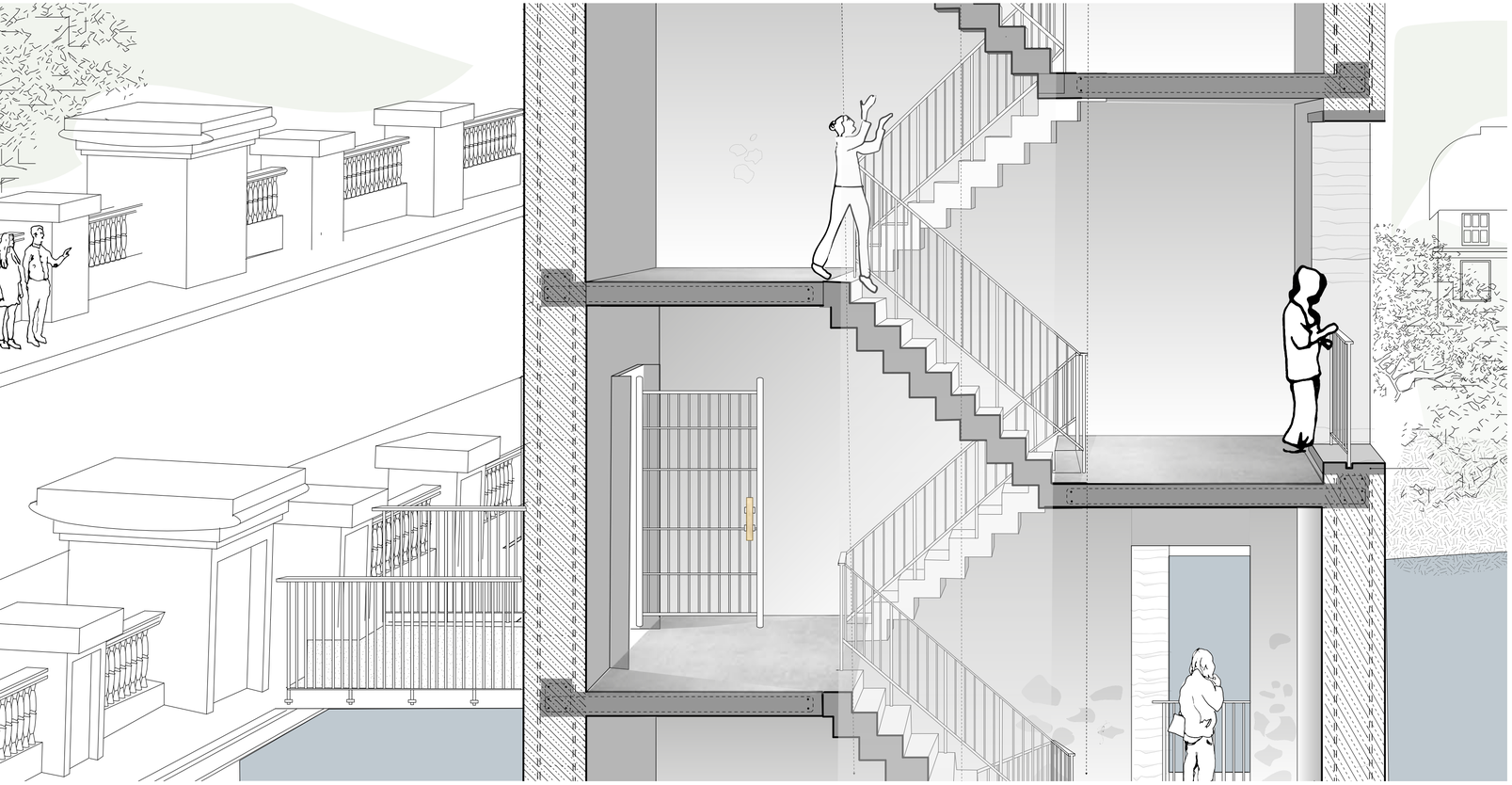


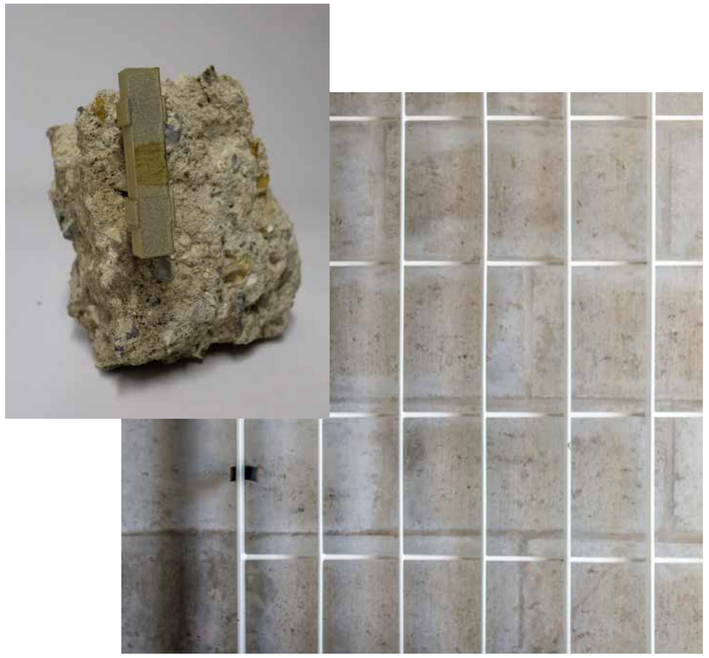
COLOUR AND MATERIAL

TWO LANGUAGES

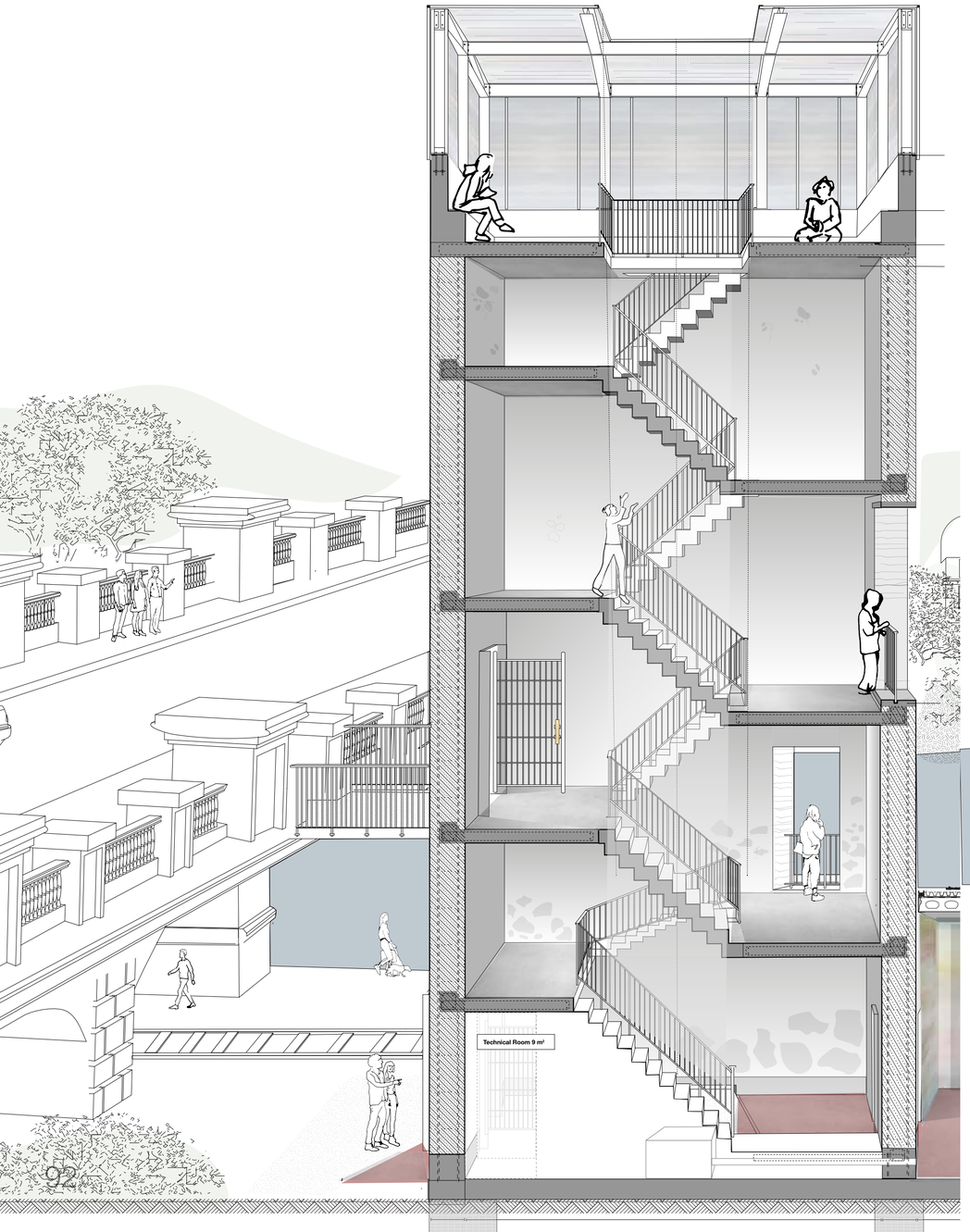


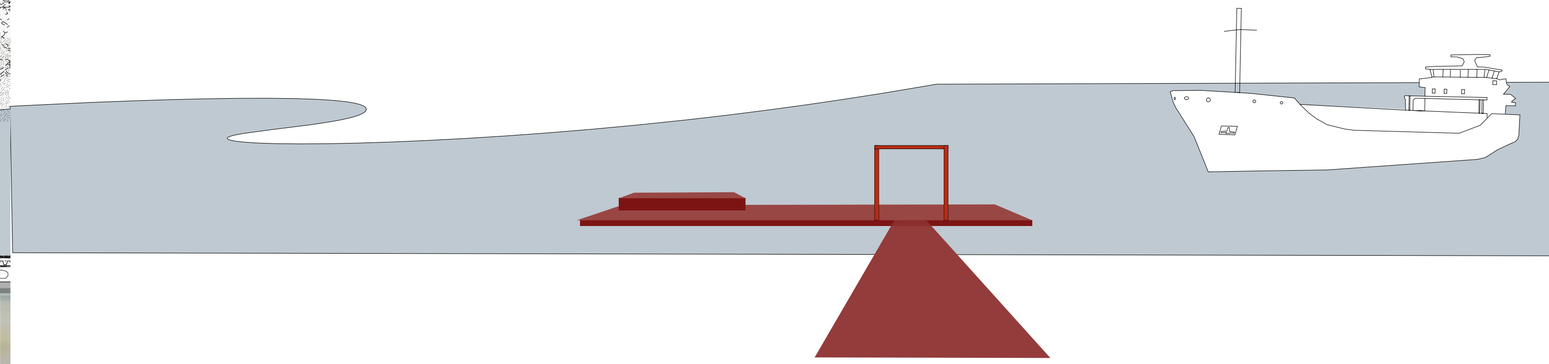
ENTRANCE



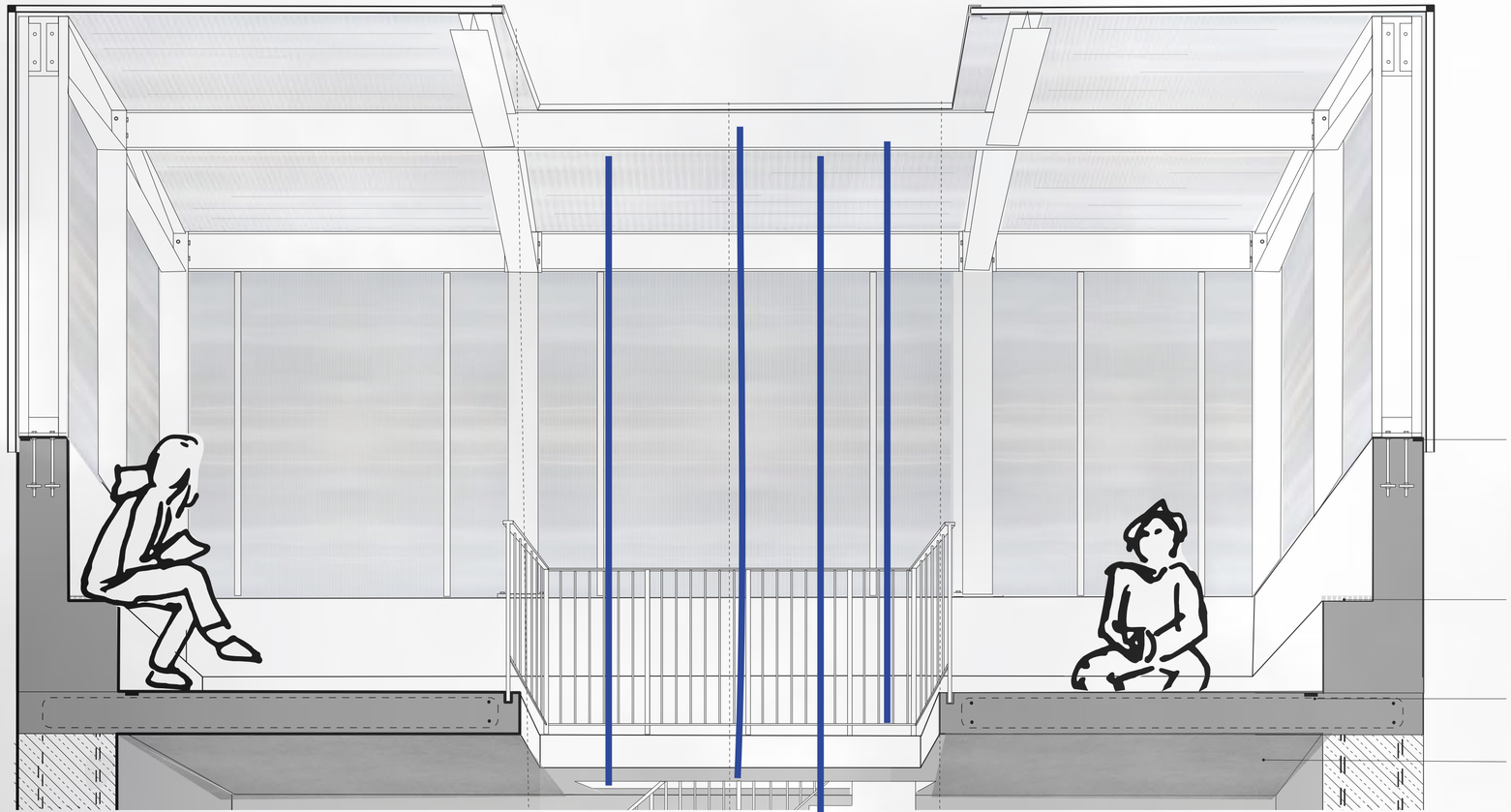


2 VIEWS

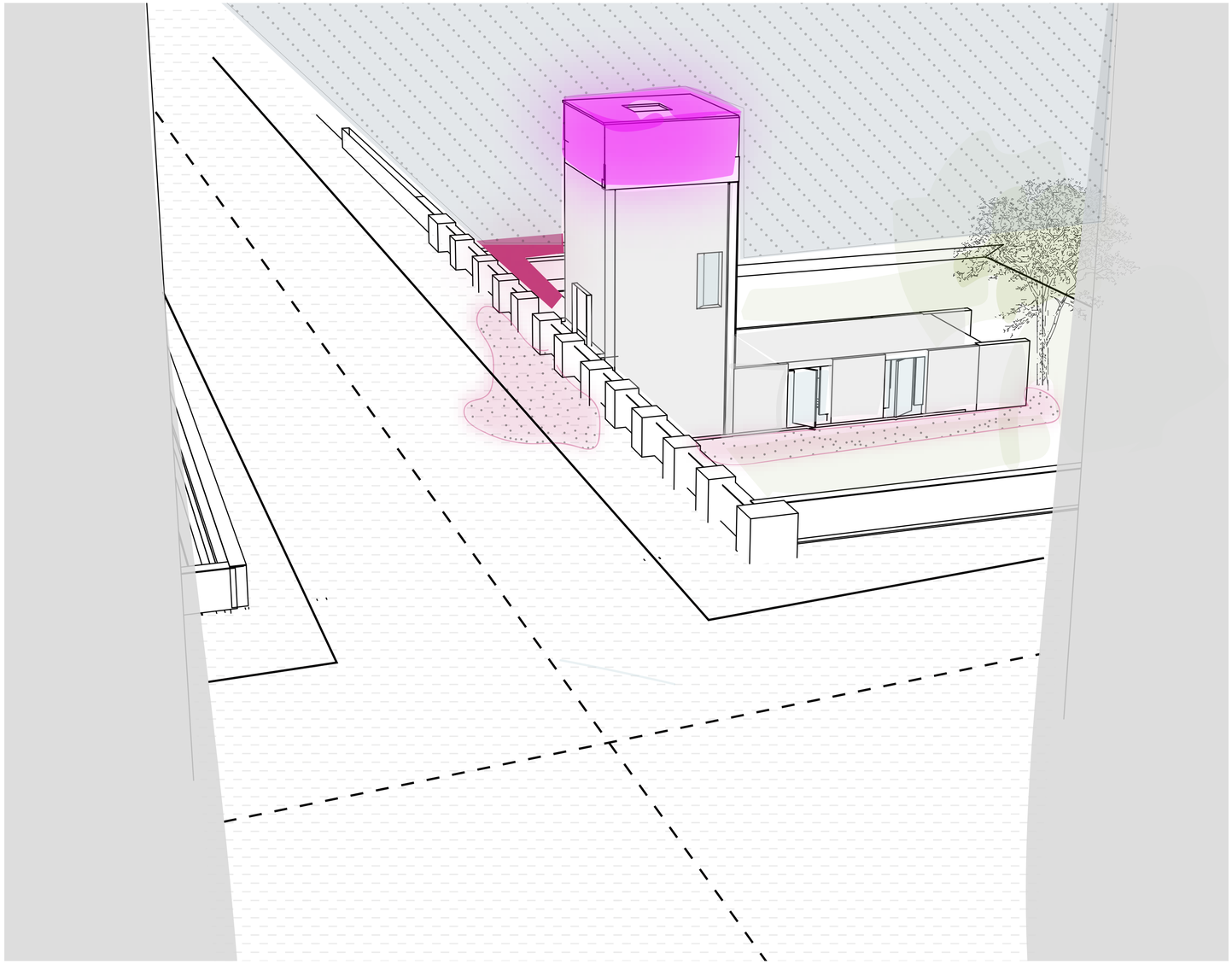




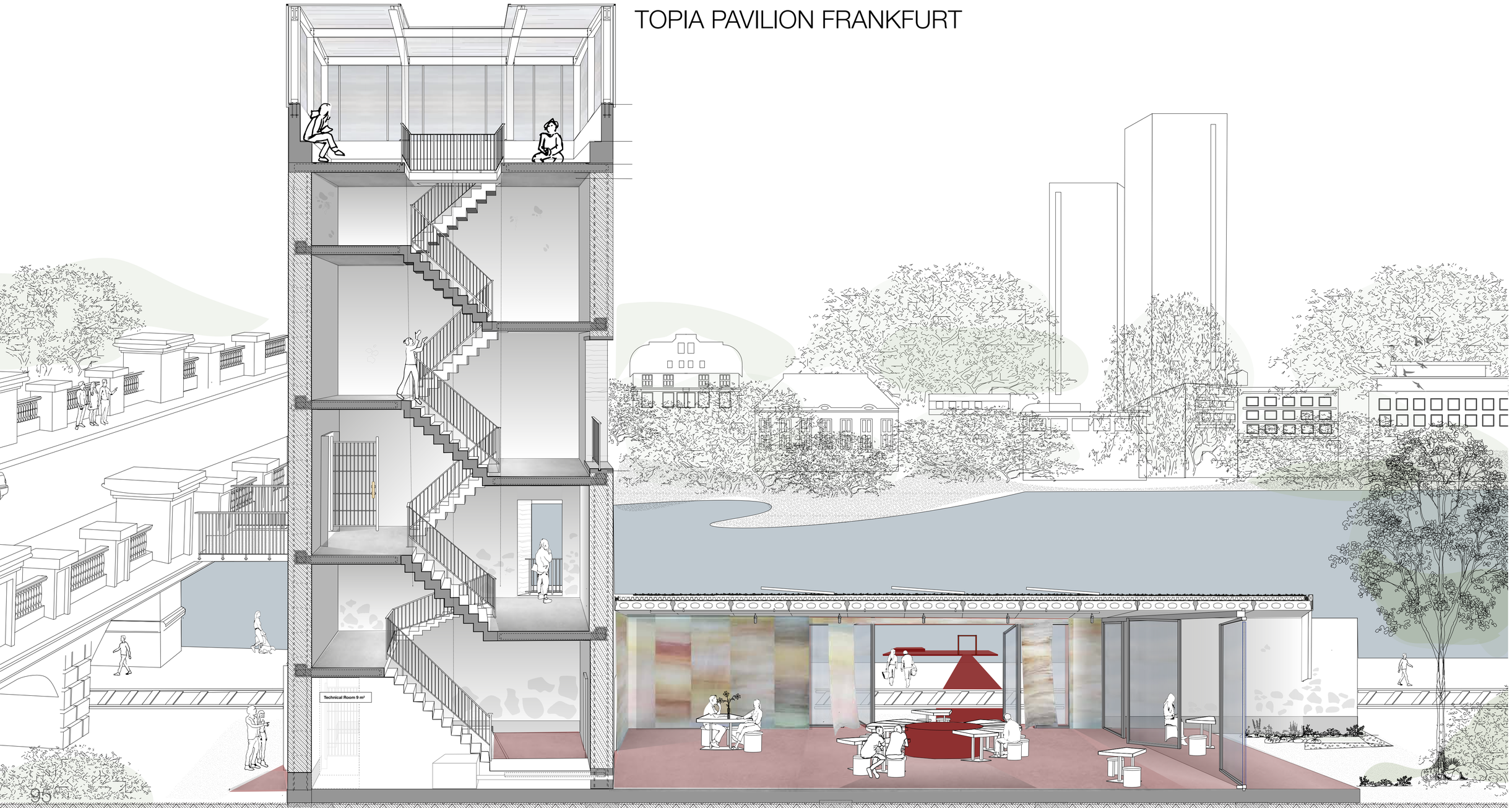
NON WATCHTOWER



LANTERN

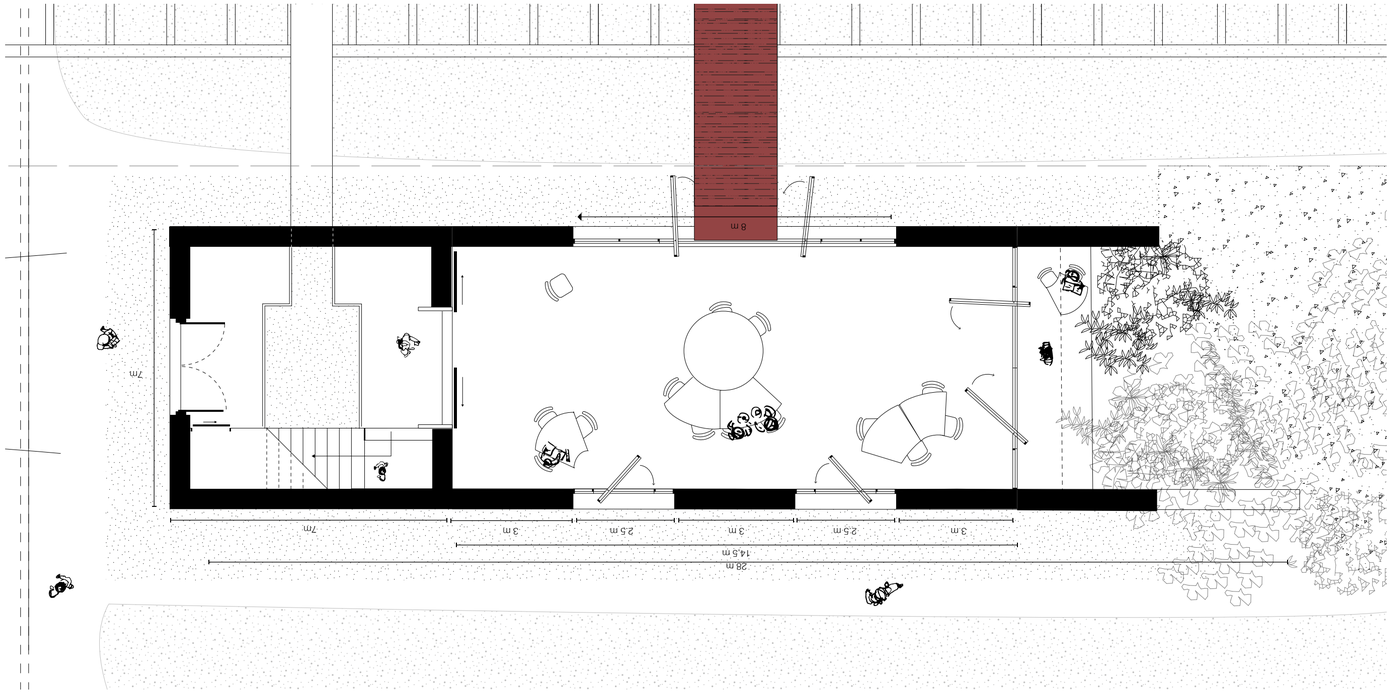


TOPIA PAVILION FRANKFURT

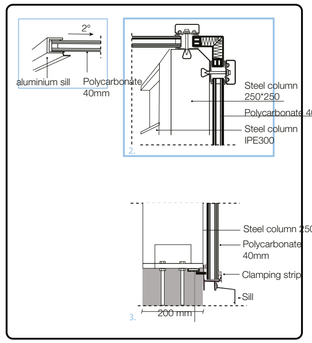


Section - Topia Pavilion Frankfurt

LIGHT



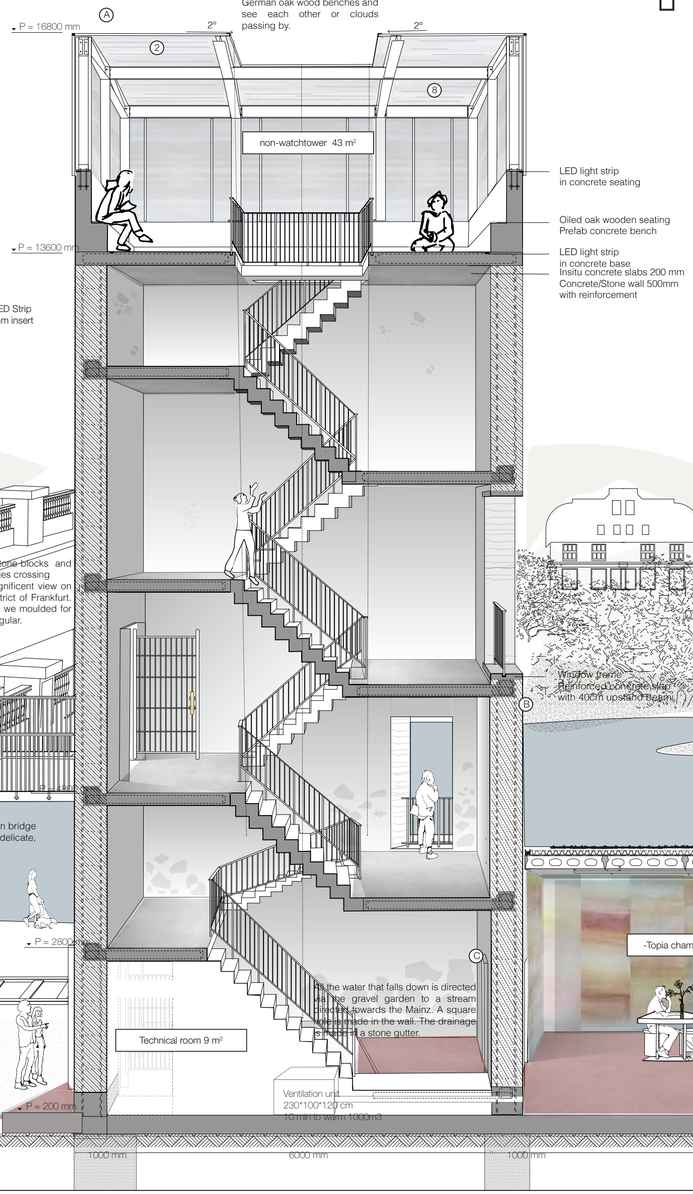
FRANKFURT AM MAIN

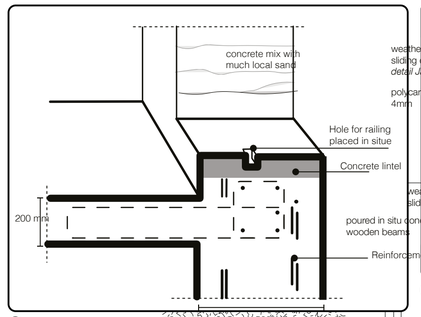


A Detail polycarbonate top 1:10

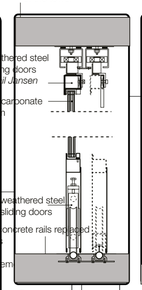
Extra Wide Slim Aluminium LED Profile for LED Strip
Mounting Clips (44.8mm x 11.3mm) for 37mm insert

Up here the direction is not directed towards the city, but towards the sky. Closed off by the white translucent material one is invited to sit on the German oak wood benches and see each other or clouds passing by.

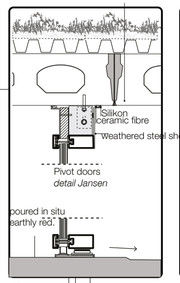




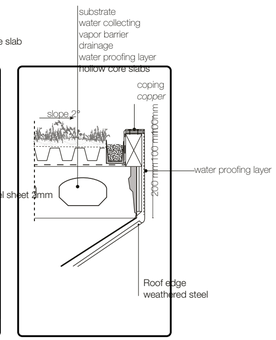
B Detail wall construction 1:10



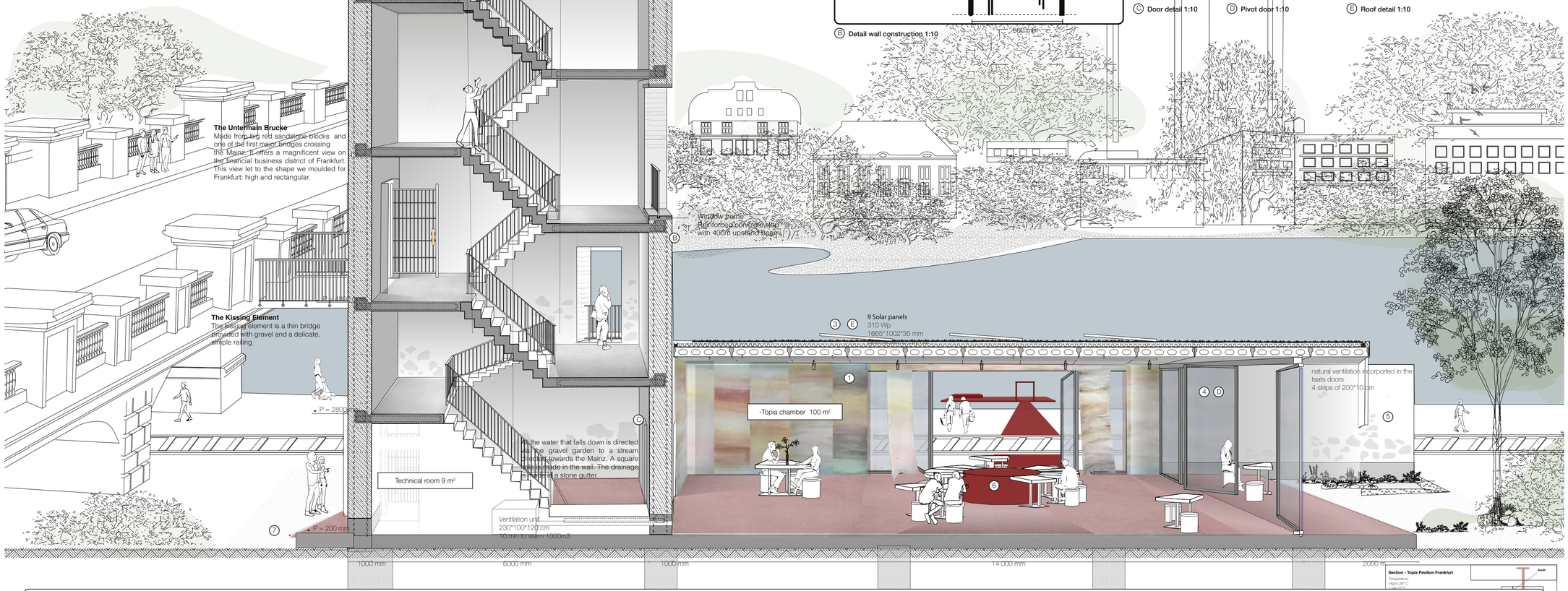
C Door detail 1:10



D Pivot door 1:10



E Roof detail 1:10



1 Tapestry
The tapestry on the walls is made from dyed woold. The sounds of the people will muffle due to the fabrics that surround them. Fabrics that some will recognize and other just appreciate due to its colourful appearance, colours that not only reflect the direct surroundings, but the landscapes of a bigger whole.

2 Cover
The cover of the top room is made from a polycarbonate (a light weight material from recycled plastic) which is hold by a light blue construction. Between all the high-rise of Frankfurt, a different kind of tower has risen. This one, while reaching to the sky, is opening up and lets the natural elements be part of the interior space. In the roof of the tower, a hole of 2*2 m is open and slightly tilted inwards. Rain drops will slight and form a waterfall of 16 meters.

3 Light & Roof
Under the hollow core slabs a frame of lightning is hang. Made in recycled copper, they fit with the weathered steel and give a warm feel to the big room to the contrasting concrete and polycarbonate. The ceiling is not covered so the slabs are clearly visible, while from the outside they are covered with a little sedum roof.

4 Doors
The big doors - facing south - open up to the river and make a visual connection to the water front
Furthermore, the doors are situated in such a matter that they construct the light we envisioned for Frankfurt - coming from all directions due to the big building blocks.

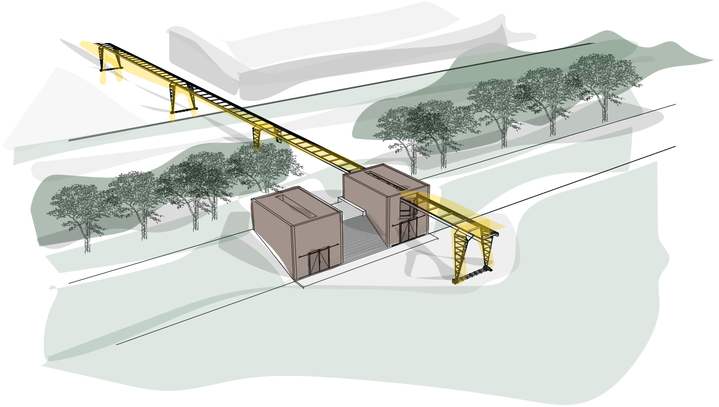
5 Transition space
Just like in the tower, this end is not direct magnificent views over the city. Rather, the view is pointed at the garden/park at the back of the building. The garden contains besides a big beech tree, the crocuses and hyacinths during spring and Jasmin during early summer.
A weather steal gutter collects all the water from the sedum roof in the garden and brings it, just like the principle in the garden back to the Main.

6 Table
The core of the table is made in solid concrete. It is poured together with the foundation of the pavilion. Traces can be found in the concrete from when the place was not covered yet. Because the core of the table is so solid, it challenges people to use it in various ways. The outer leaves of the table can be moved accordingly so that one can also have the possibility to sit alone or create a bigger meeting.

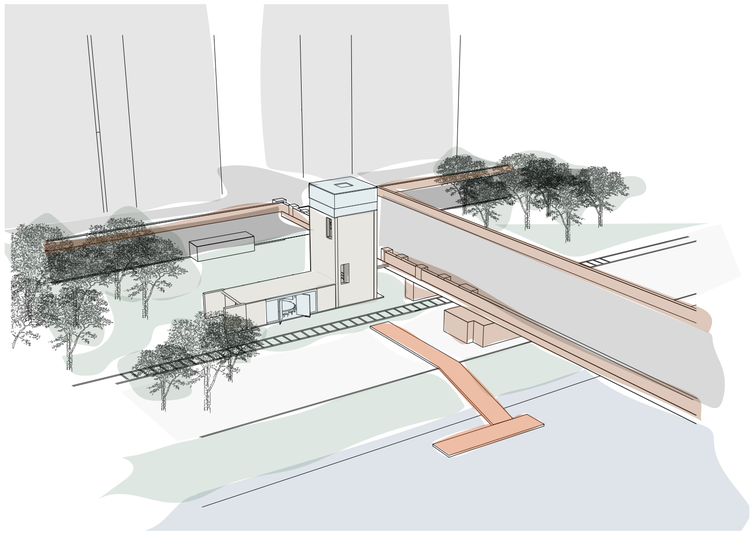
7 Foundation
Quiet some time before the pavilion is constructed the foundation will be poured. As such, it can already be used as a place. By adding a red pigment, the foundation becomes clearly visible in the public sphere.

8 Light
At night or in dark weather, the top of the tower can be lit in different colours. It would function as a lighthouse – marking a place for new directions.

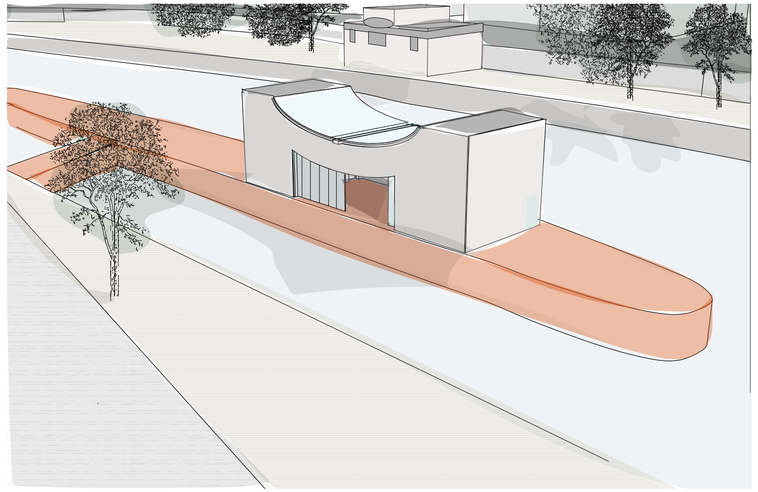
PICK OUR NEXT DESTINATION!



Main designer: Sophie // Cologne



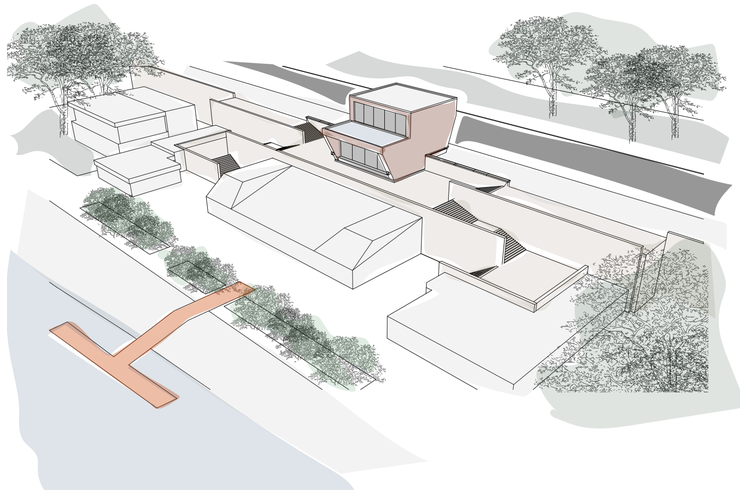
Main designer: Willie // Frankfurt am Main



Main designer: Italo // Vienna

Main designer: Sophie // Budapest

Main designer: Willie // Ruse

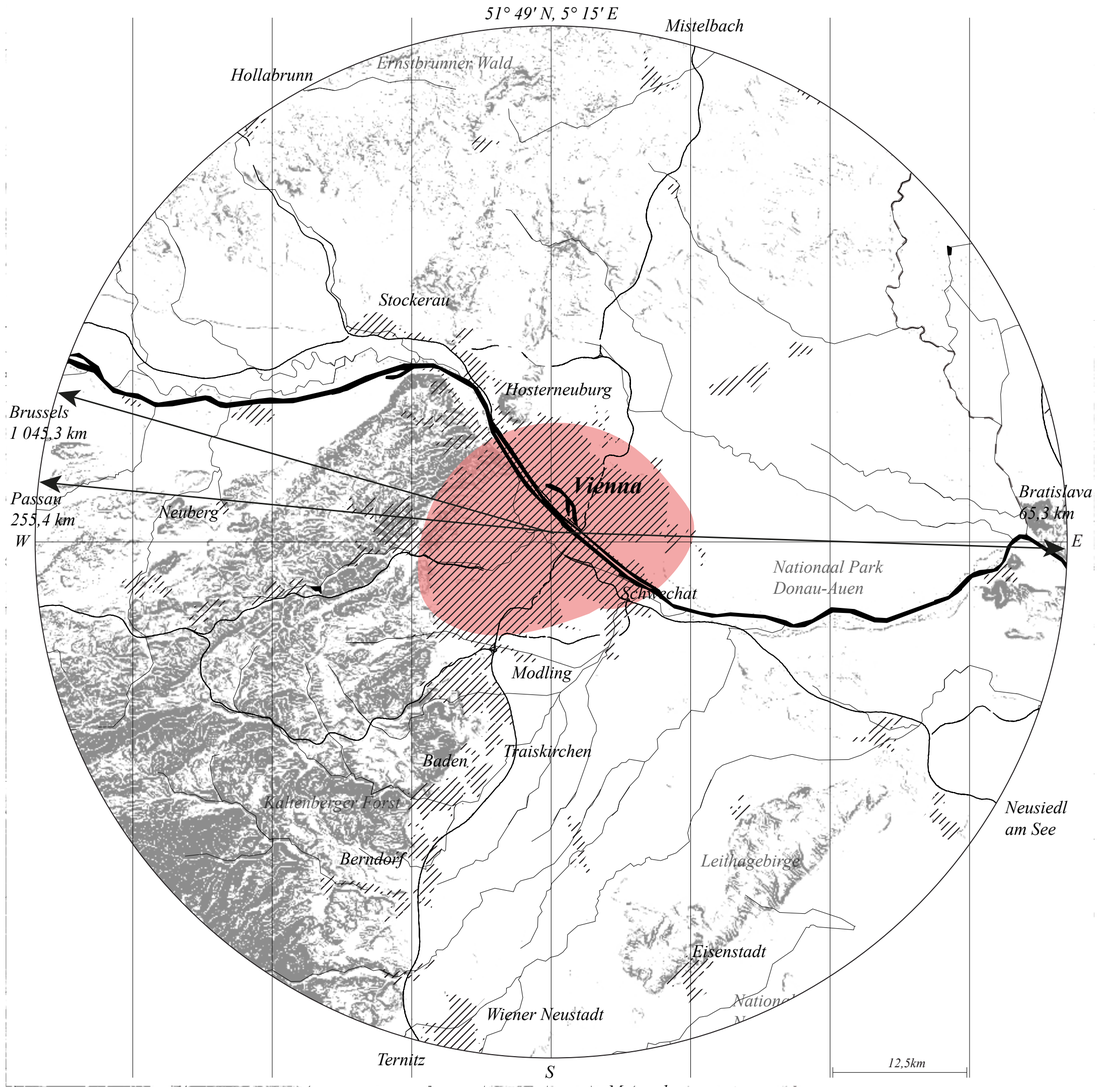


Main designer: Italo // Galati

END

GOOD CHOICE!
VIENNA
North Sea
The Netherlands
Dordrecht
Zaltbommel
Nijmegen
Rhine
Duisburg
Dusseldorf
Cologne
Koblenz
Kaub
Frankfurt
Main
Wurzburg
Bamberg
Rhine-Main-Danube Canal
Beilngries
Kelheim
Regensburg
Straubing
Deggendorf
Passau
Danube
Linz
Grein
Ybbs
Melk
Tulln
Klerling
Vienna
Bratislava
Gyoru
Komárno
Komárom
Vac
God
Budapest
Paks
Kalocsa
Baja
Somkor
Apatin
Vukovar
Novi Sad
Pancevo
Belgrade
Smederevo
Djerdap
Kladovo
Drobeta-Turnu Severin
Vidin
Lom
Kozloduy
Nikopol
Giurgiu
Ruse/Pyce
Silistra
Braila
Galati
Bucharest
Kilija Veche
Sulina
Black Sea
Germany
Poland
Belgium
Luxembourg
Czechia
Slovakia
Ukraine
France
Swiss
Austria
Hungary
Moldova
Slovenia
Croatia
Romania
Italy
Bosnia and Herzegovina
Serbia
Bulgaria
Montenegro

NETWORK MAP


51° 49' N, 5° 15' E
Mistelbach
Hollabrunn
Ernstbrunner Wald
Stockerau
Hosterneuburg
Brussels
1 045,3 km
Passau
255,4 km
W
Neuberg
Vienna
Bratislava
65,3 km
E
Nationaal Park
Donau-Auen
Schwechat
Modling
Traiskirchen
Baden
Kalenberger Forst
Neusiedl
am See
Berndorf
Leithagebirge
Eisenstadt
Wiener Neustadt
Ternitz
S
12,5km

DANUBE AND OUTLIERS OF THE ALPS

SKYLINE VIENNA

WEIHNACHTSMÄRKTE

GRANDIOSE ARCHITECTURE

Michaelerplatz, 1792

Wiener Staatsoper, 1869

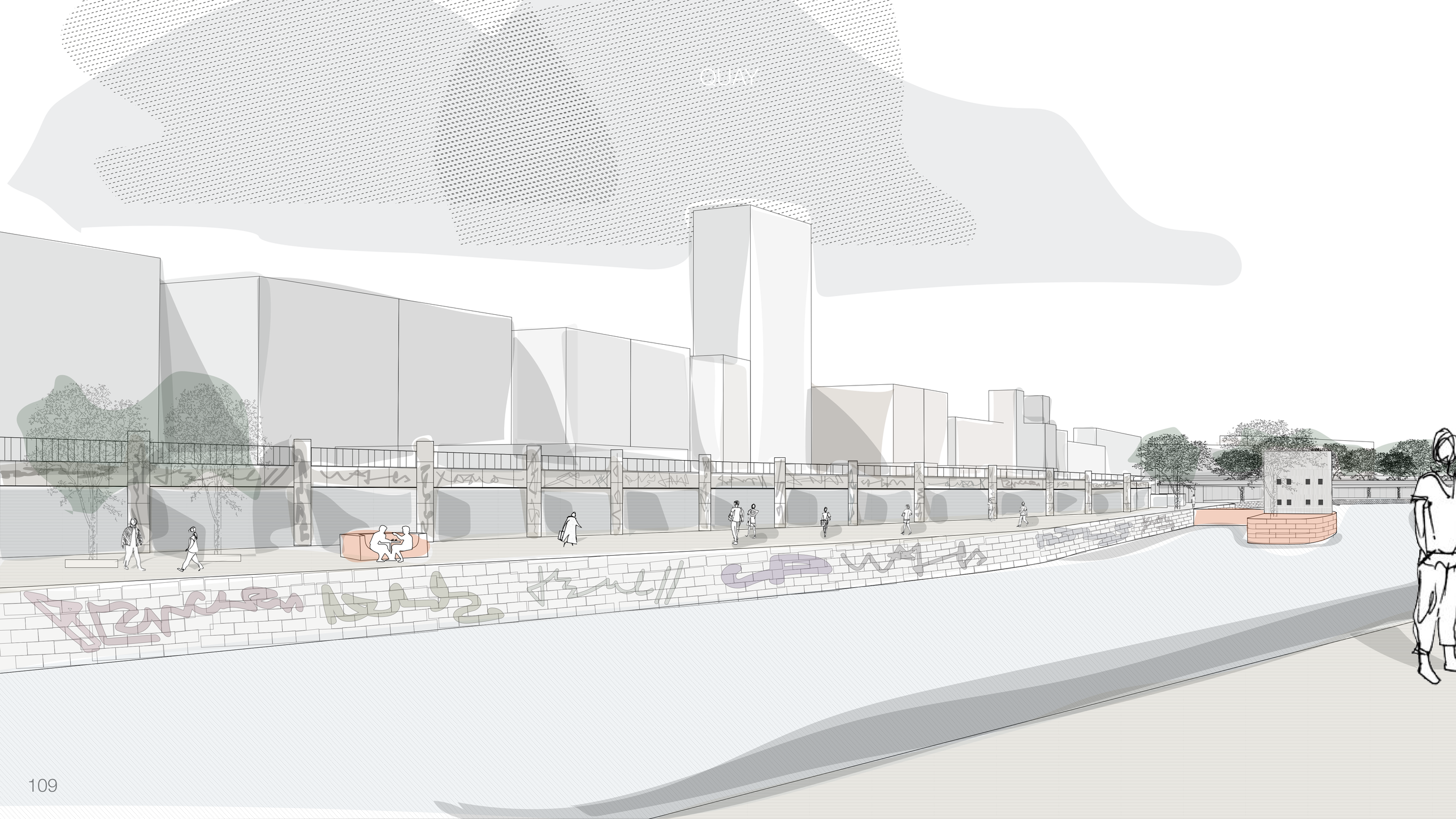
CONDUCTING RESEARCH AT CHRISTIAN-BRODA-PLATZ

SPOILED STREETSCAPES, MARIAHILFER STRABE

MORPHOLOGY MAP

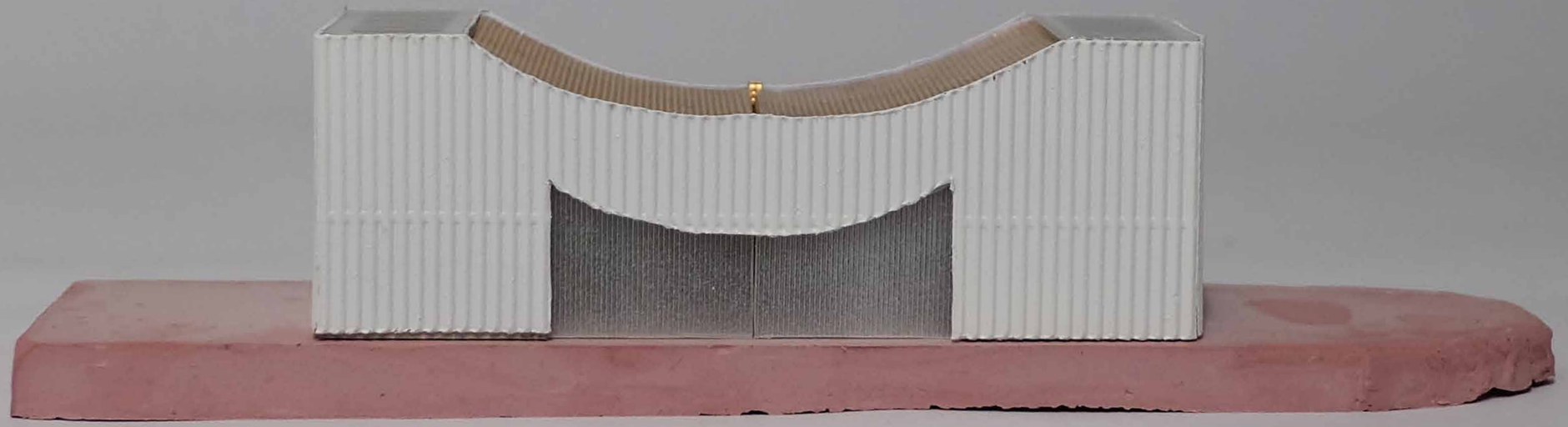
DESIGN LOCATION

KAISERBADSCHLEUSE

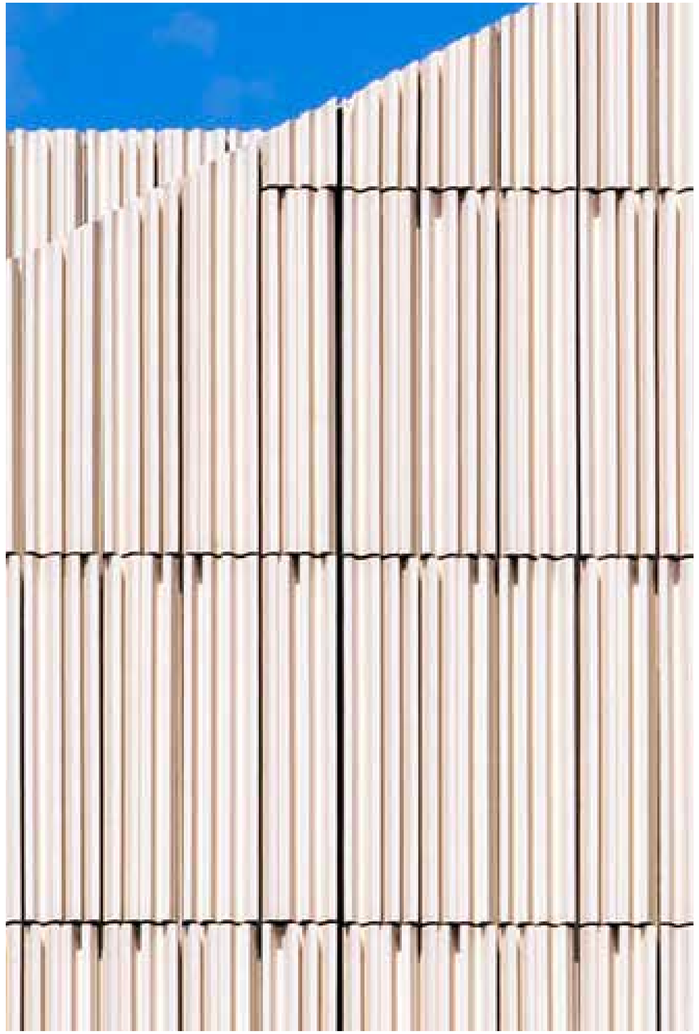


FORMER WATER LOCKS

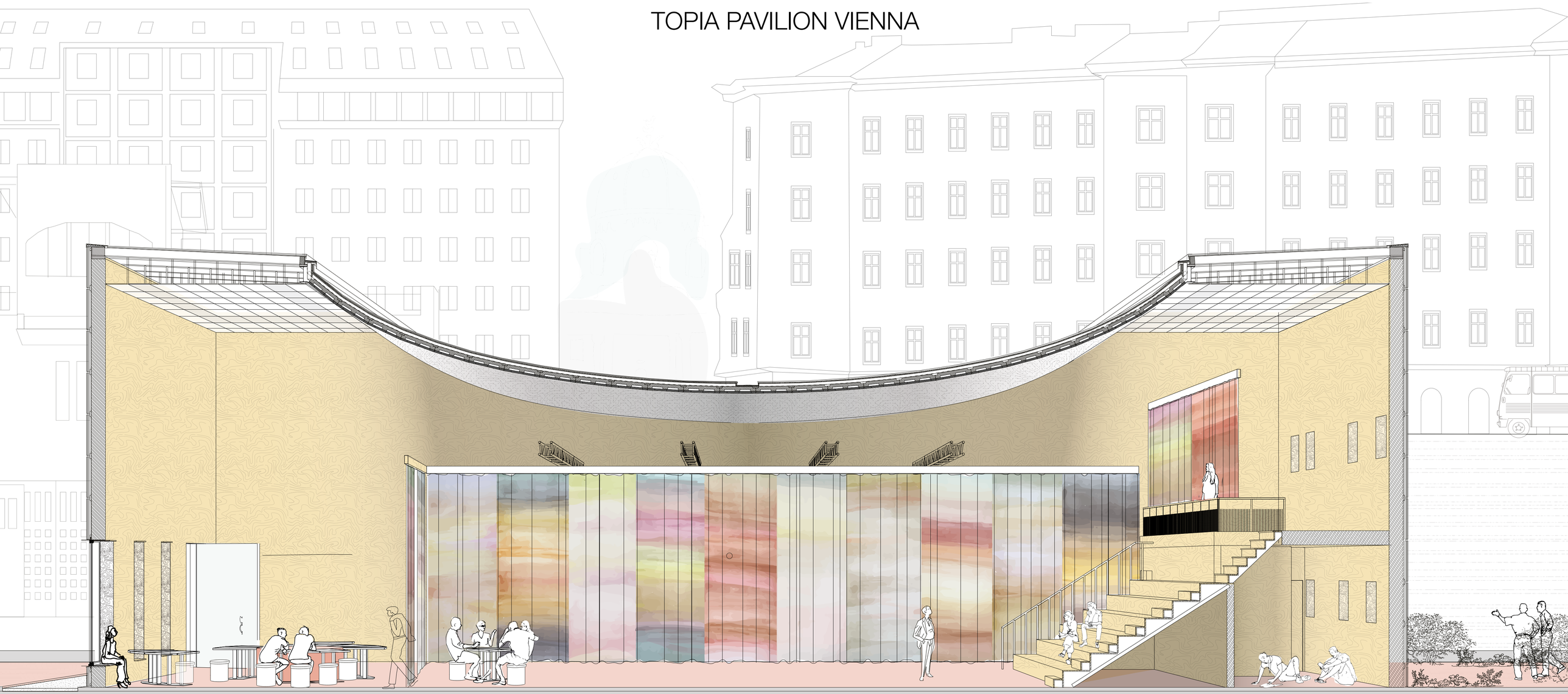
SHAPE AND MATERIAL



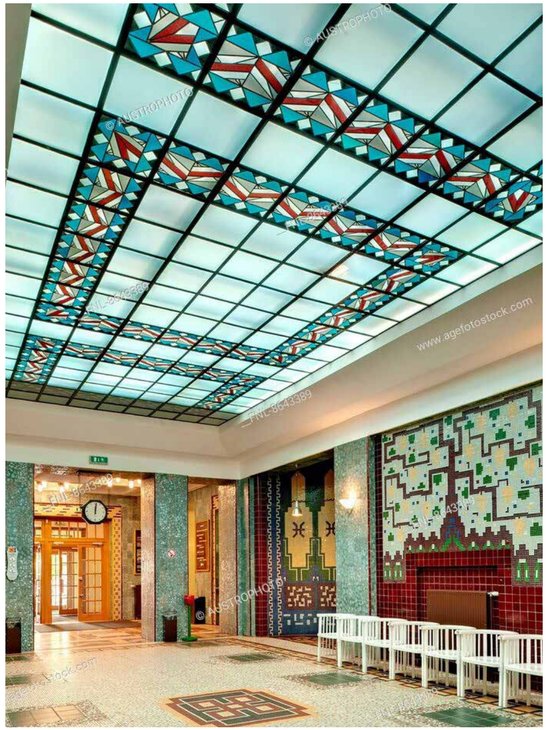
COLOUR



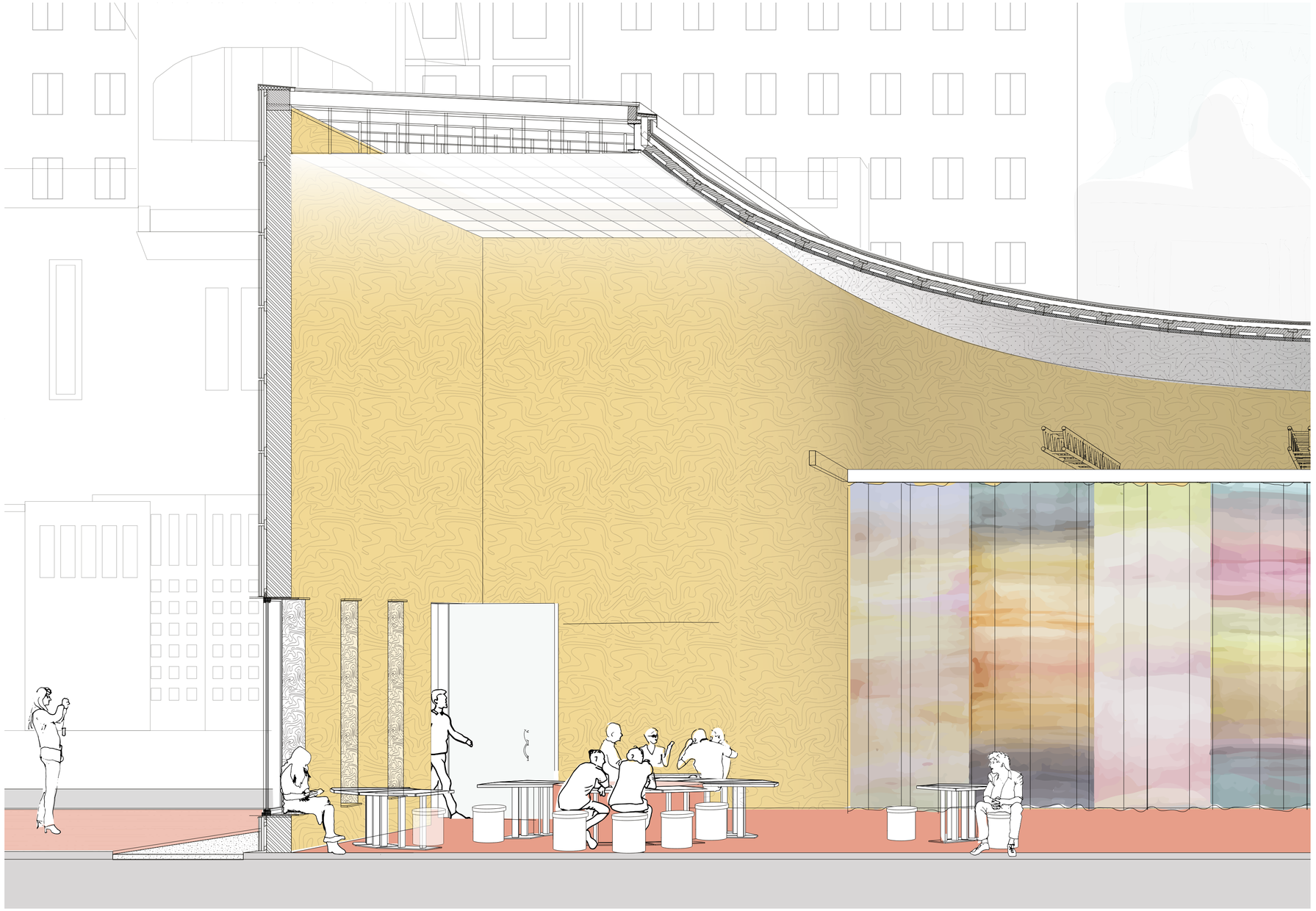
TOPIA PAVILION VIENNA

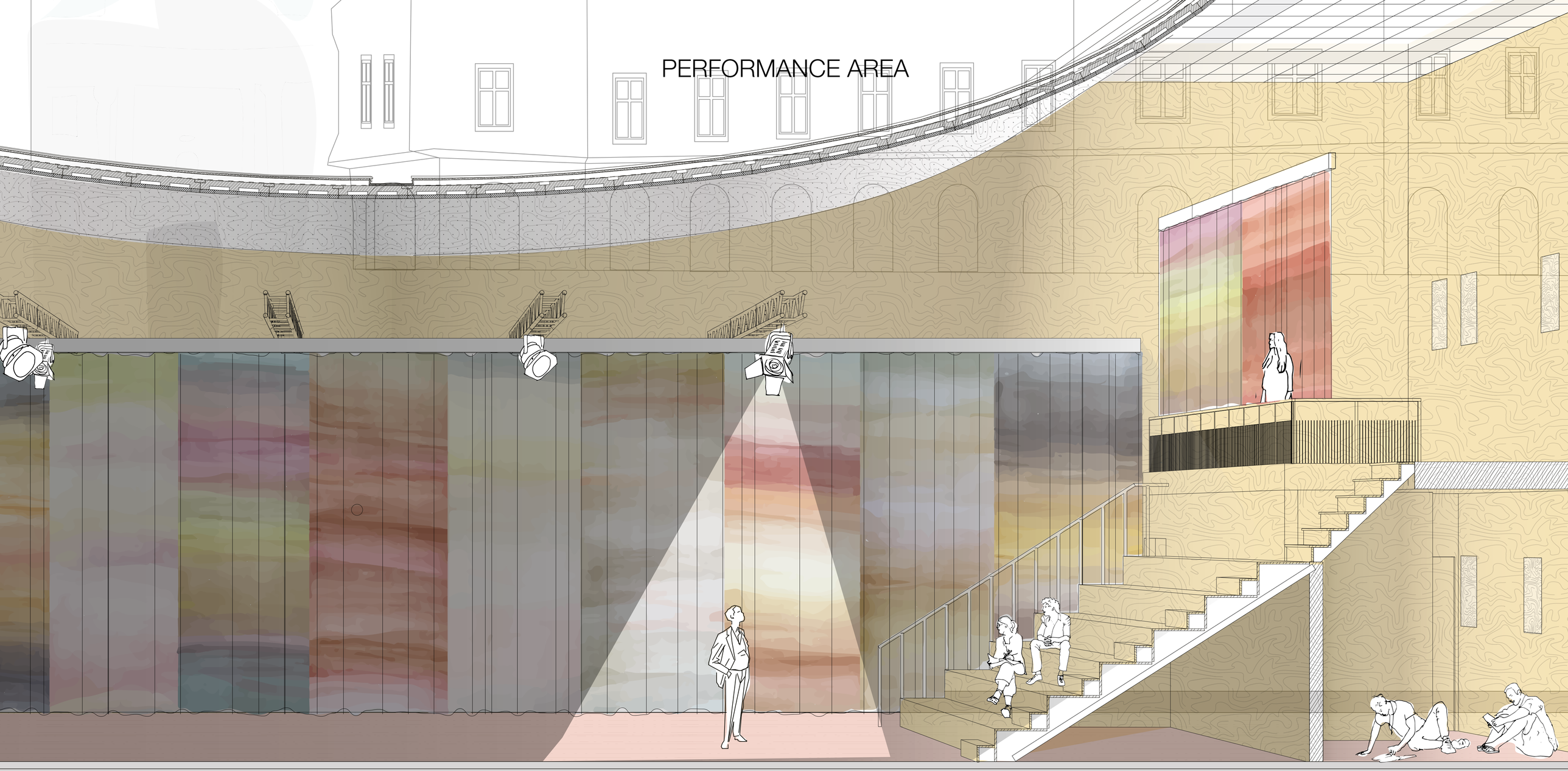


LIGHT



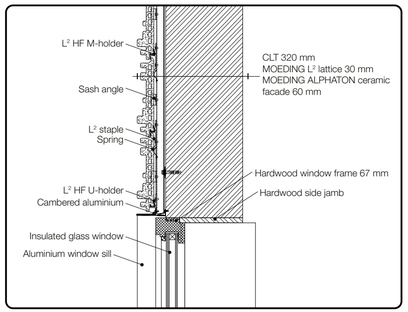
TOPIA CHAMBER



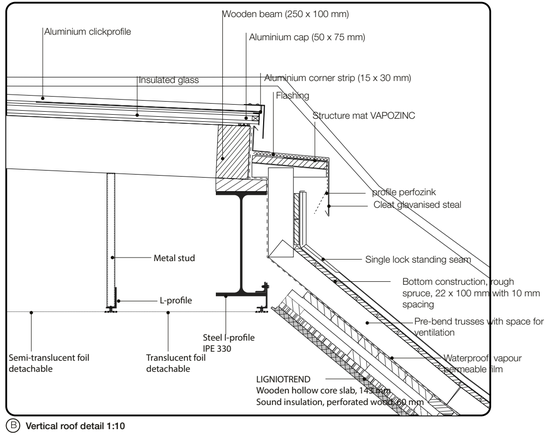

PERFORMANCE AREA

GARDEN

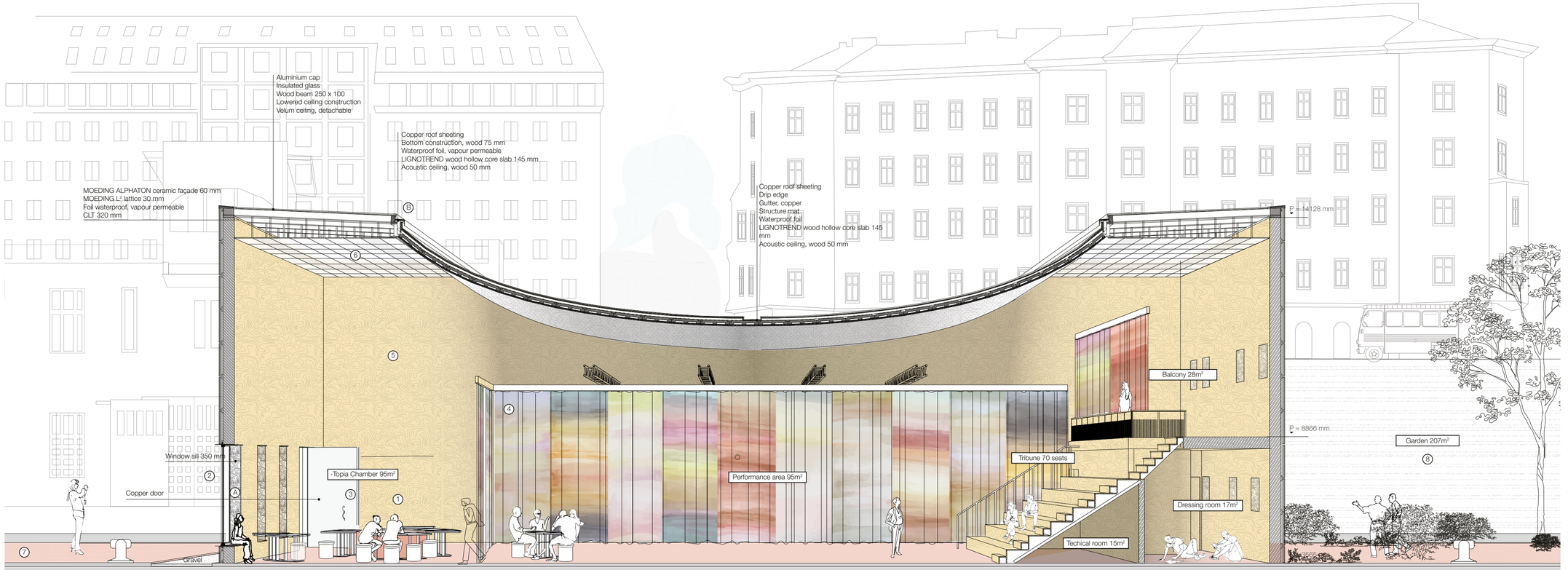
V I E N N A



Ⓐ **Horizontal facade detail 1:10**



Ⓑ **Vertical roof detail 1:10**



① **Table**
The core of the table is made in solid concrete. It is poured together with the foundation of the pavillion. Traces can be found in the concrete from when the place was not covered yet. Because the core of the table is so solid, it challenges people to use it in various ways. The outer leaves of the table can be moved accordingly so that one can also have the possibility to sit alone or create a bigger meeting.

② **Windows**
These talls windows give outsiders a glimpse of what happens inside. From the inside, being able to overlook the Danube from one's seat is a luxury. In adittion the windows are deep enough to sit in it.

③ **Doorhandle**
Inspired by a music note, this copper doorhandle sets the tone when entering the -Topia pavillion

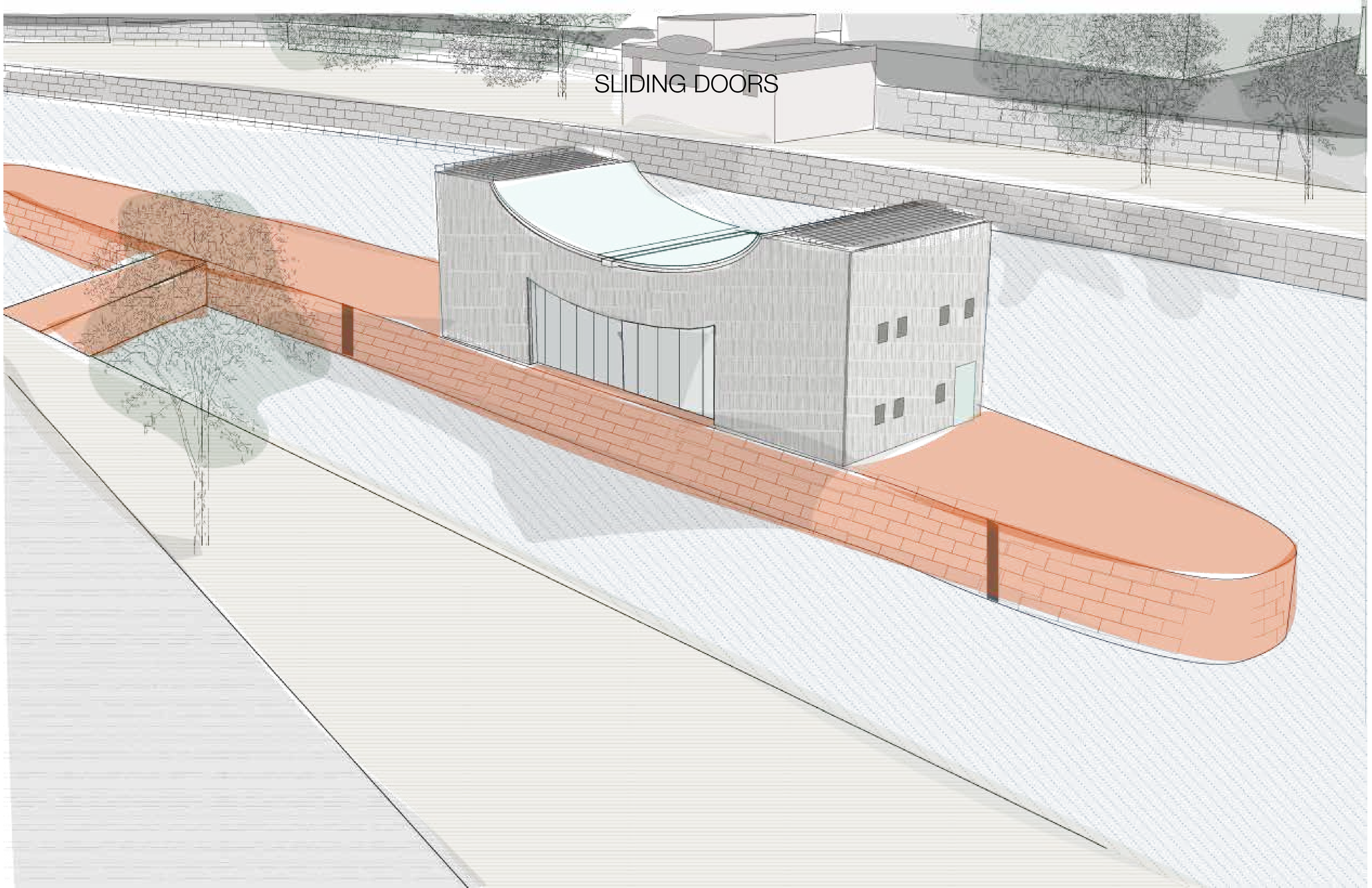
④ **Curtains**
Curtains are used to subdivide the space. The configurations can vary from a small meeting around the table, a theater play inside or a bigger show performed towards the outdoors. Furthermore the curtains add to the accousics of the space. The colours of the curtains bring the outside landscape to the indoors, creating a connection to a bigger whole.

⑤ **CLT**
The walls are made from cross laminated timber. This building material is made locally from Austrian timber. It functions as the structure of the pavillion and creates a warm atmosphere in the interior as well. On the exterior the walls are protected against the weather with a shell of white glazed teracotta panels. The panels create a waving pattern on the facade refering to a dress, or the curtains of a theater.

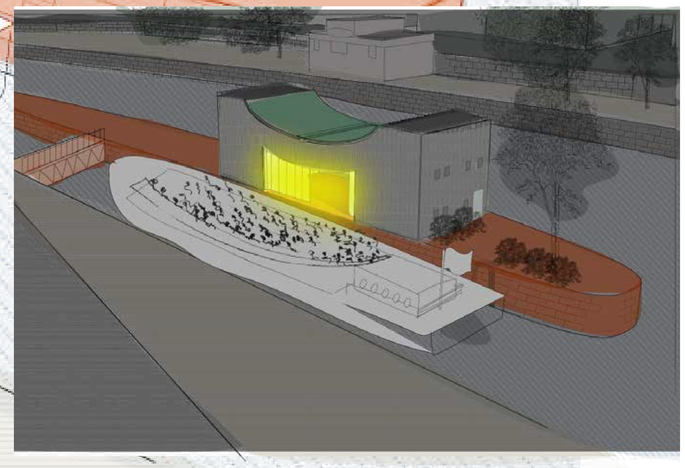
⑥ **Skylight**
The light falls from far above on both ends of the building. We think it creates a mood in the pavillion that reflects the typical atmoshpere of Vienna's streetscape where high appartament blocks are placed in close lines to eachother.
The lowered ceiling is inspired by the skylight of the Amalienbad in Vienna.

⑦ **Foundation**
Quiet some time before the pavilion is constructed the foundation will be poured. As such, it can already be used as a place. By adding a red pigment, the foundation becomes clearly visible in the public sphere.

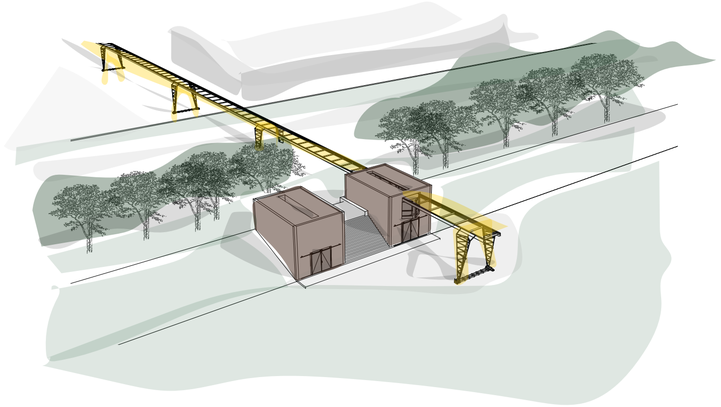
⑧ **Garden**
This garden is regarded as the 4th room of this pavillion, since it can only be reached trough the pavillion. It is located on the far end of the Kaiserbadschleuse where it overlooks the Donaucanal. It is a perfect place to watch a ship pass by.


SLIDING DOORS

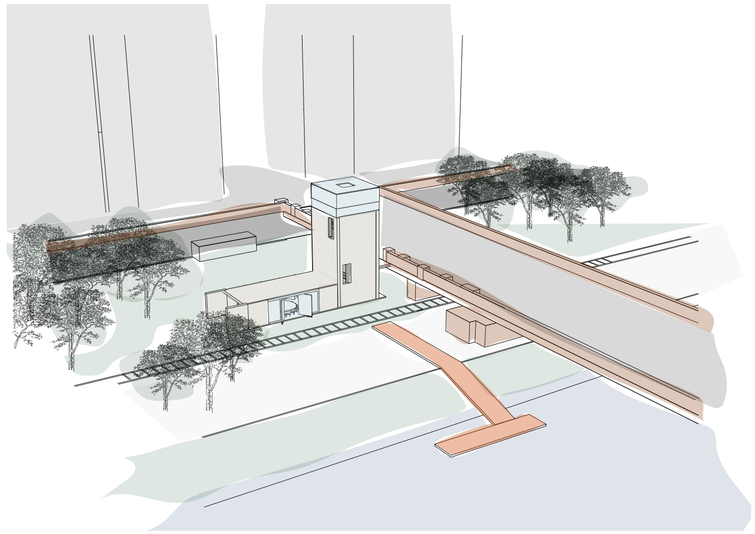
PERFORMANCE OUTSIDE



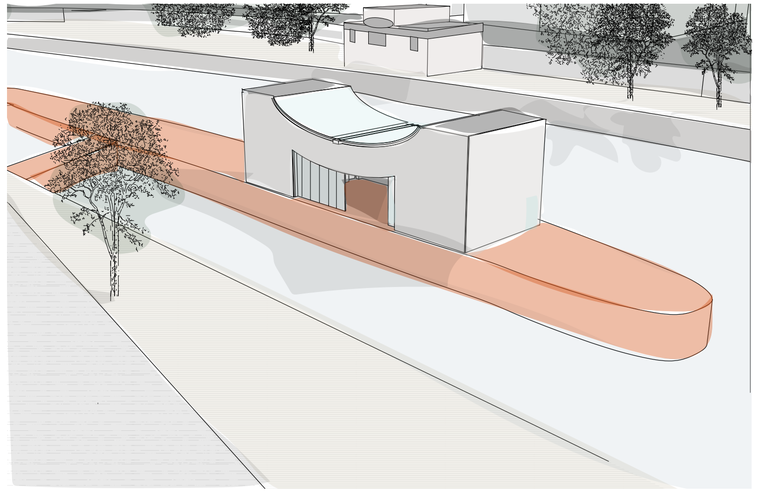
PICK OUR NEXT DESTINATION!



Main designer: Sophie // Cologne



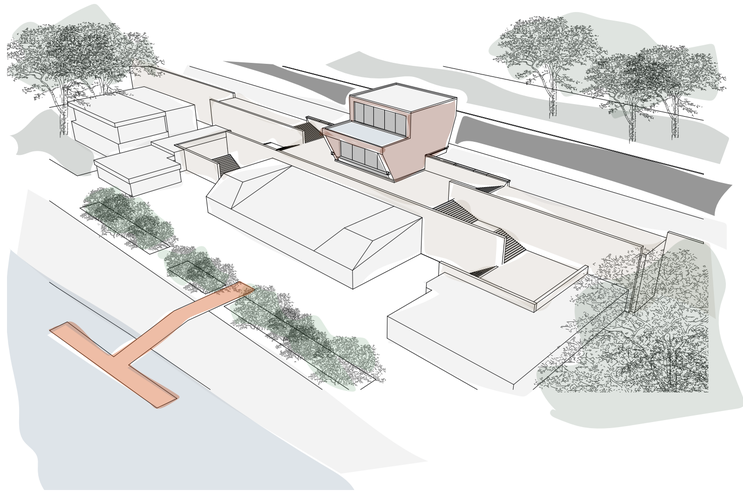
Main designer: Willie // Frankfurt am Main



Main designer: Italo // Vienna

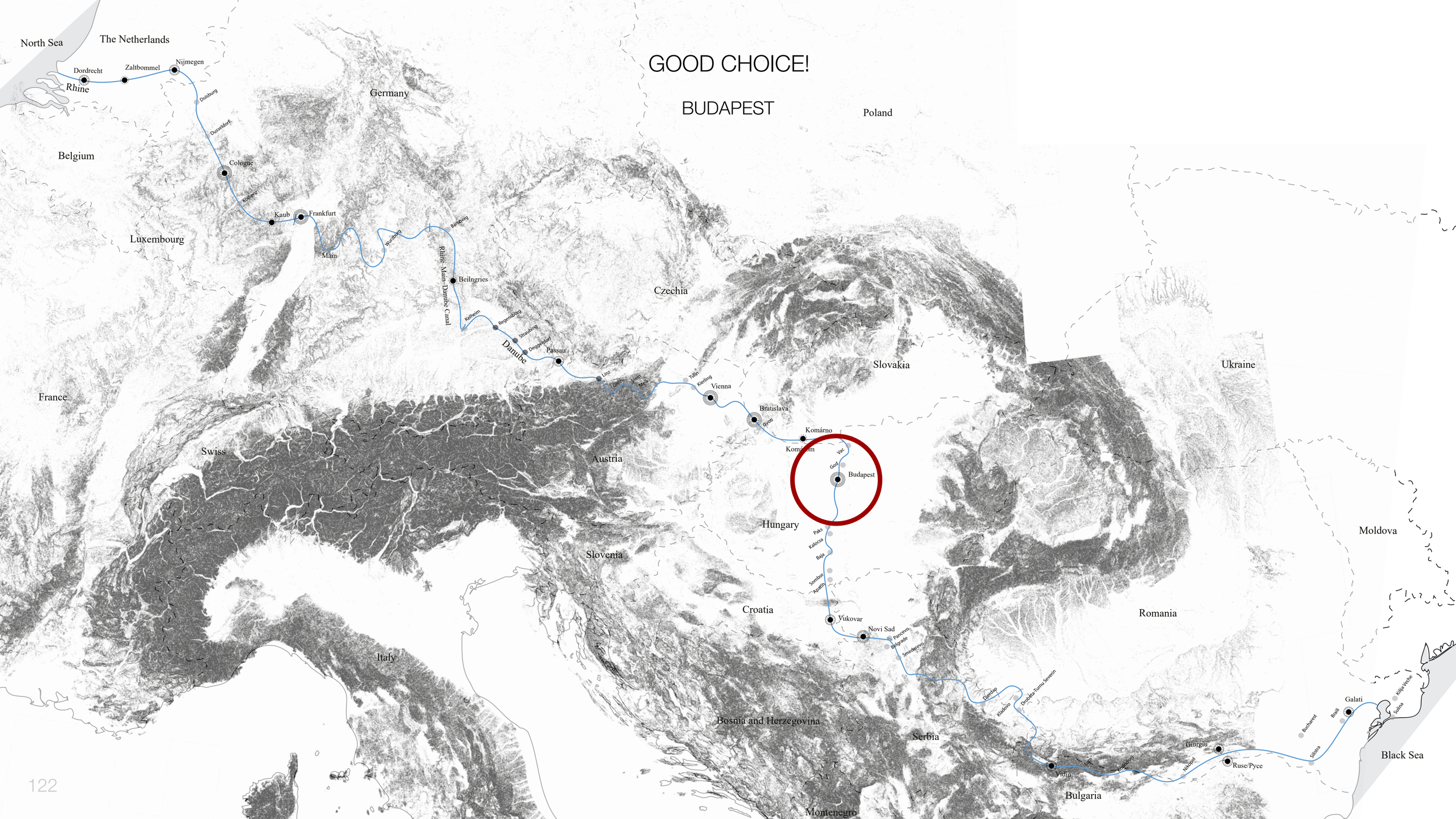
Main designer: Sophie // Budapest

Main designer: Willie // Ruse

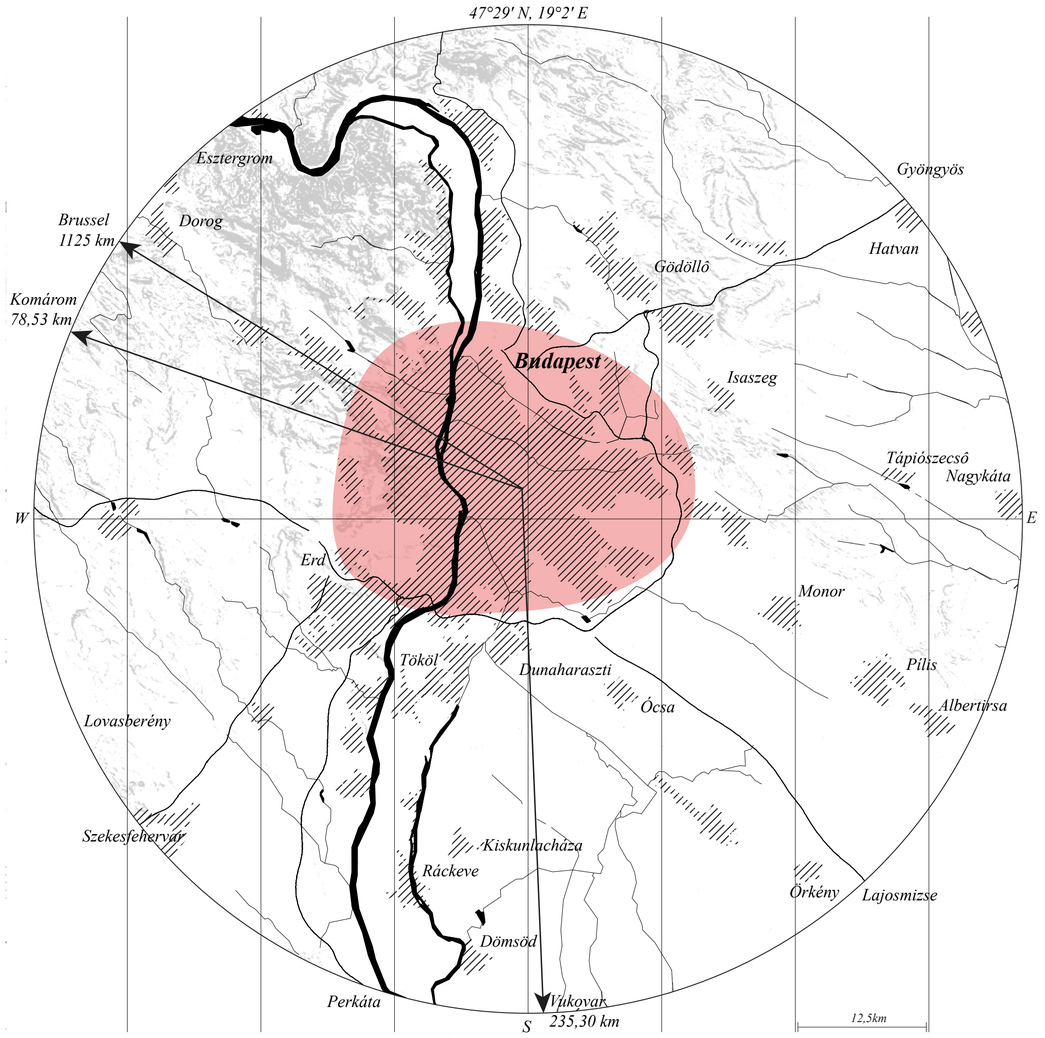


Main designer: Italo // Galati

END


GOOD CHOICE!
BUDAPEST
North Sea
The Netherlands
Dordrecht
Zaltbommel
Nijmegen
Rhine
Duisburg
Dusseldorf
Cologne
Koblenz
Kaub
Frankfurt
Main
Wurzburg
Bamberg
Rhine-Main-Danube Canal
Beilngries
Kelheim
Regensburg
Straubing
Deggendorf
Passau
Danube
Linz
Grein
Ybbs
Melk
Tulln
Klerling
Vienna
Bratislava
Gyoru
Komárno
Komárom
Vac
God
Budapest
Paks
Kalocsa
Baja
Sombor
Apatin
Vukovar
Novi Sad
Pancevo
Belgrade
Smederevo
Djerdap
Kladovo
Drobeta-Turnu Severin
Vidin
Lom
Kozloduy
Nikopol
Giurgiu
Ruse/Pyce
Silistra
Bucharest
Braila
Galati
Kilija Veche
Sulina
Black Sea
Germany
Poland
Belgium
Luxembourg
France
Swiss
Austria
Czechia
Slovakia
Ukraine
Moldova
Hungary
Slovenia
Croatia
Romania
Italy
Bosnia and Herzegovina
Serbia
Montenegro
Bulgaria

NETWORK MAP

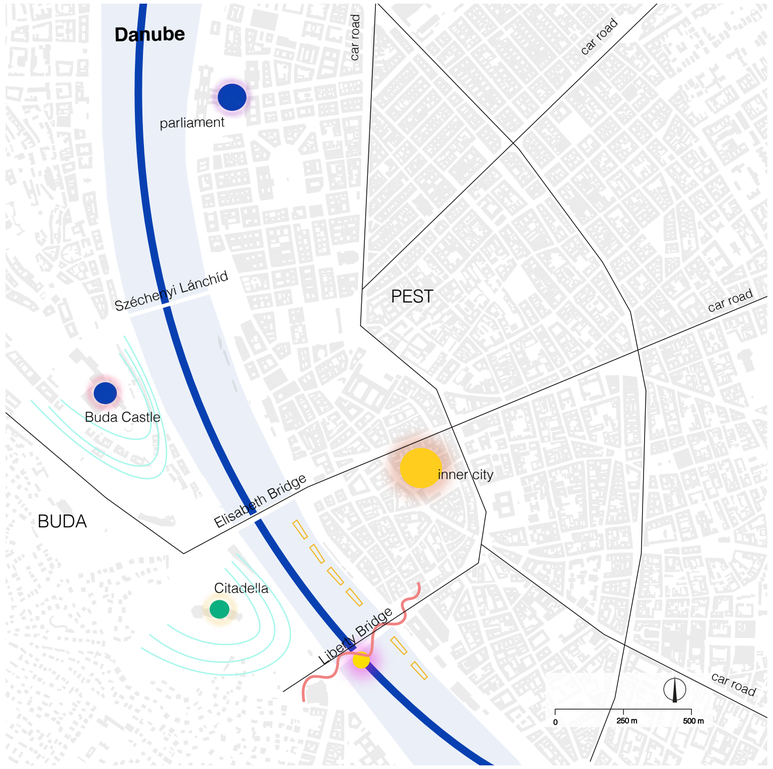

47°29' N, 19°2' E
Esztergrom
Gyöngyös
Brussel
1125 km
Dorog
Hatvan
Gödöllő
Komárom
78,53 km
Budapest
Isaszeg
Tápiószecsô
Nagykáta
W
E
Erd
Monor
Tököl
Dunaharaszti
Pilis
Albertirsa
Ócsa
Lovasberény
Szekesfehervár
Kiskunlacháza
Ráckeve
Örkény
Lajosmizse
Dömsöd
Perkáta
Vukovar
235,30 km
S
12,5km

JOURNEY

MORPHOLOGY MAP

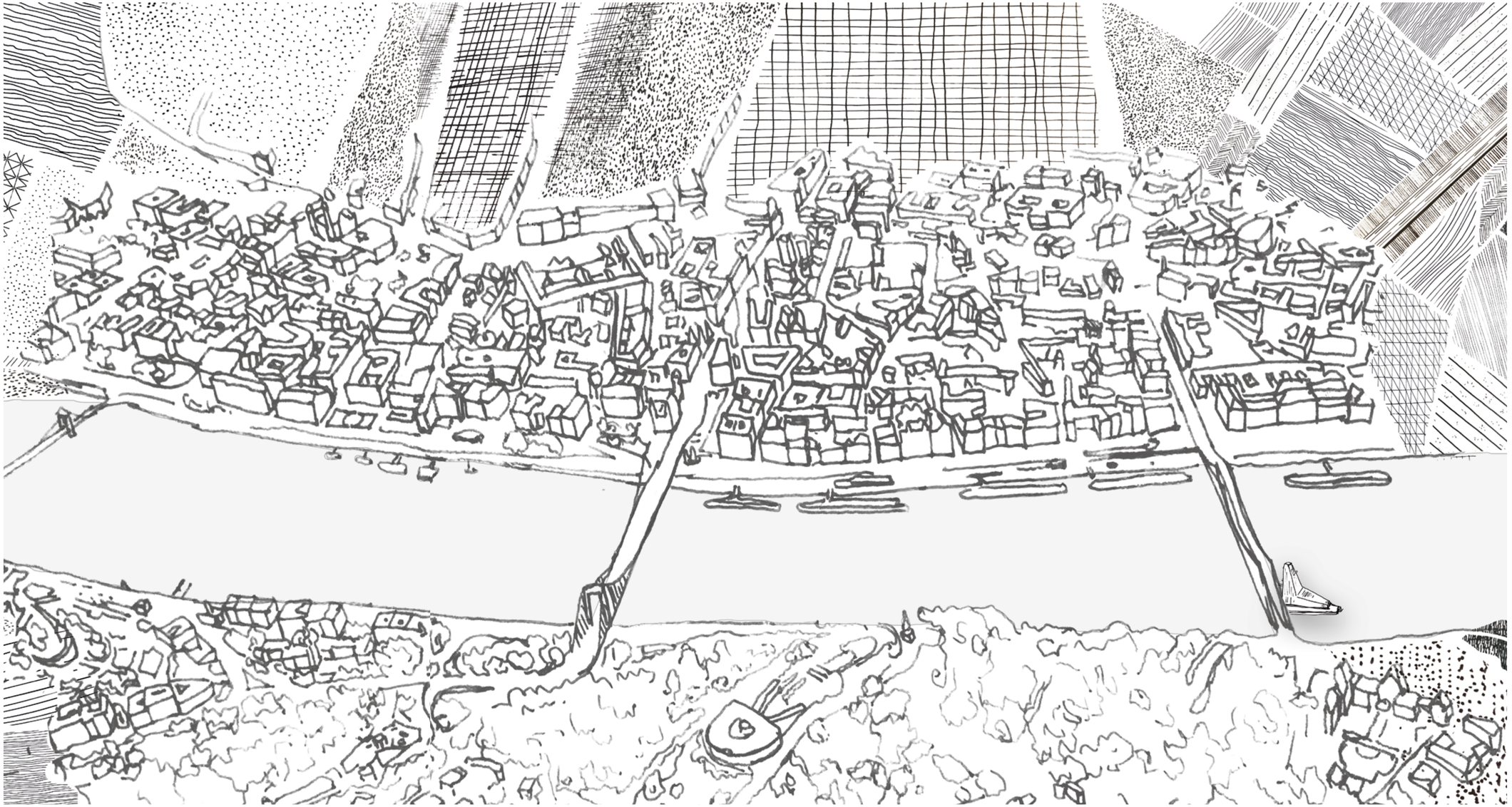
KOSSUTH LAJOS TER

LIBERTY BRIDGE



CIVIC REPRESENTATION

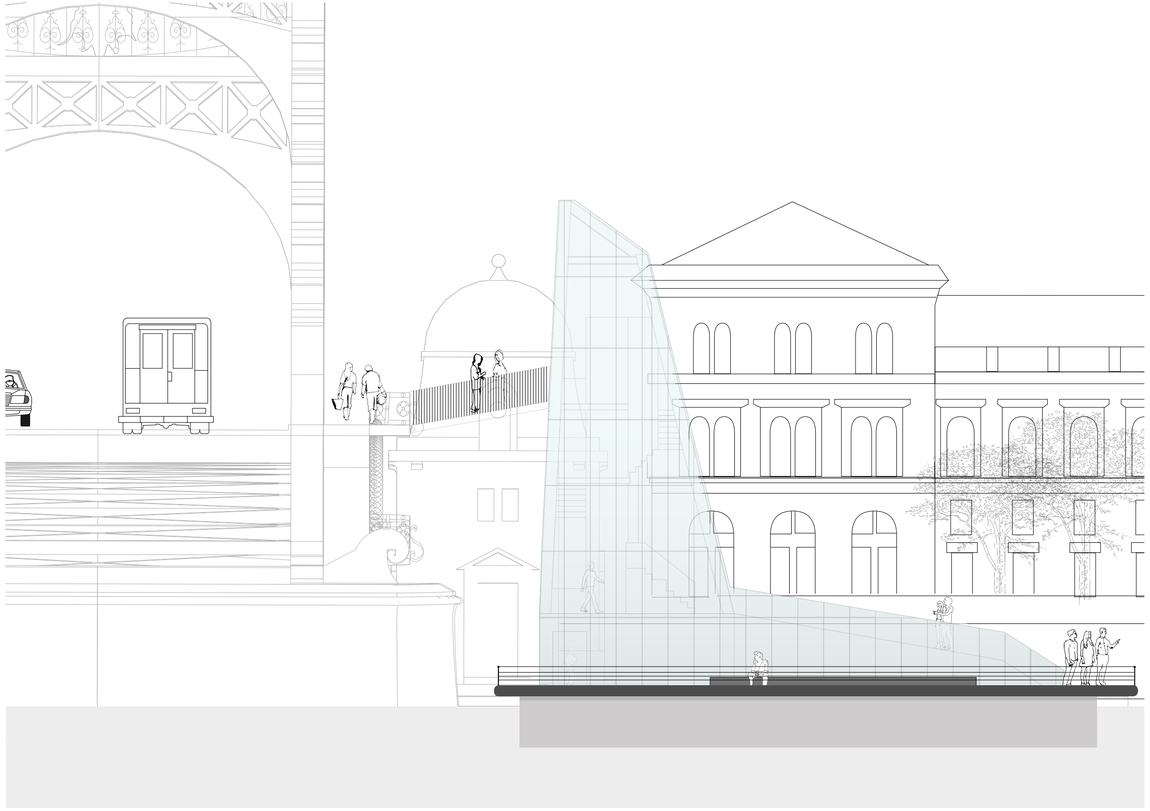
BIRD’S EYE VIEW LOCATION



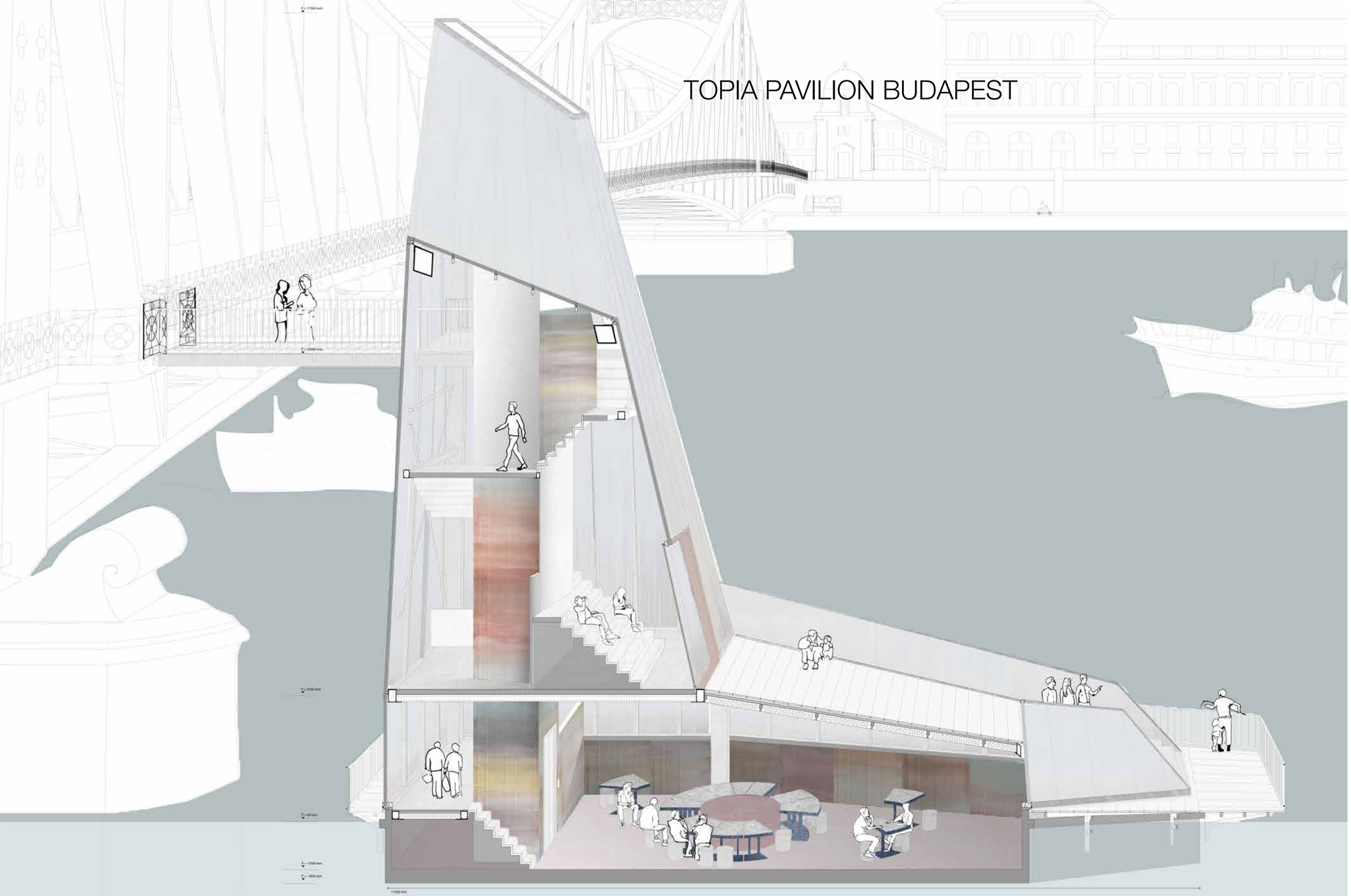
BIRD’S EYE VIEW LOCATION

ANTICIPATING A FUTURE WITH NO TRAFFIC

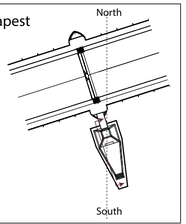
SHAPE



TOPIA PAVILION BUDAPEST

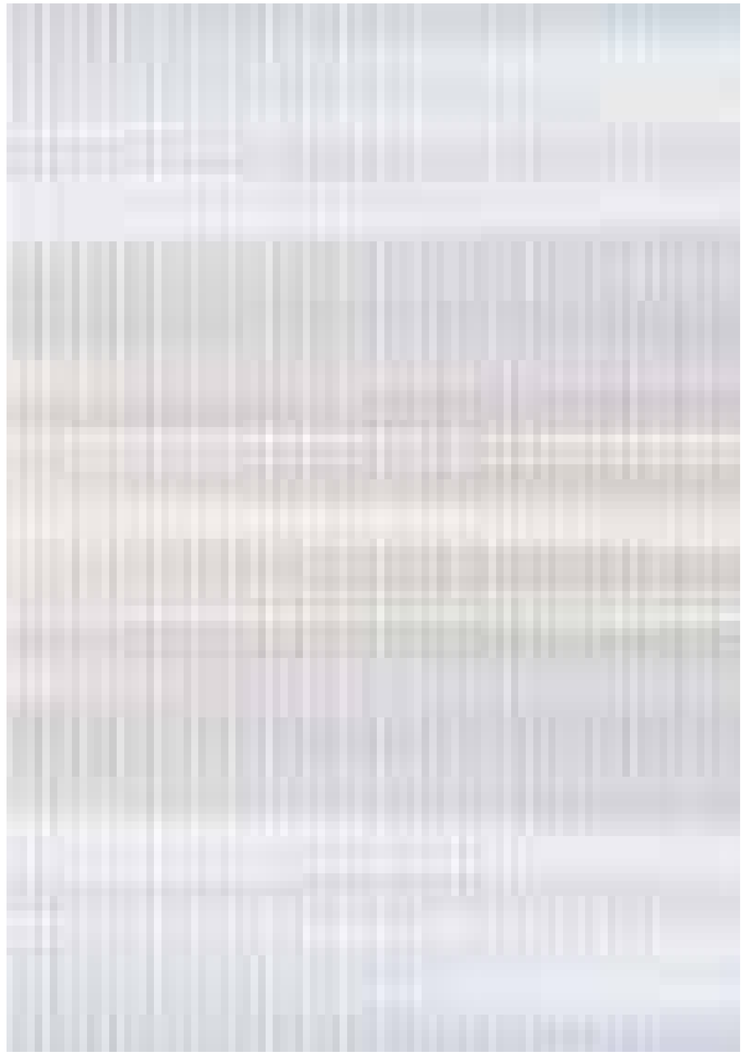


Section - Topia Pavilion Budapest



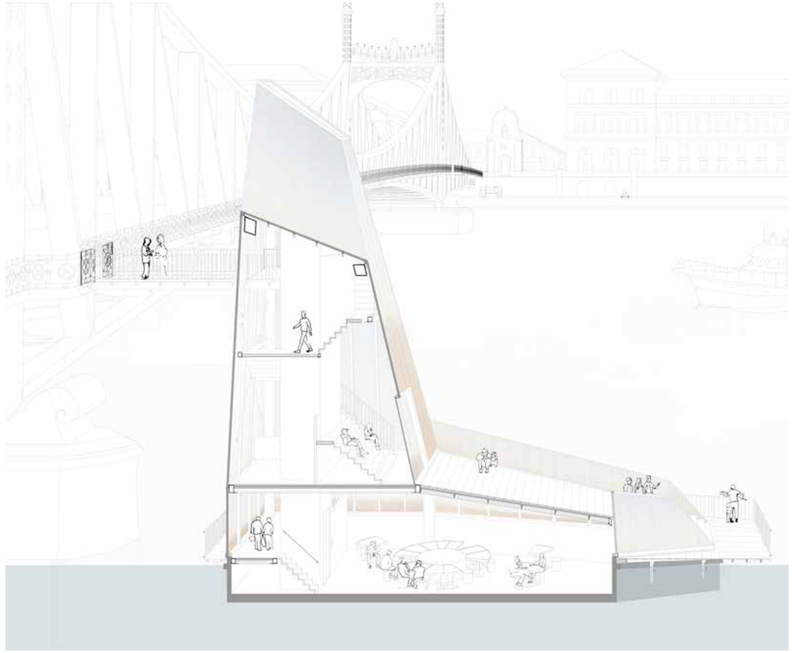
Average temp.
Highs 28° C
Lows -2° C

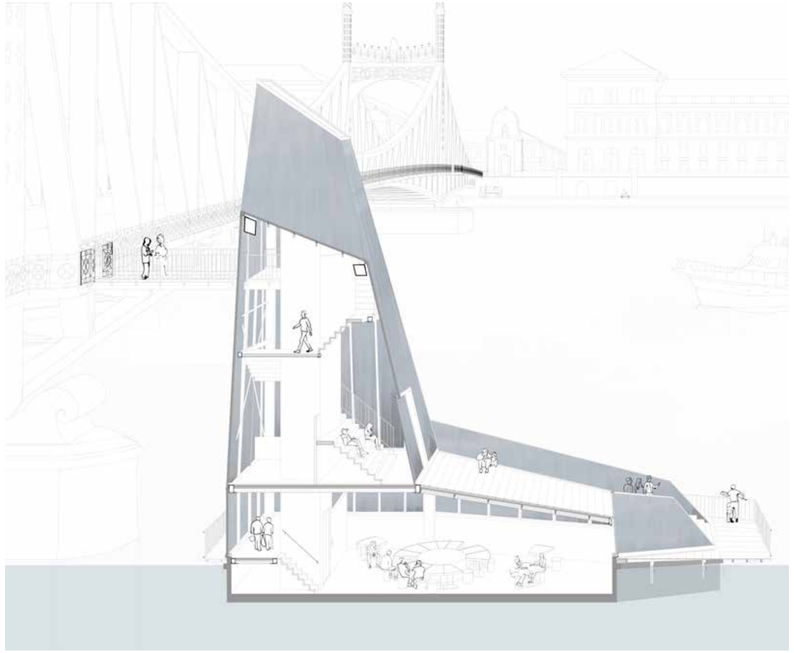
COLOUR AND MATERIAL

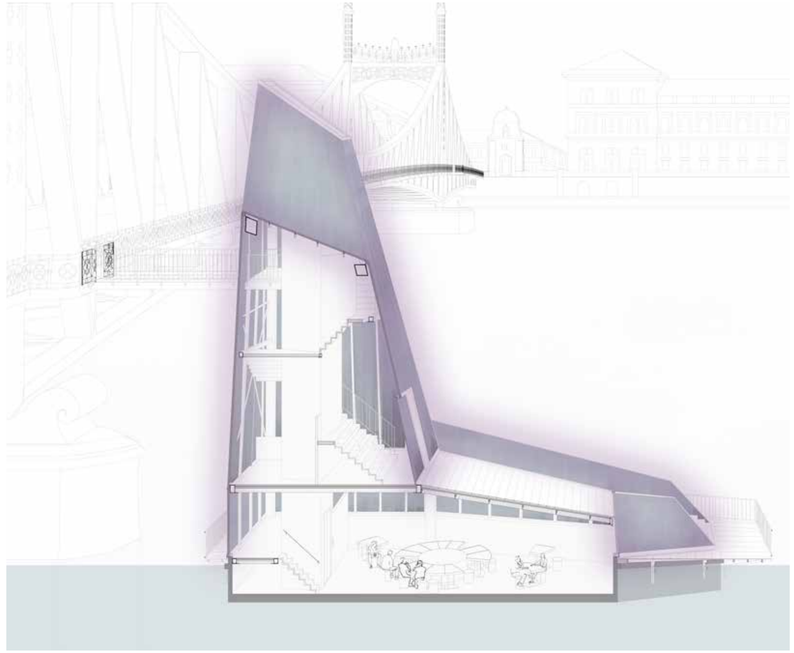


POLYCARBONATE

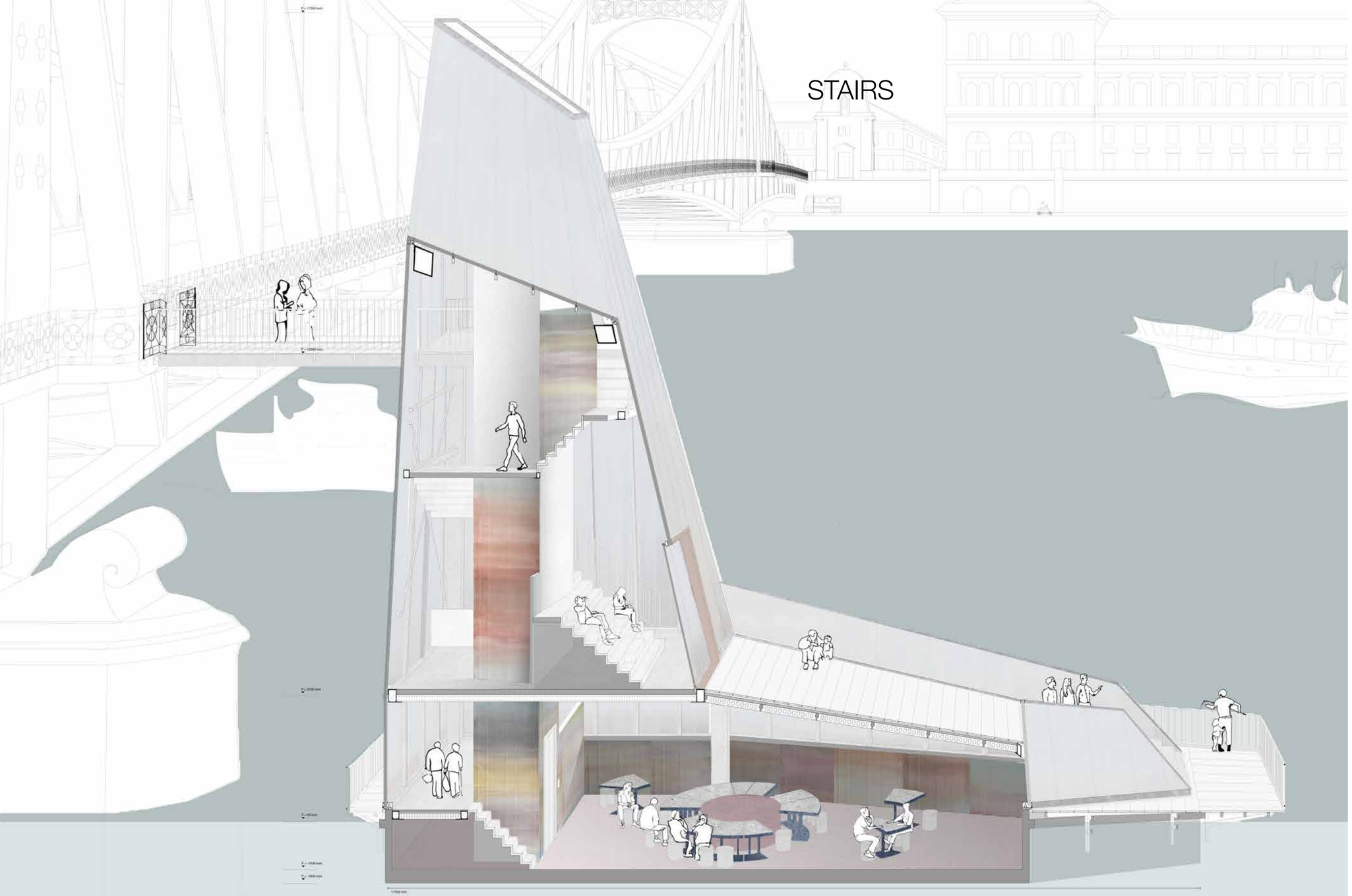
REFLECTION // GLOWING



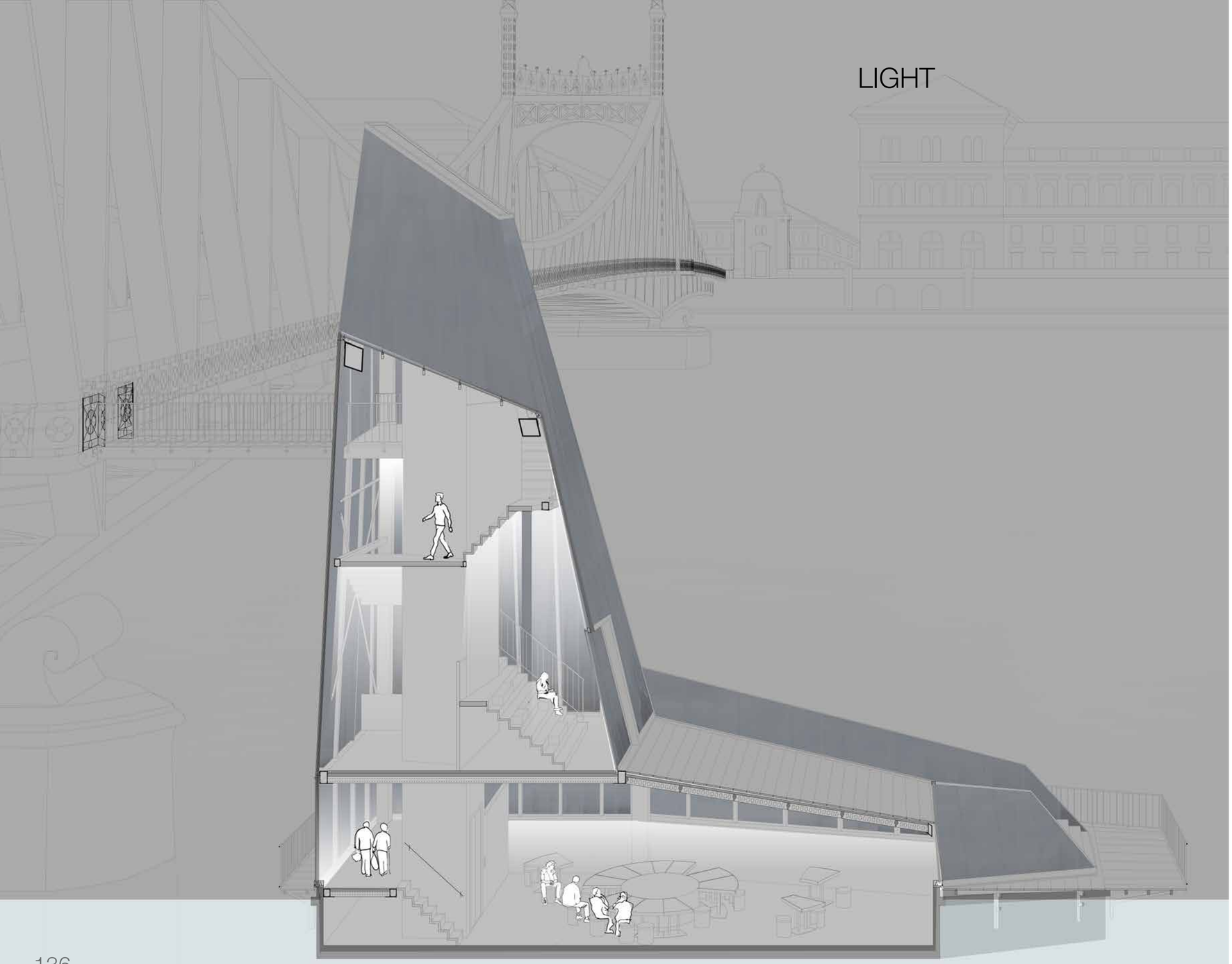


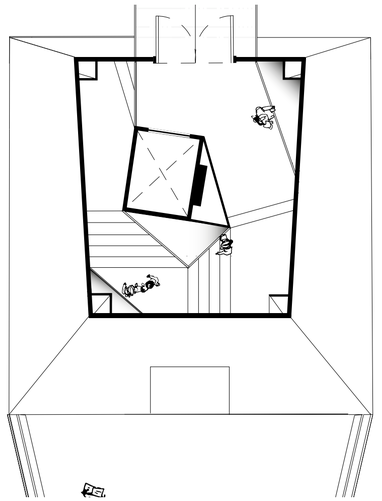


STAIRS

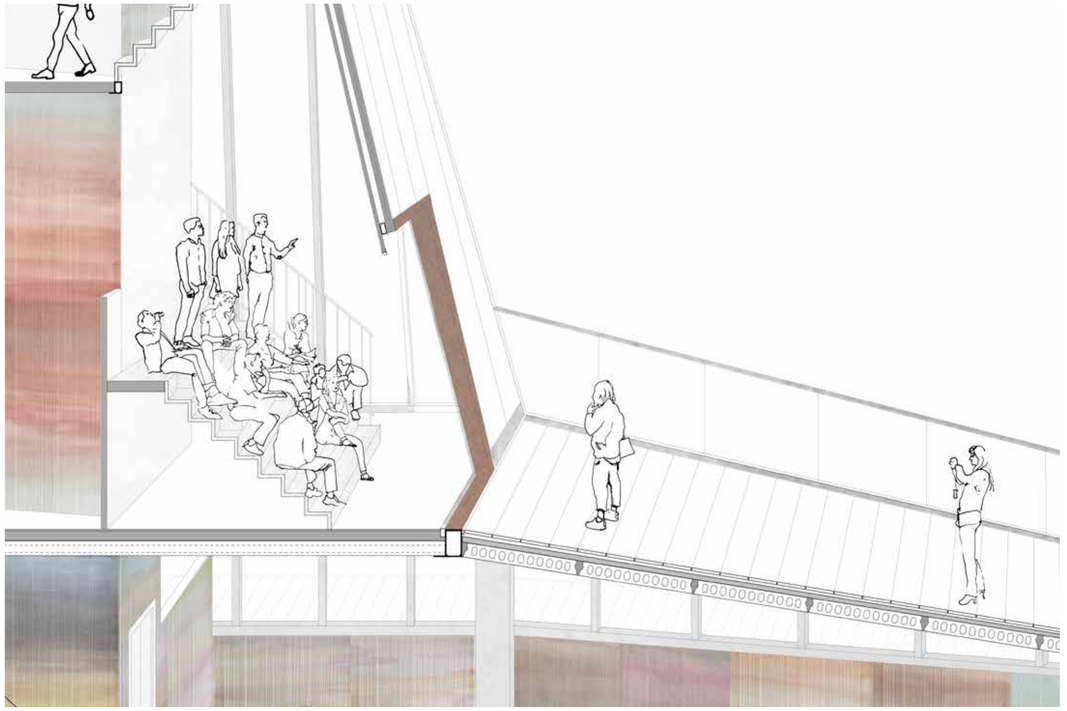


LIGHT

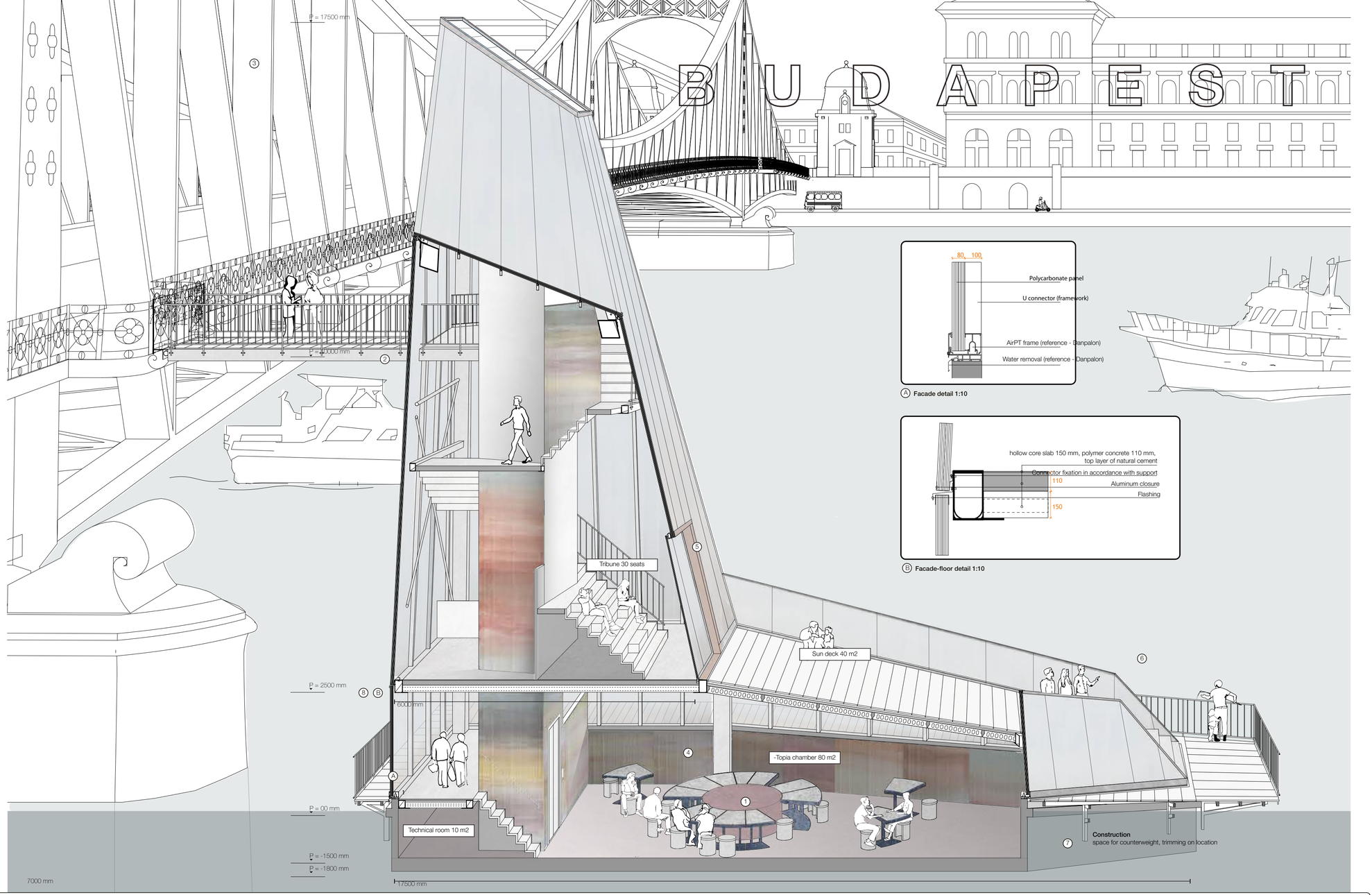




TRIBUNE



TOPIA CHAMBER



A Facade detail 1:10

B Facade-floor detail 1:10

1 Table
The core of the table is made in solid concrete. It is poured together with the foundation of the pavillion. Traces can be found in the concrete from when the place was not covered yet. Because the core of the table is so solid, it challenges people to use it in various ways. The outer leaves of the table can be moved accordingly so that one can also have the possibility to sit alone or create a bigger meeting.

2 Hinged walkway
The walkway is attached to the Liberty Bridge by a pinned connection so it can hinge if the water level is fluctuating.

3 Bridge
The Liberty Bridge has a long civic history and has currently a central role in the usage of public space in Budapest. In the summer of 2016, the bridge was opened only to pedestrians due to renovations, and became an extremely popular hangout spot. It became a hub of activity, from open-air picnics to parties. Since this event, the bridge is opened for pedestrians only for 4 weekends every summer. Currently the municipalities are considering plans to close the bridge completely to traffic.

4 Tapestry
The tapestry on the walls is made from dyed woold. The sounds of the people will muffle due to the fabrics that surround them. Fabrics that some will recognize and other just appreciate due to its colourful appearance, colours that not only reflect the direct surroundings, but the landscapes of a bigger whole.

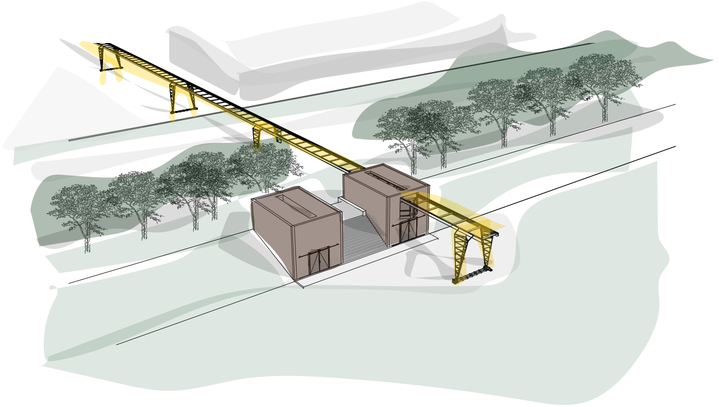
5 Vertical sliding door
The vertical sliding door is carried by rear steel beams which are attached/resting on the steel construction. If the door is lifted people can enjoy the view over the Danube from the tribune or the sun deck can be transformed in a stage.

6 Location
Facing south-east, amidst the blue water of the Danube, the pavilion sways along with the movement of the passing ships. Strengthening the link between city and water, the pavilion introduces a new place that invites visitors to enjoy and experience views over the landscape and this popular and familiar bridge.

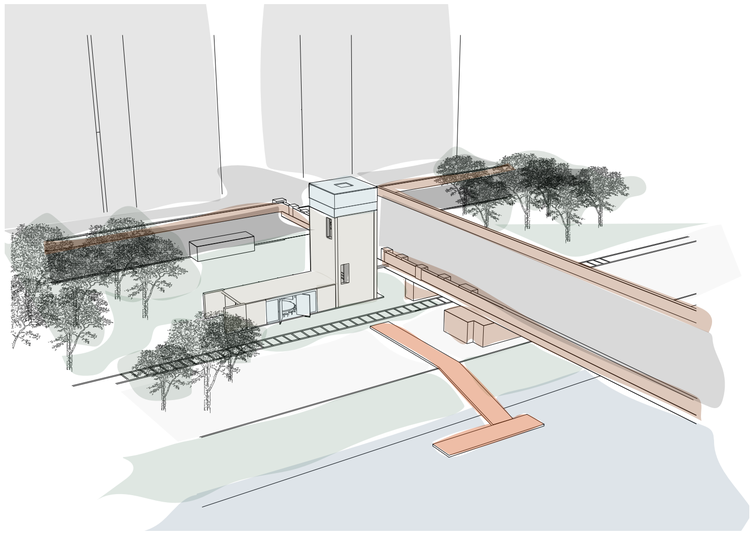
7 Foundation
Before the pavilion is constructed the foundation will be poured first. By adding a red pigment, the foundation becomes clearly visible in the public sphere. Before the pavilion is constructed the foundation can already be used as a place. In this specific pavilion the foundation floats and will be moved from the quay side to the pilar of the Liberty Bridge.

8 Facade
The pavilion is made up of 1 volume, constructed of a steel frame and translucent polycarbonate curtain walls (colour opal). The quality of polycarbonate is that it reflects the colours of its surroundings and echoes the movement of the city, water and sky while at the same time being unconventional to the existing architecture. At night the translucent volume offers an option of glowing, and insofar, the pavilion becomes a small landmark for the area.

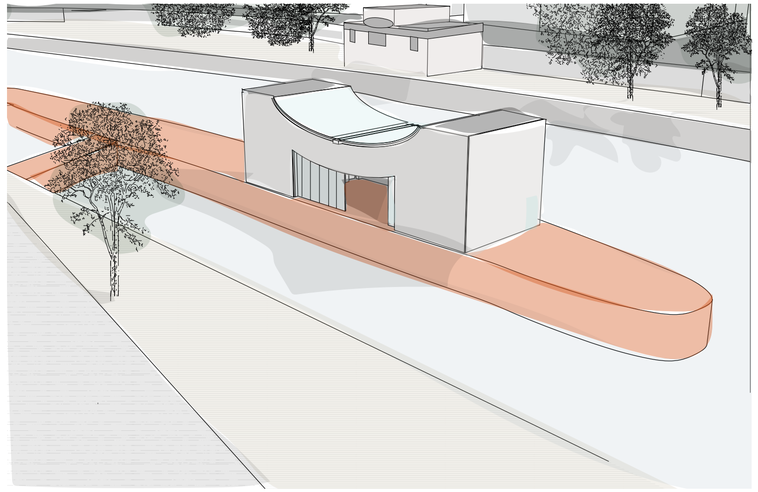
PICK OUR NEXT DESTINATION!



Main designer: Sophie // Cologne



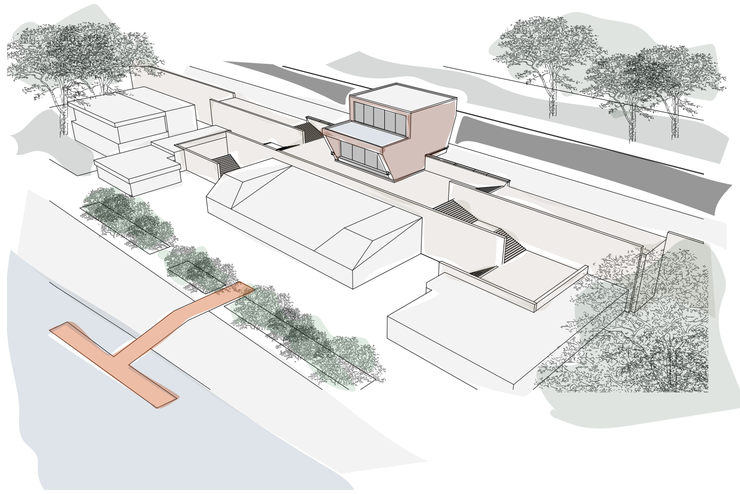
Main designer: Willie // Frankfurt am Main



Main designer: Italo // Vienna

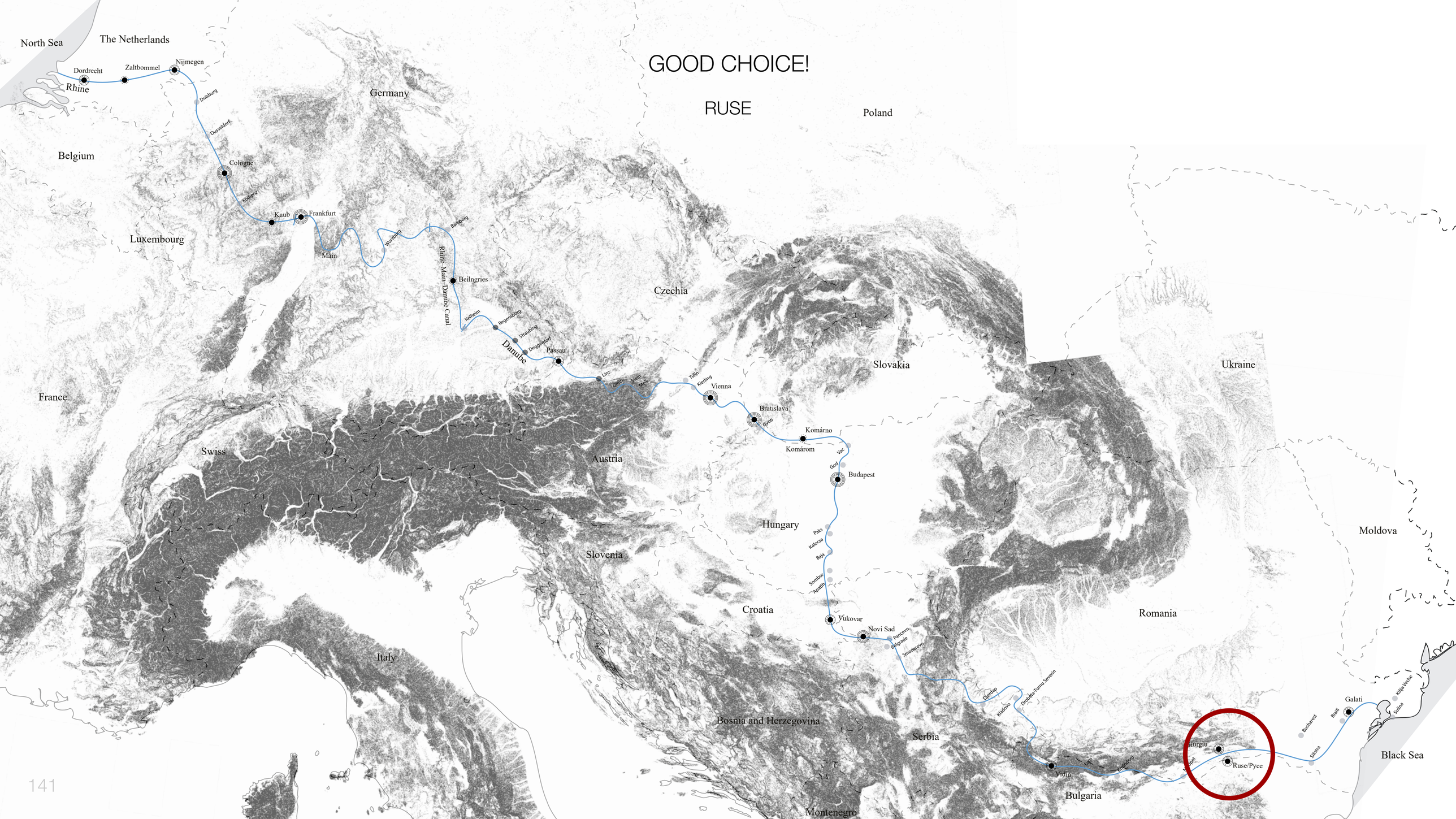
Main designer: Sophie // Budapest

Main designer: Willie // Ruse



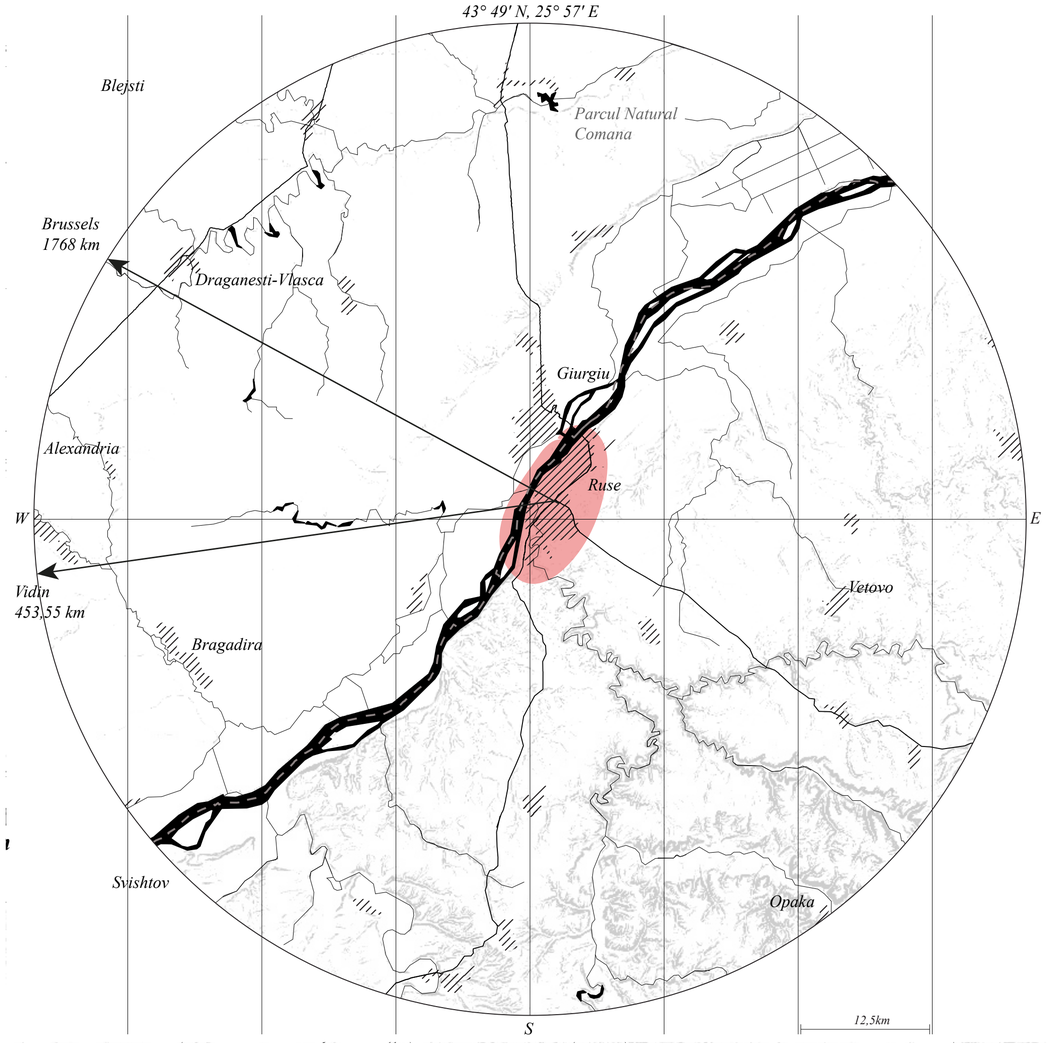
Main designer: Italo // Galati

END


GOOD CHOICE!
RUSE
North Sea
The Netherlands
Dordrecht
Zaltbommel
Nijmegen
Rhine
Duisburg
Dusseldorf
Cologne
Koblenz
Kaub
Frankfurt
Main
Wurzburg
Bamberg
Rhine-Main-Danube Canal
Beilngries
Kelheim
Regensburg
Straubing
Deggendorf
Passau
Danube
Linz
Grein
Ybbs
Melk
Tulln
Klerling
Vienna
Bratislava
Gyoru
Komárno
Komárom
Vac
God
Budapest
Paks
Kalocsa
Baja
Somkor
Apatin
Vukovar
Novi Sad
Pancevo
Belgrade
Smederevo
Djerdap
Kladovo
Drobeta-Turnu Severin
Vidin
Lom
Vratsa
Pleven
Giurgiu
Ruse/Pyce
Bucharest
Braila
Galati
Silistra
Kilija Veche
Sulina
Black Sea
Germany
Poland
Belgium
Luxembourg
France
Swiss
Austria
Czechia
Slovakia
Ukraine
Moldova
Hungary
Slovenia
Croatia
Romania
Italy
Bosnia and Herzegovina
Serbia
Bulgaria
Montenegro

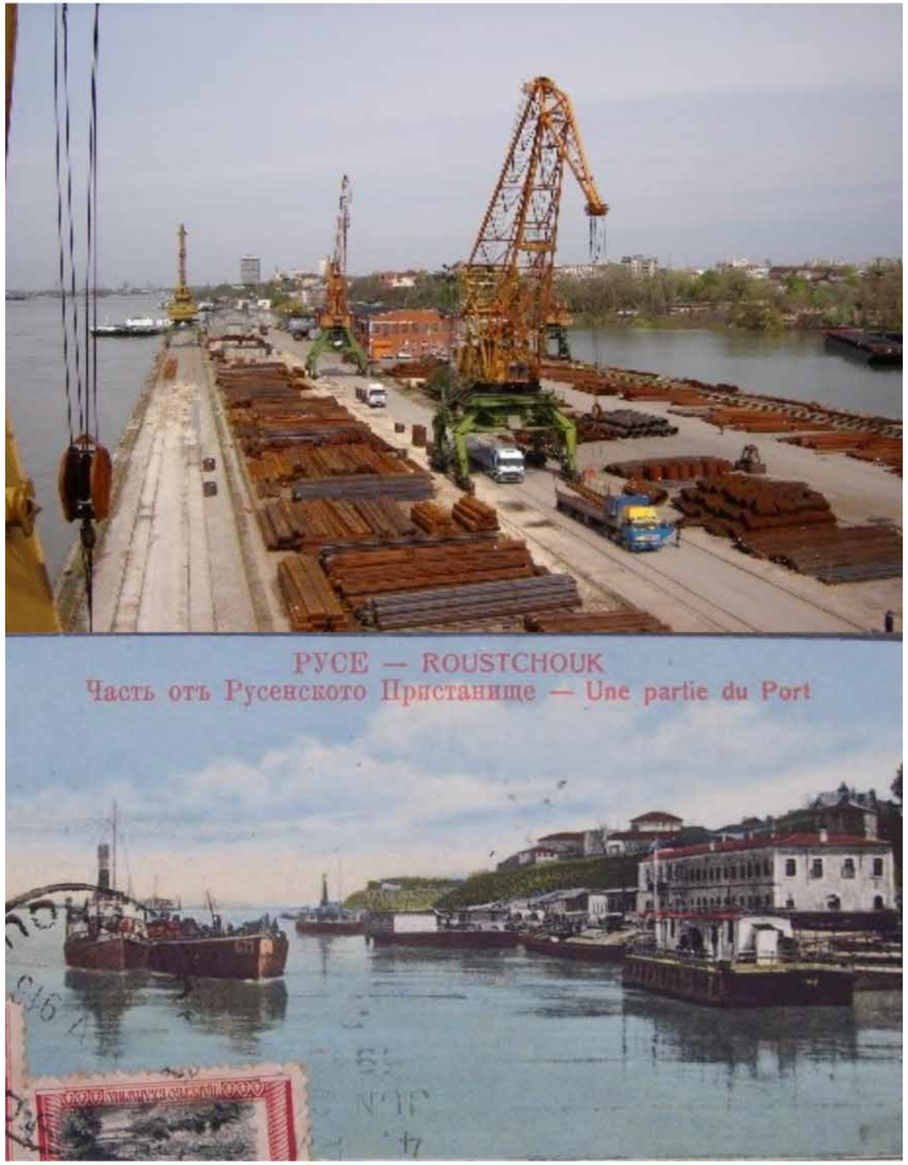
JOURNEY

NETWORK MAP


43° 49′ N, 25° 57′ E
Blejsti
Parcul Natural
Comana
Brussels
1768 km
Draganesti-Vlasca
Giurgiu
Alexandria
Ruse
W
E
Vidin
453,55 km
Bragadira
Vetovo
Svishtov
Opaka
S
12,5km

PLACE FOR THE NIGHT

INDUSTRY


РУСЕ — ROUSTCHOUK
Часть отъ Русенското Пристанище — Une partie du Port

OUTSKIRTS

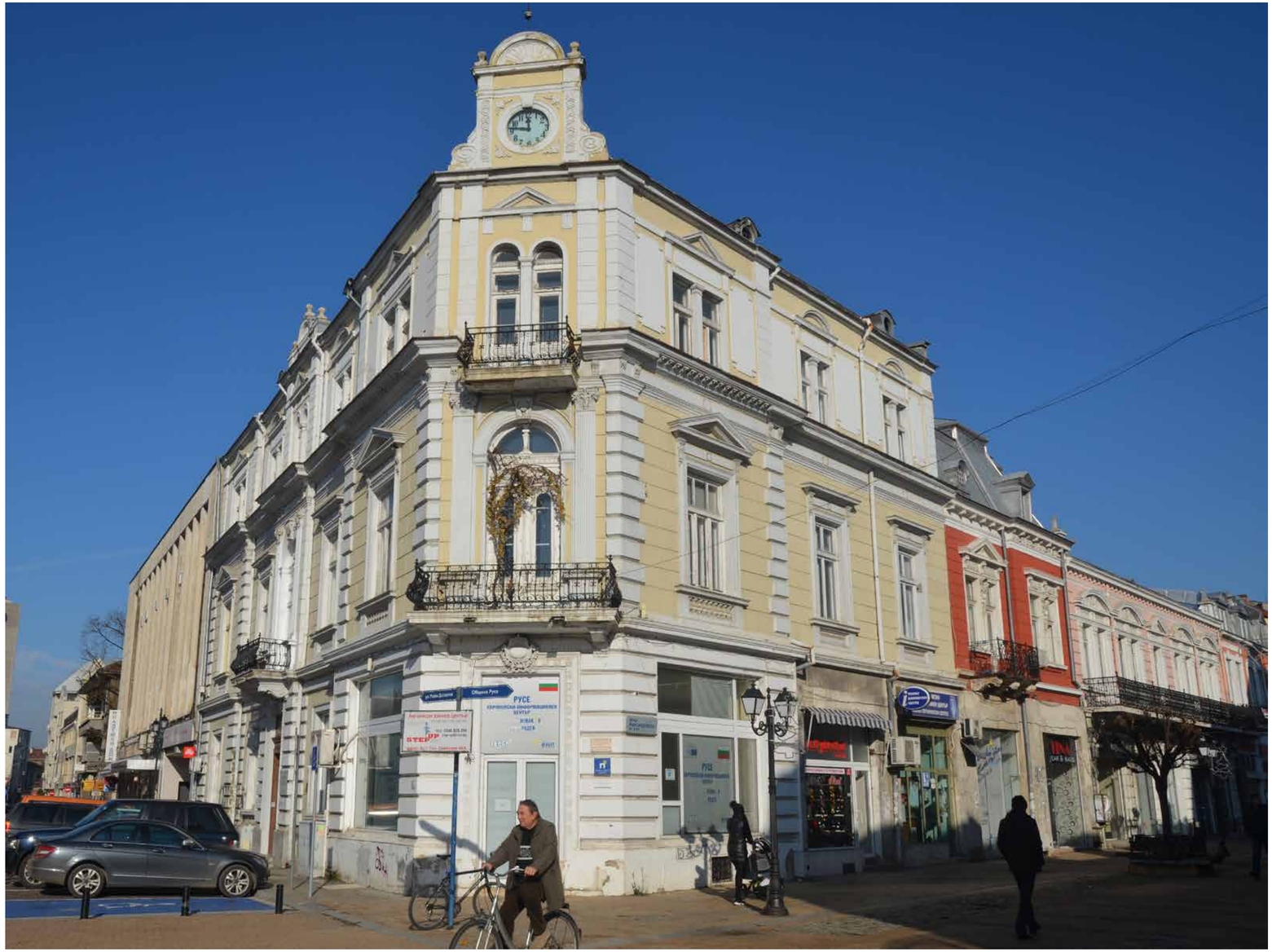
CONCRETE APPARTMENT BLOCKS

DANUV HOTEL

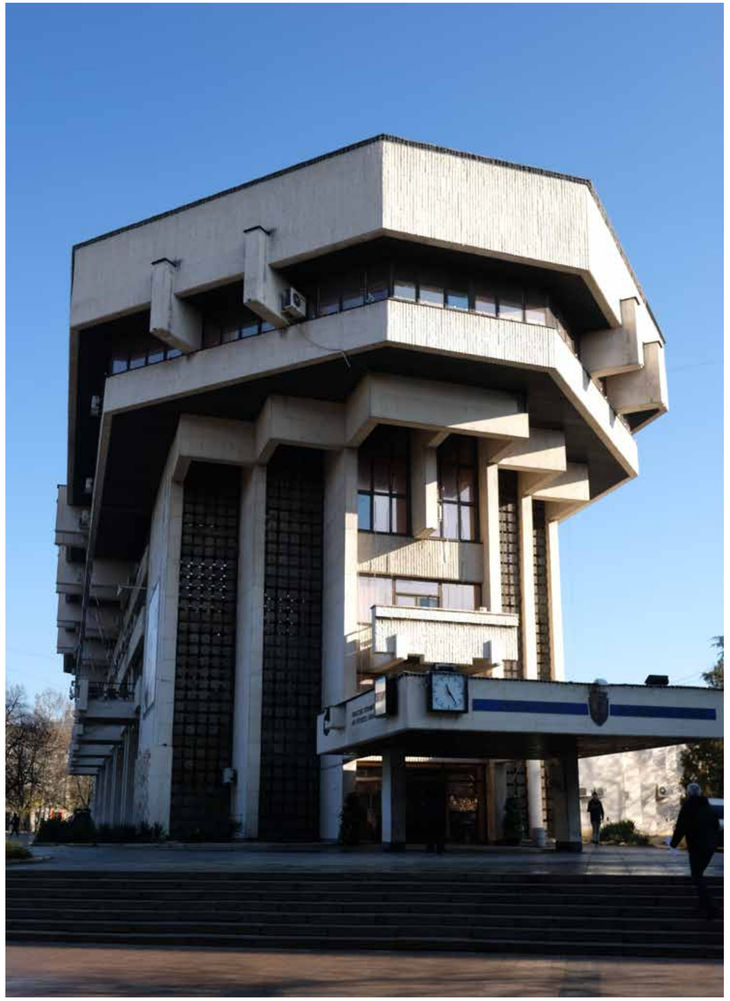
GREEN BELT

CITY CENTRE

“LITLLE VIENNA“



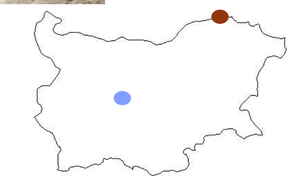
SOVIET ARCHITECTURE



BIRD’S EYE VIEW LOCATION

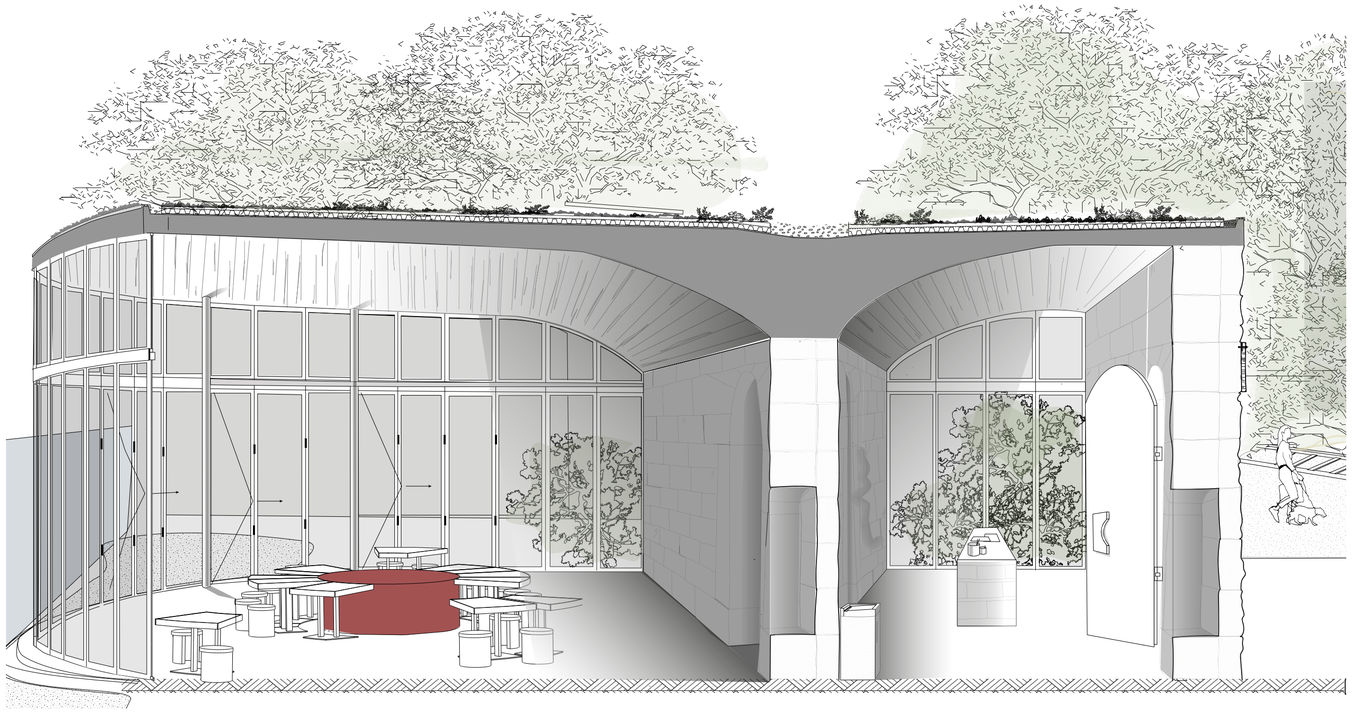
PERSPECTIVE TOPIA PAVILION RUSE

COLOUR AND MATERIAL



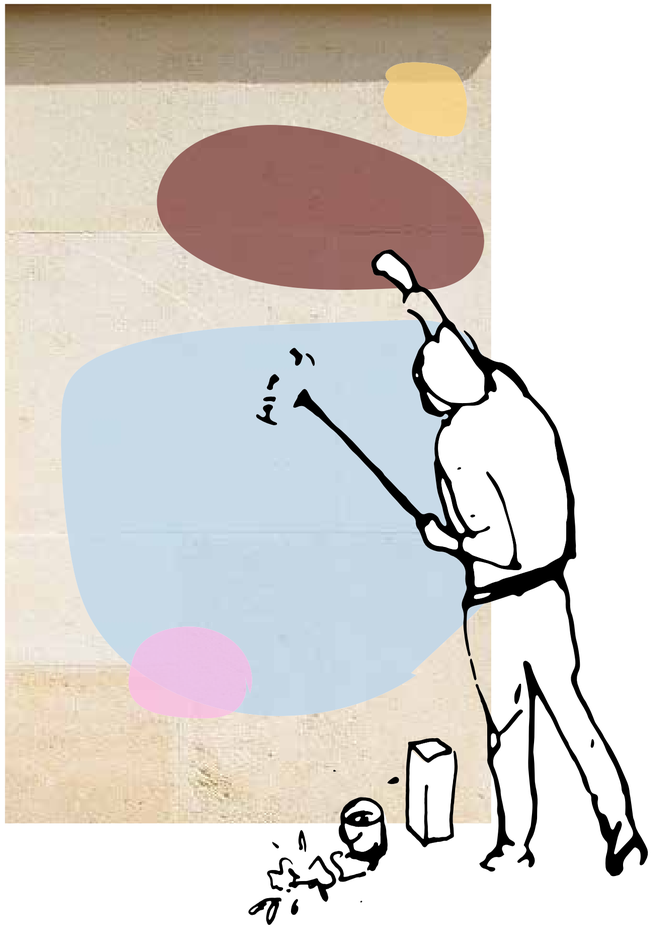
SHAPE AND FLOORPLAN

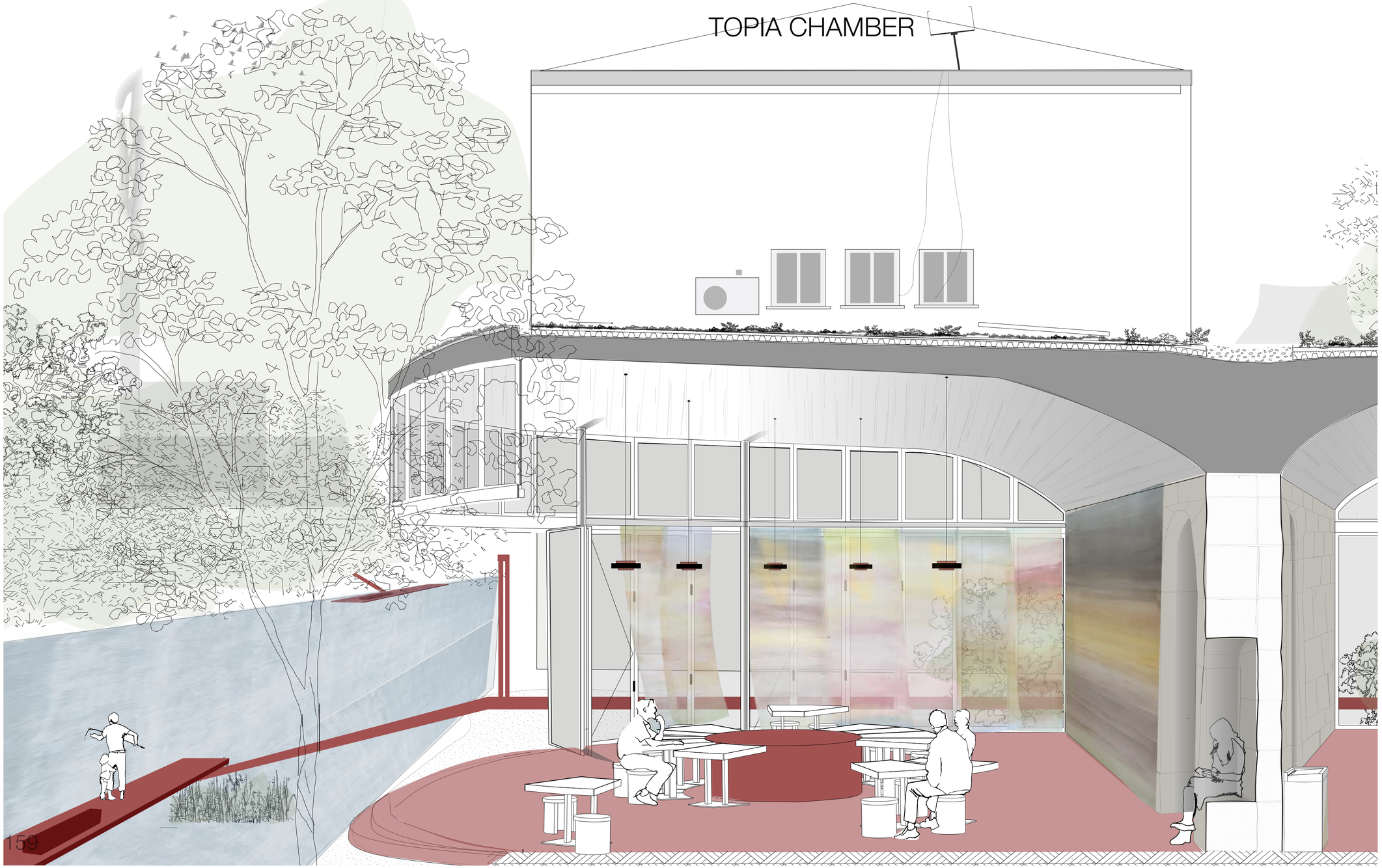
LIGHT



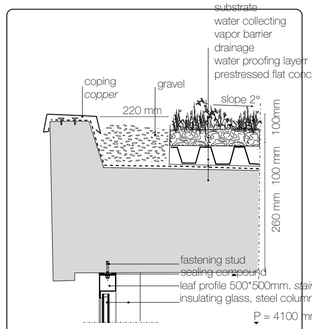
DOOR HANDLE

WORKSHOP

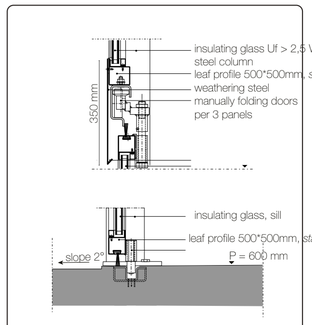



TOPIA CHAMBER

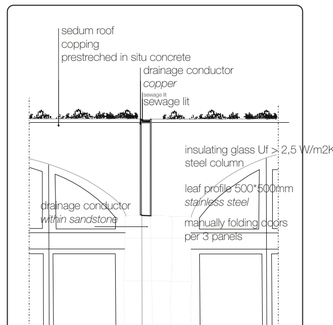
R U S E



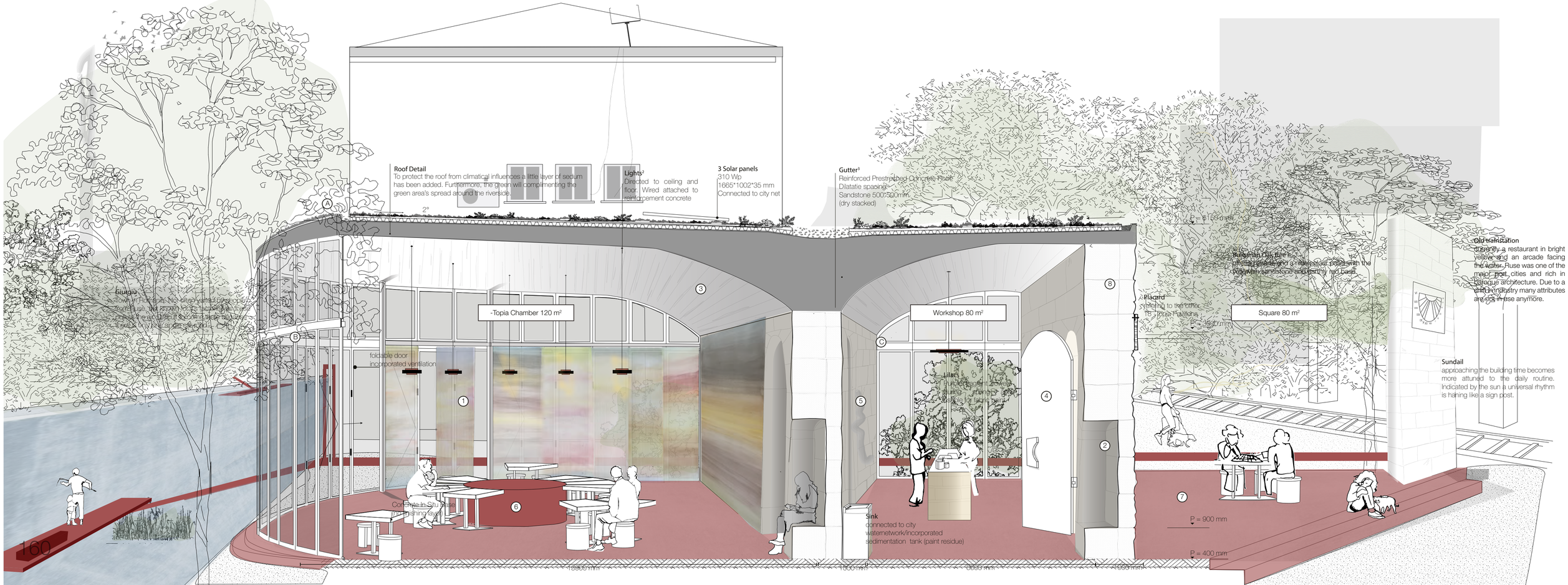
Ⓐ Roof detail 1:10



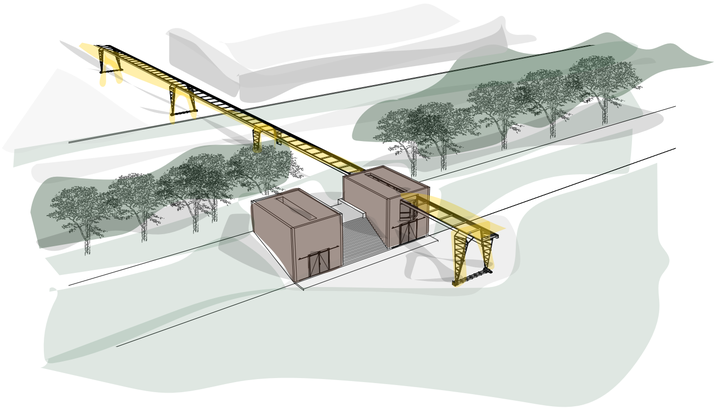
Ⓑ Section details folding doors - opening inwards



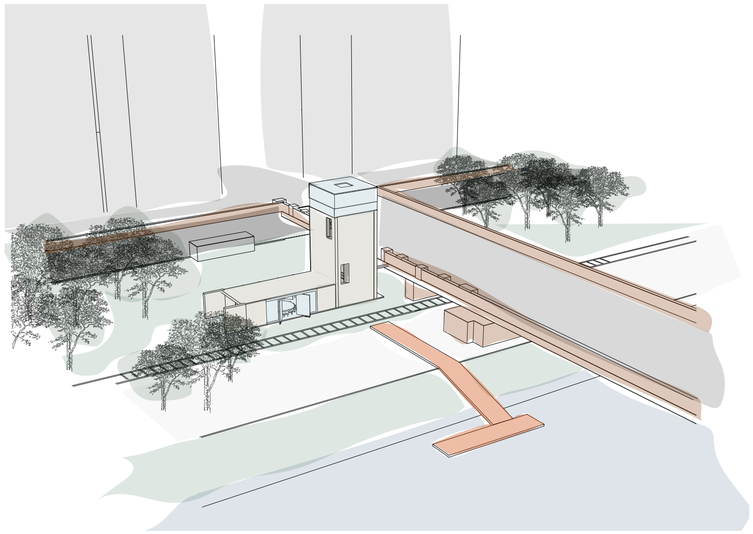
Ⓒ Facade fragment 1:10



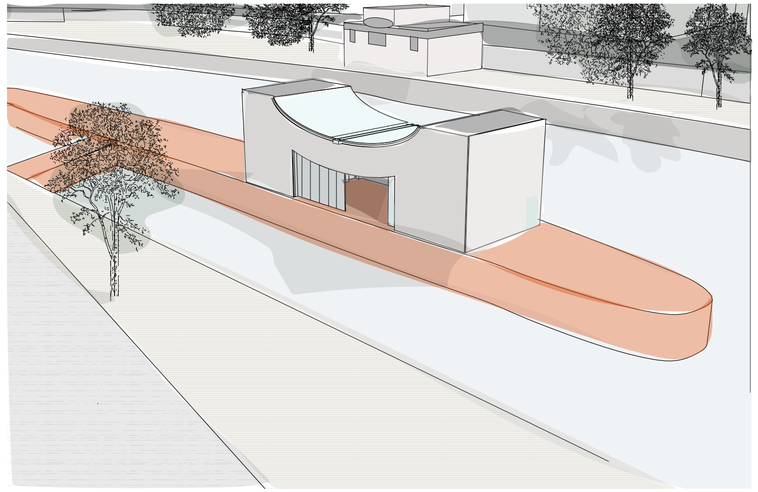
PICK OUR NEXT DESTINATION!



Main designer: Sophie // Cologne



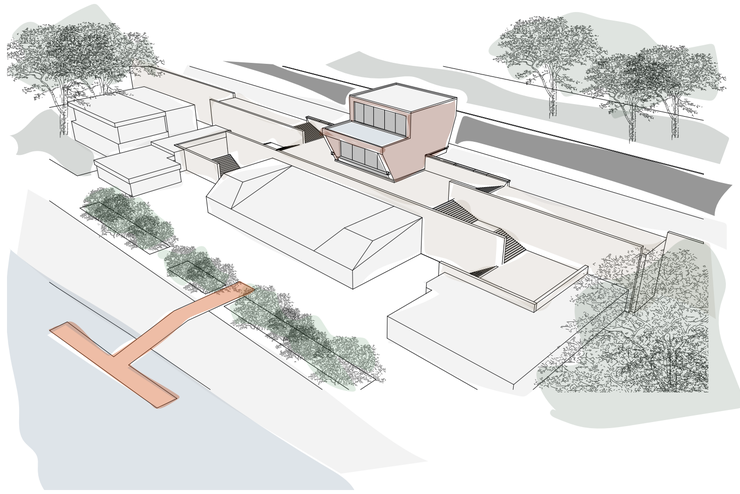
Main designer: Willie // Frankfurt am Main



Main designer: Italo // Vienna

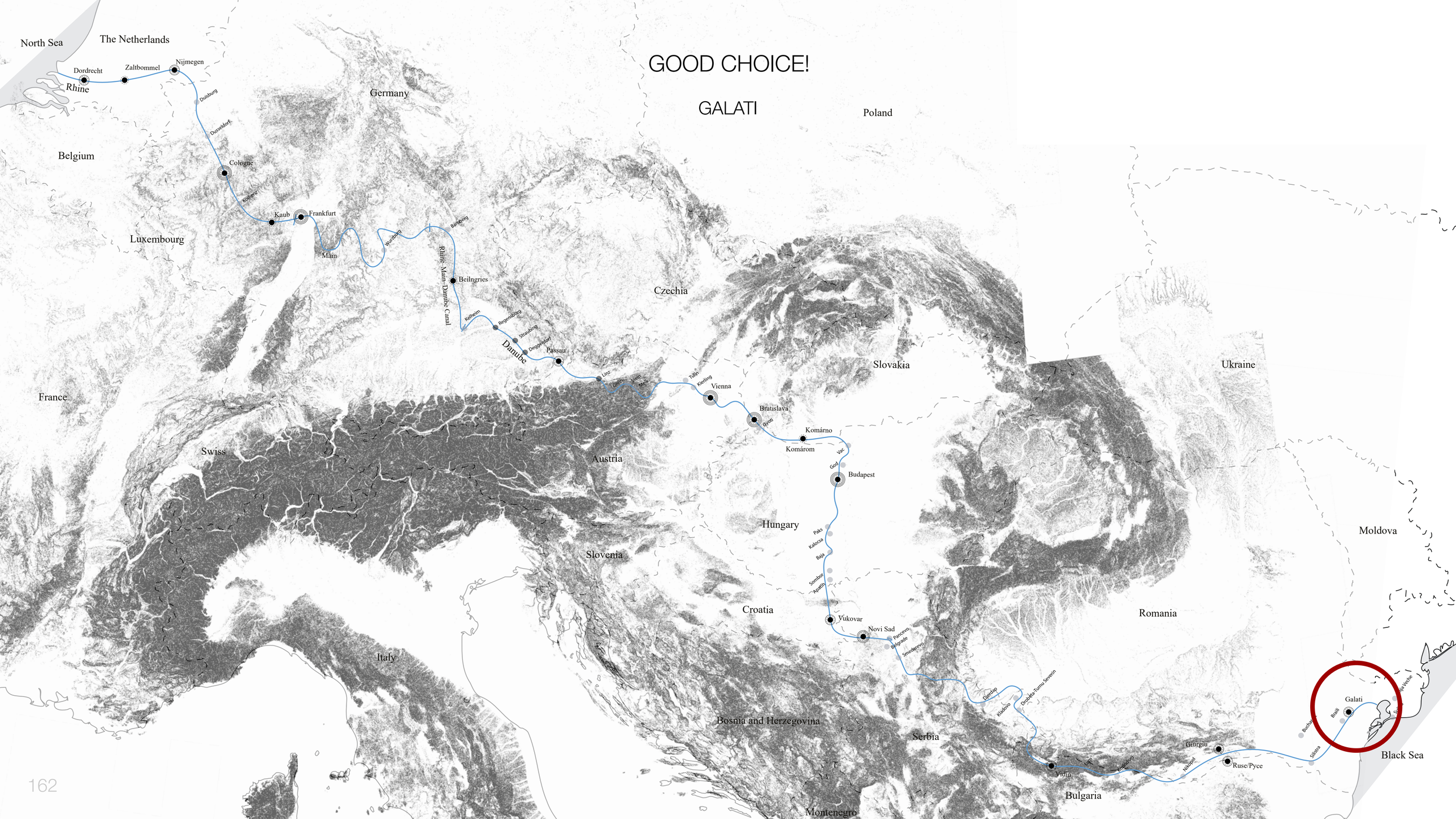
Main designer: Sophie // Budapest

Main designer: Willie // Ruse

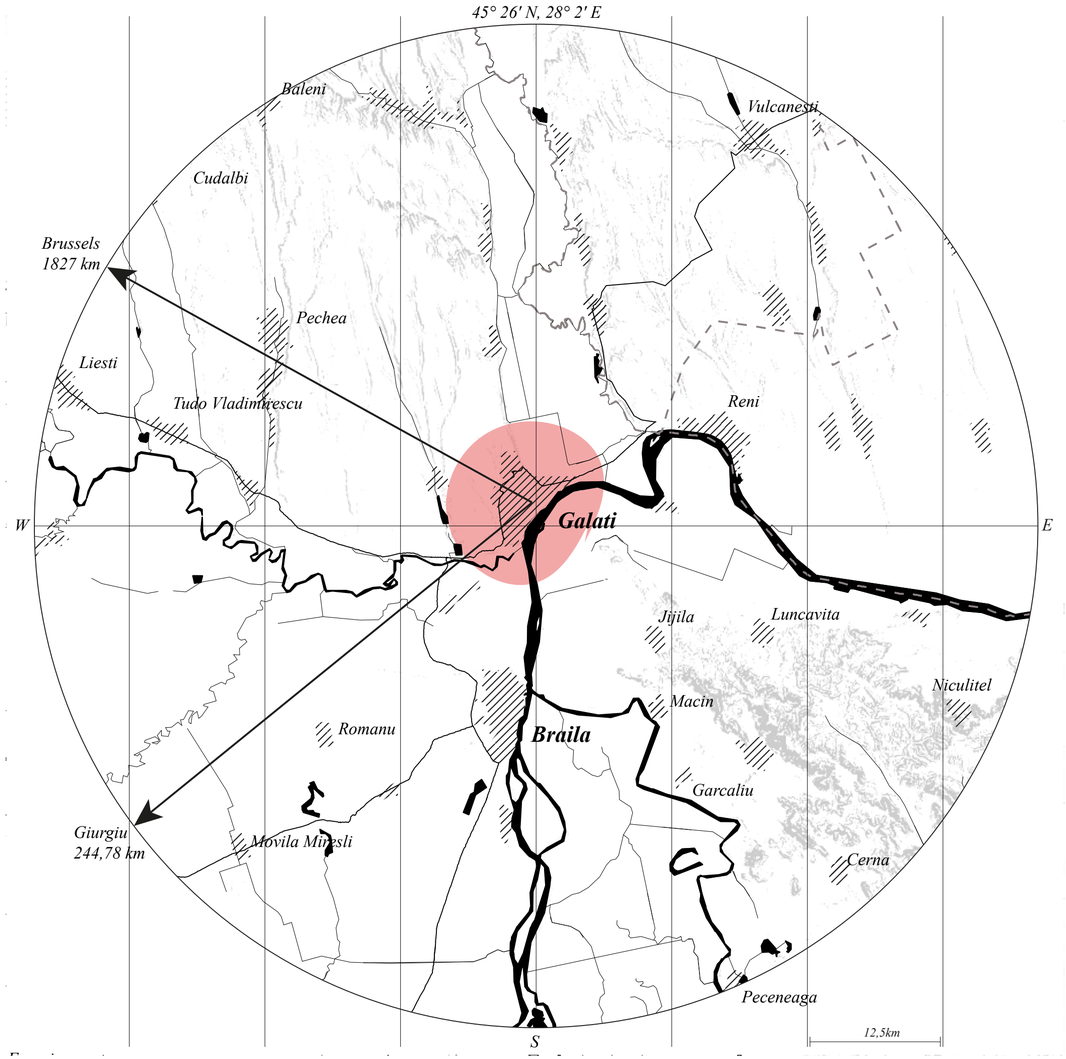


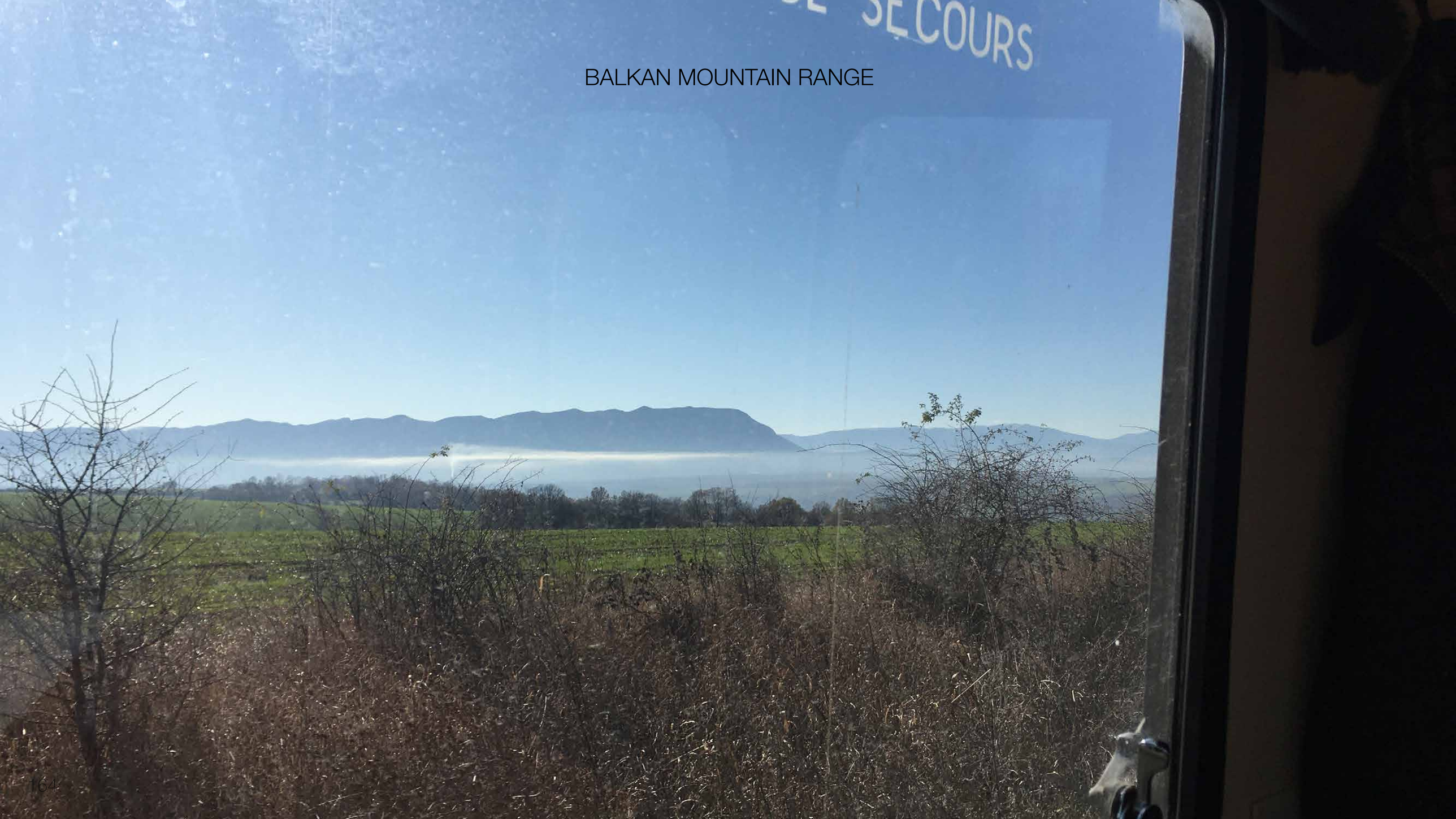
Main designer: Italo // Galati

END


GOOD CHOICE!
GALATI
North Sea
The Netherlands
Dordrecht
Zaltbommel
Nijmegen
Rhine
Duisburg
Dusseldorf
Cologne
Koblenz
Kaub
Frankfurt
Main
Wurzburg
Bamberg
Rhine-Main-Danube Canal
Beilngries
Kelheim
Regensburg
Straubing
Deggendorf
Danube
Passau
Linz
Grein
Ybbs
Melk
Tulln
Klerling
Vienna
Bratislava
Gyoru
Komárno
Komárom
Vac
God
Budapest
Paks
Kalocsa
Baja
Somkor
Apatin
Vukovar
Novi Sad
Pancevo
Belgrade
Smederevo
Djerdap
Kladovo
Drobeta-Turnu Severin
Vidin
Lom
Kozloduy
Nikopol
Giurgiu
Ruse/Pyce
Silistra
Braila
Galati
Sulina
Sfantu Gheorghe
Buchon
Black Sea
Germany
Poland
Belgium
Luxembourg
Czechia
Slovakia
Ukraine
France
Swiss
Austria
Hungary
Moldova
Slovenia
Croatia
Romania
Italy
Bosnia and Herzegovina
Serbia
Bulgaria
Montenegro

NETWORK MAP


45° 26′ N, 28° 2′ E
Baleni
Vulcanesti
Cudalbi
Brussels
1827 km
Pechea
Liesti
Tudo Vladimirescu
Reni
W
Galati
E
Jijila
Luncavita
Niculitel
Macin
Romanu
Braila
Garcaliu
Giurgiu
244,78 km
Movila Miresli
Cerna
Peceneaga
S
12,5km



BALKAN MOUNTAIN RANGE

OUTSKIRTS GALATI

INTERVIEW LILIANA STOICA

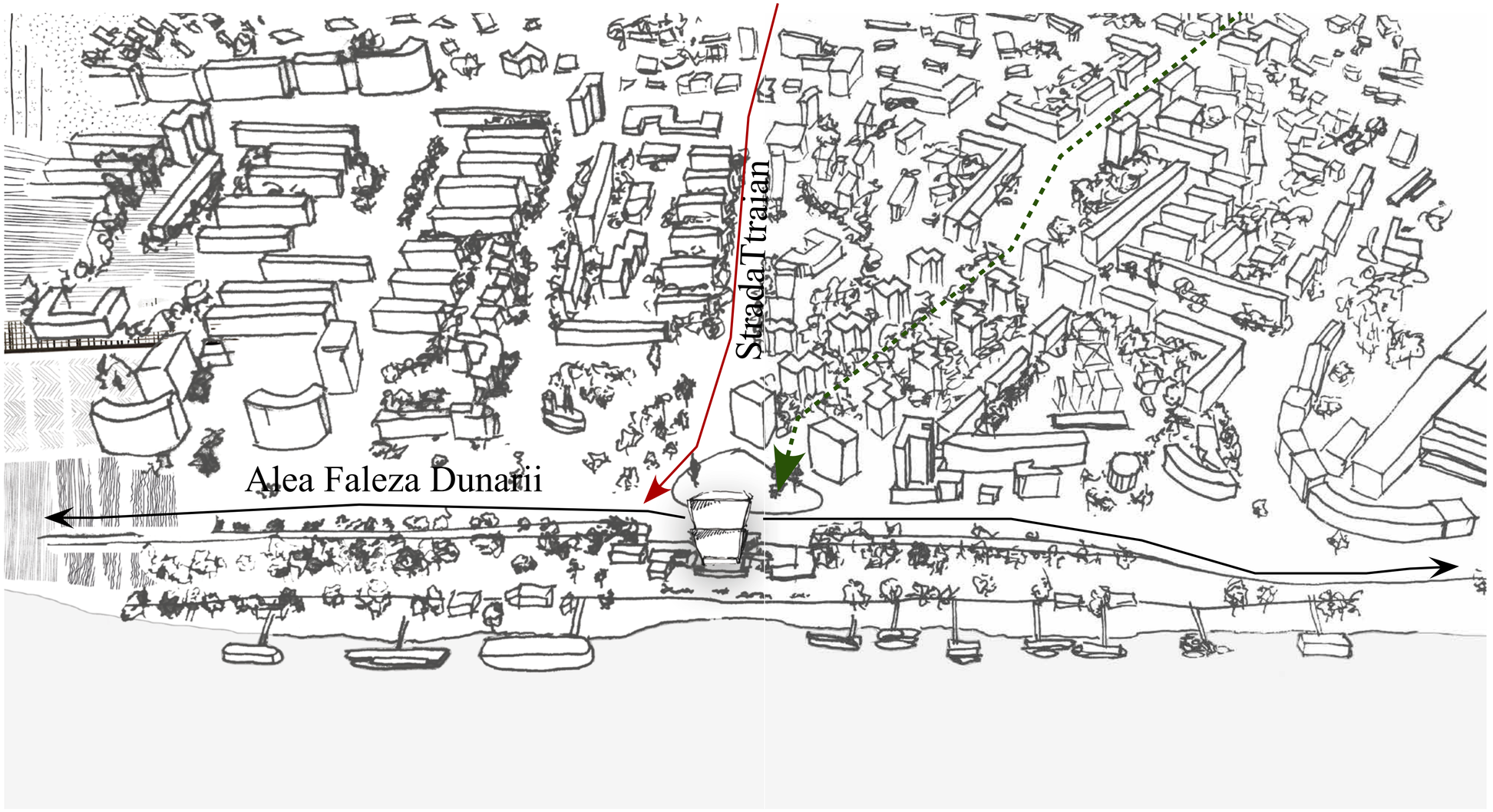
CAMPING AT THE CAR DUMP

MORPHOLOGY MAP

NO CENTRE

LA BANCUTE

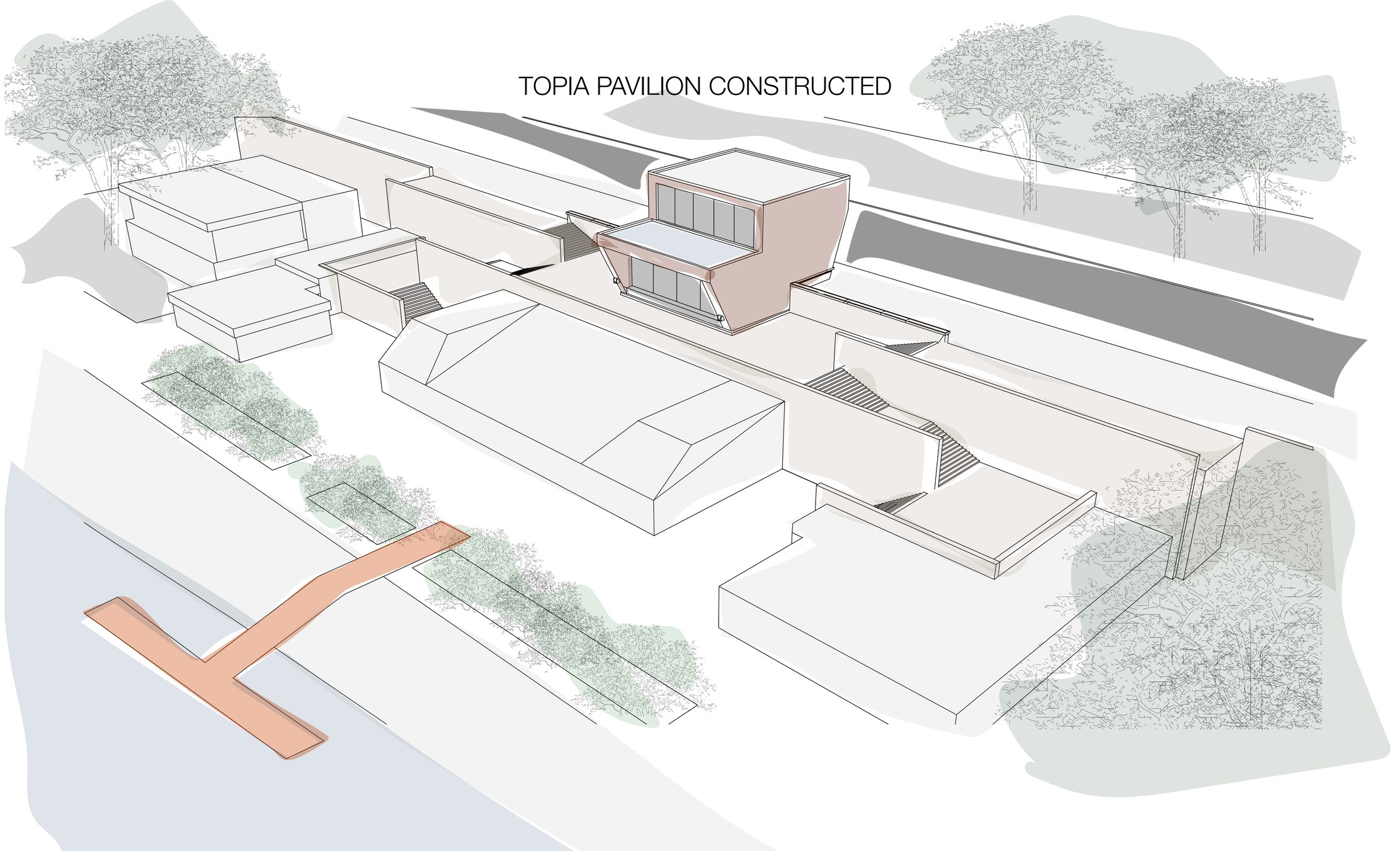
BIRD’S EYE VIEW LOCATION



ALEA FALEZA DUNARII

STEEL SCULPTURES

TOPIA PAVILION CONSTRUCTED

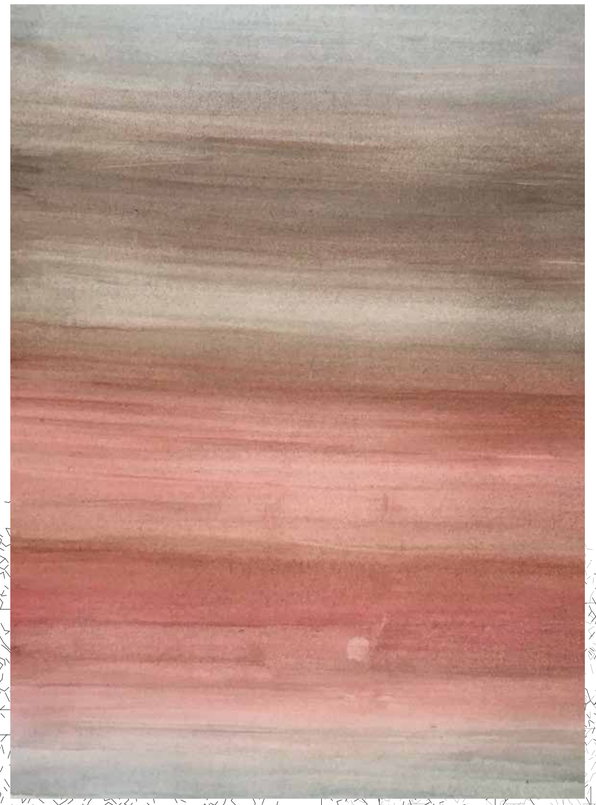


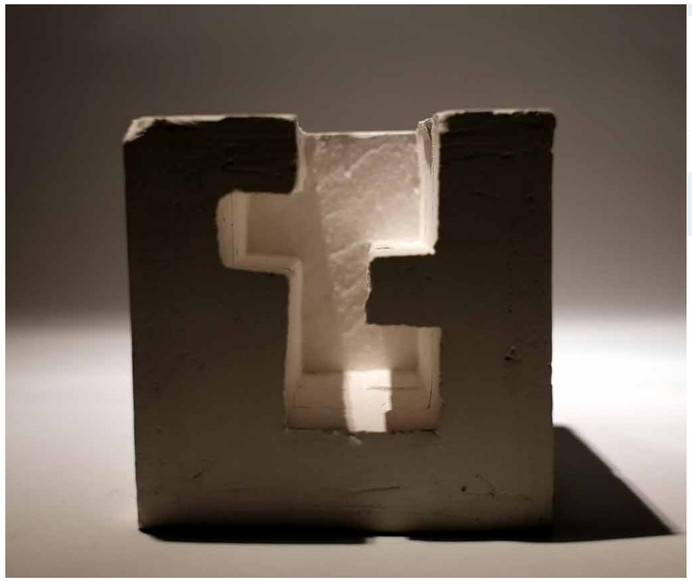
FACADES SAMPLES

Atlas: page 216

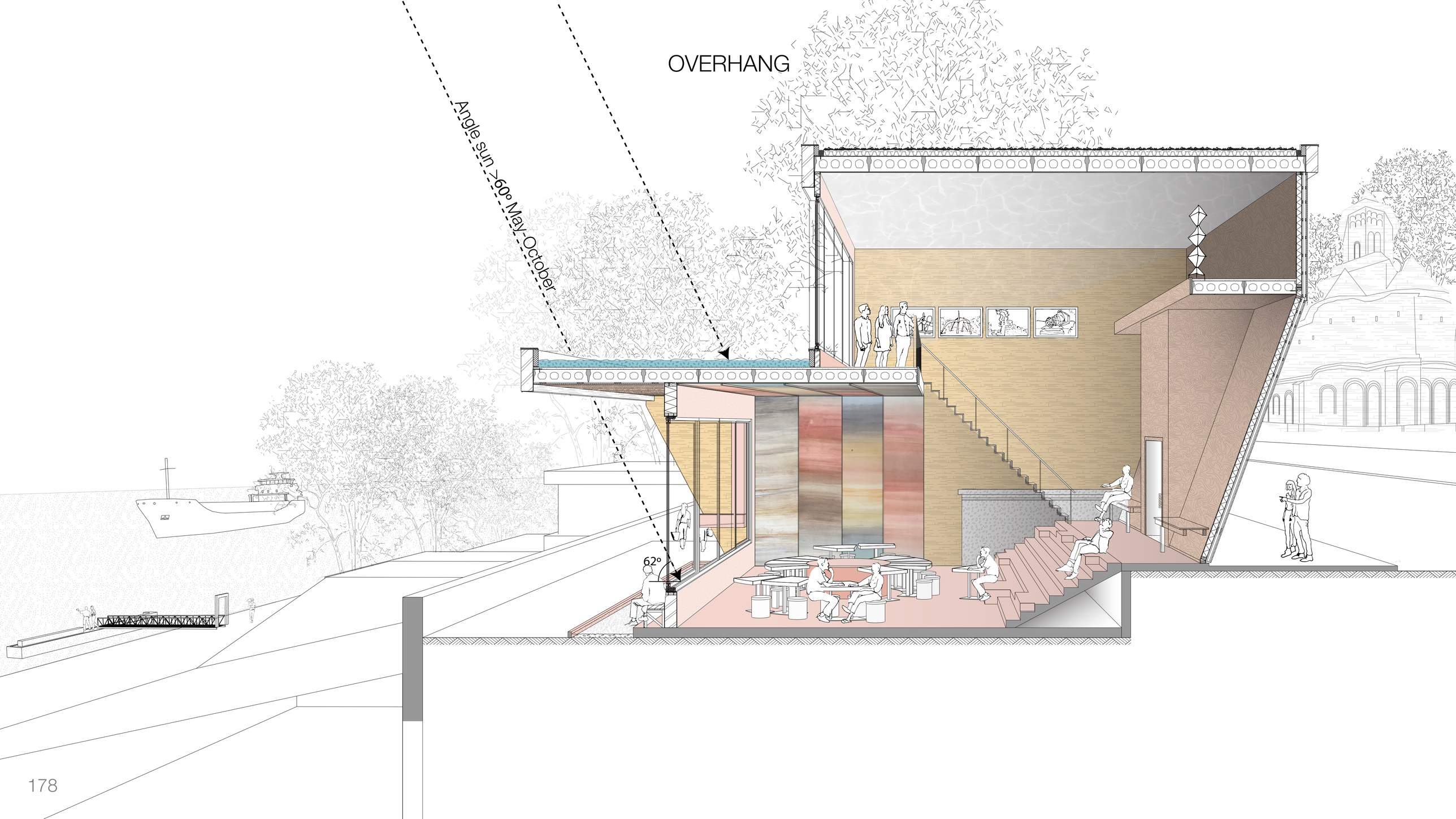
BISERICA FORTIFICATA SFÂNTA PRECISTA, 1647

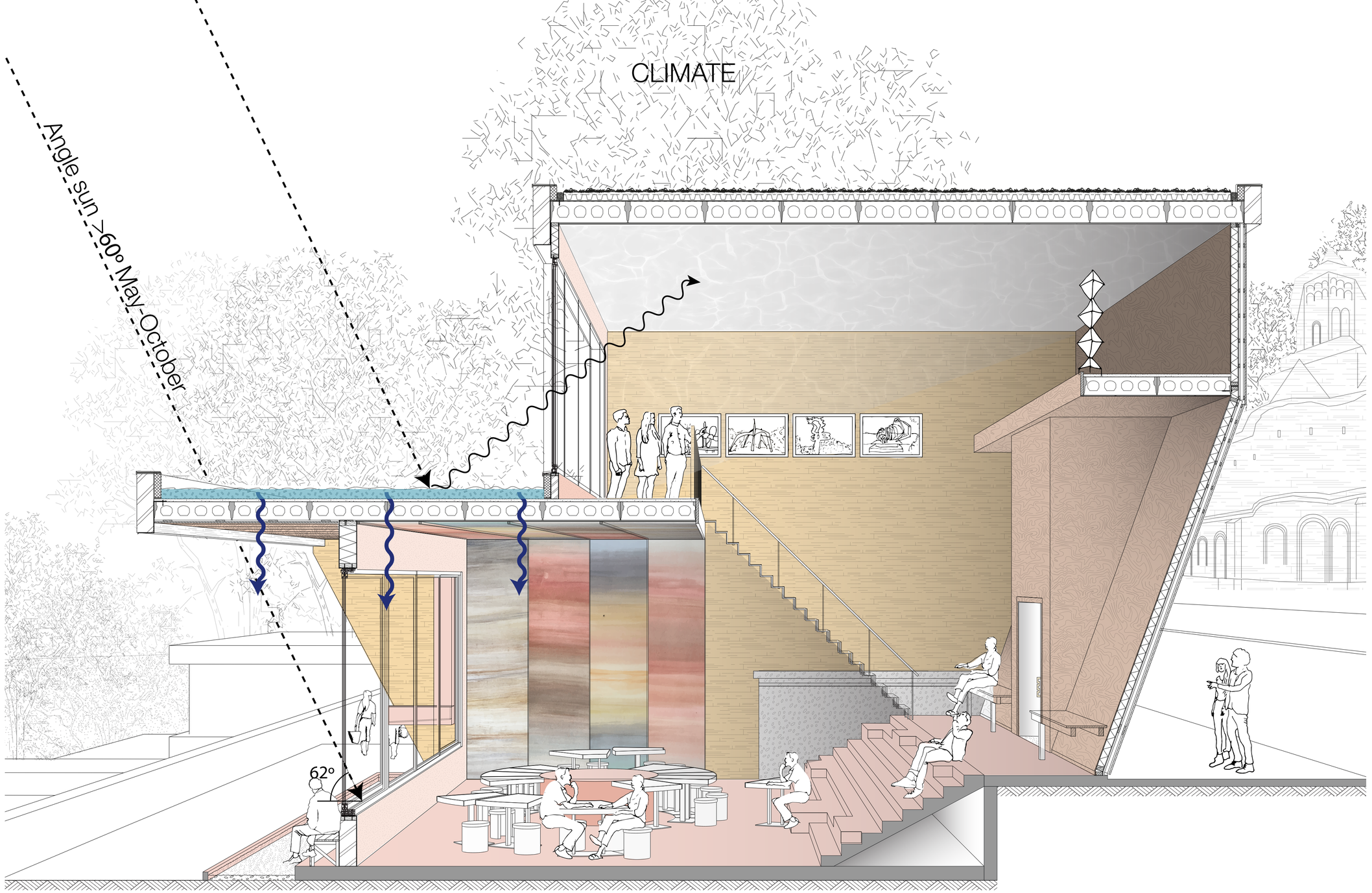
LAYERS IN THE FACADE

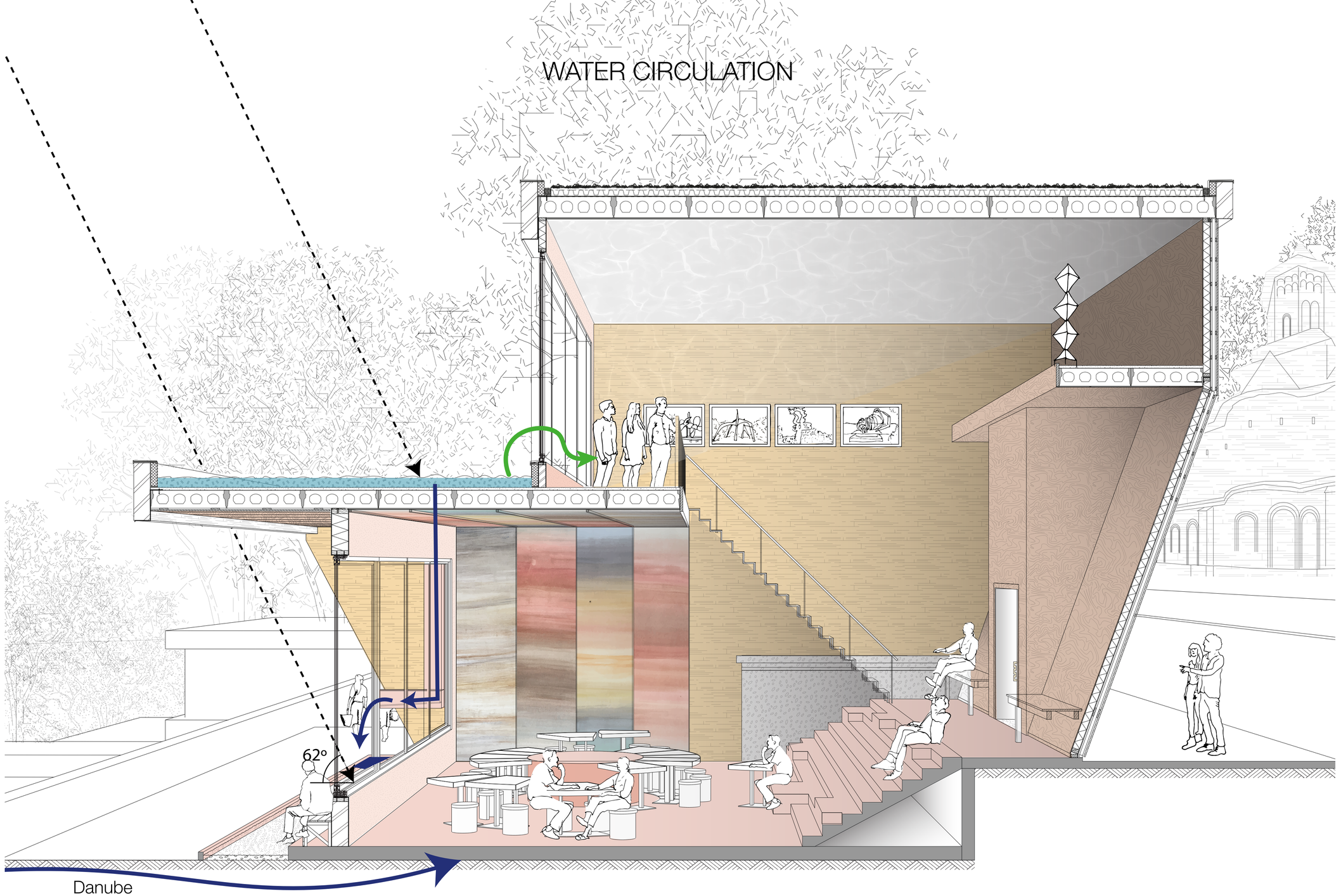




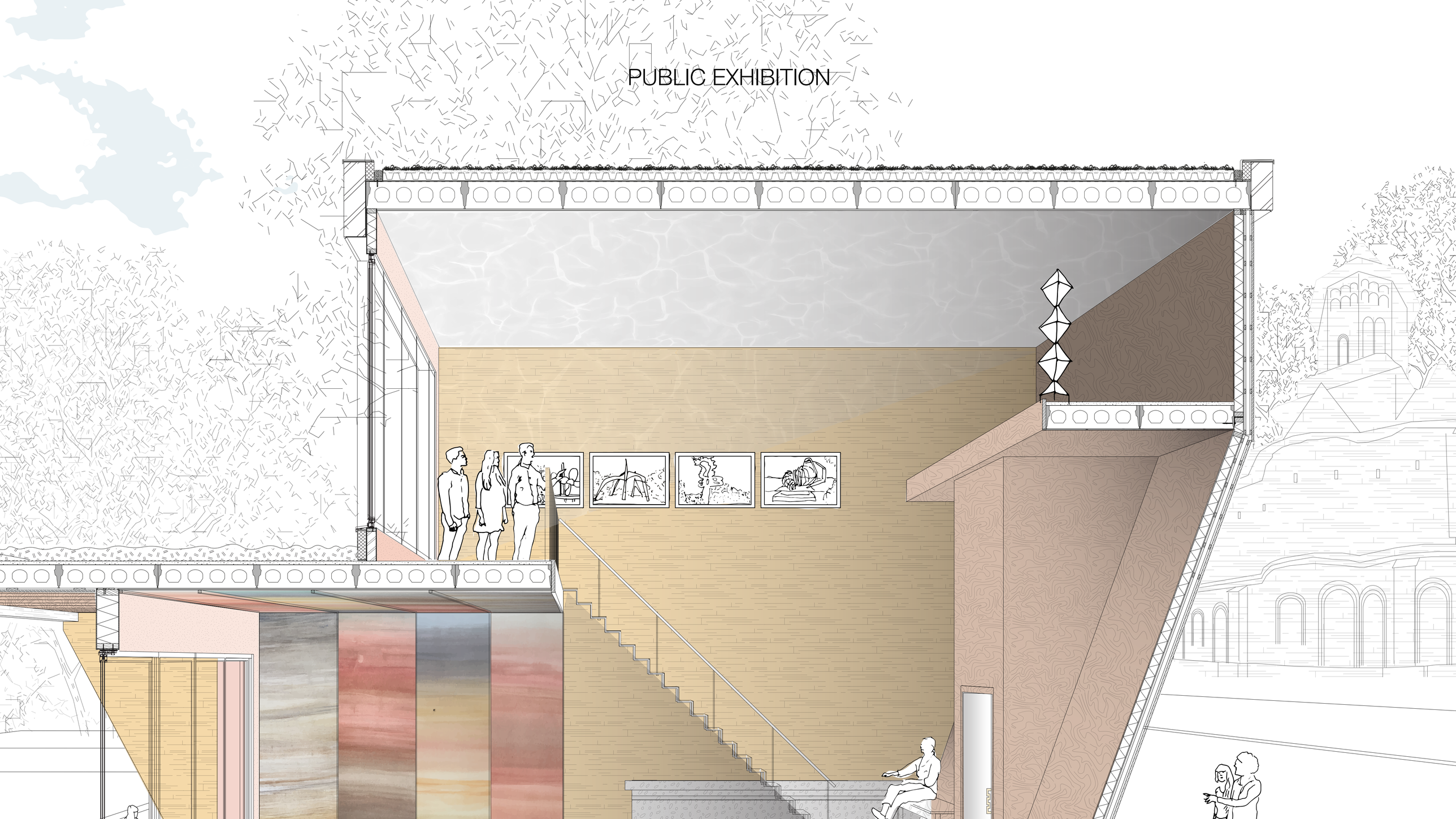
ATMOSPHERE


OVERHANG
Angle sun >60° May-October
62°

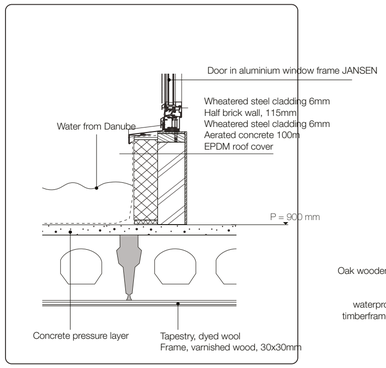

CLIMATE
Angle sun ≥60° May-October
62°


WATER CIRCULATION
62°
Danube

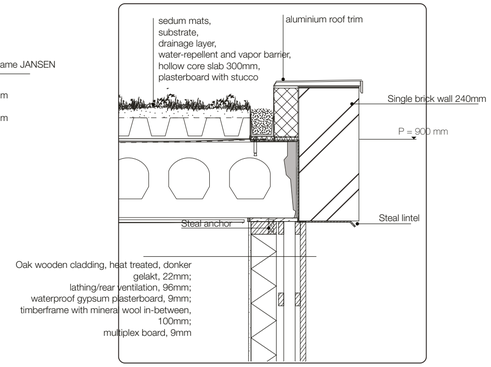
PUBLIC EXHIBITION



G A L A T I



A **Vertical facade detail 1:10**



B **Vertical facade detail 1:10**

1 **Tapestry**
The tapestry on the walls is made from dyed woold. The sounds of the people will muffle due to the fabrics that surround them. Fabrics that some will recognize and other just appreciate due to its colourful appearance, colours that not only reflect the direct surroundings, but the landscapes of a bigger whole.

2 **Parapet**
The pavilion is an extension of an existing staircase that leads to the Danube. To make this idea concrete the walls of the pavilion are build on top of the parapet of the former staircase.

3 **Waterbassin**
The function of this basin is bifold. It cools down the floor underneath and creates a pleasing projection of the waves on the ceiling in the pavilion. The water that flows trough the bassin is pumped up straight from the Danube. Alert: this water can be smelly in summer.

4 **Public bench**
This bench is a prime spot to watch over the Danube river and one is even being protected against the heatst of the sunt On both ends of the bench there is the water drainage of the waterbassin. This creates a calming noise. When the sliding doors are opened people can more easily join inside for a conversation eg.

5 **Doorhandle**
The shape of this copper doorhandle is inspired by the ornaments seen on the facades of the old buildings. The shape beholds something of an ancient language.

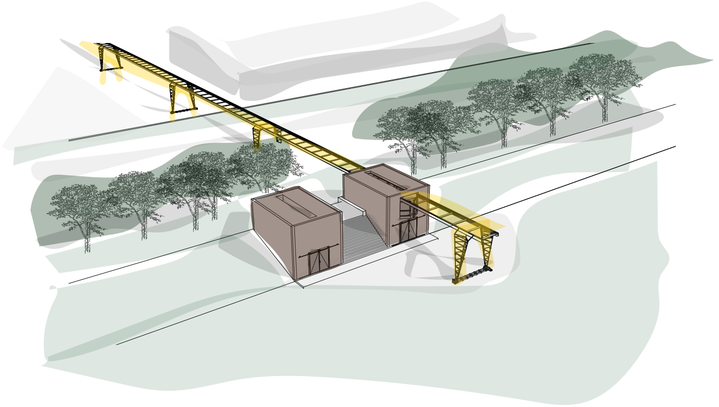
6 **Table**
The core of the table is made in solid concrete. It is poured together with the foundation of the pavilion. Traces can be found in the concrete from when the place was not covered yet. Because the core of the table is so solid, it challenges people to use it in various ways. The outer leaves of the table can be moved accordingly so that one can also have the possibility to sit alone or create a bigger meeting.

7 **Foundation**
Quiet some time before the pavilion is constructed the foundation will be poured. As such, it can already be used as a place. By adding a red pigment, the foundation becomes clearly visible in the public sphere.

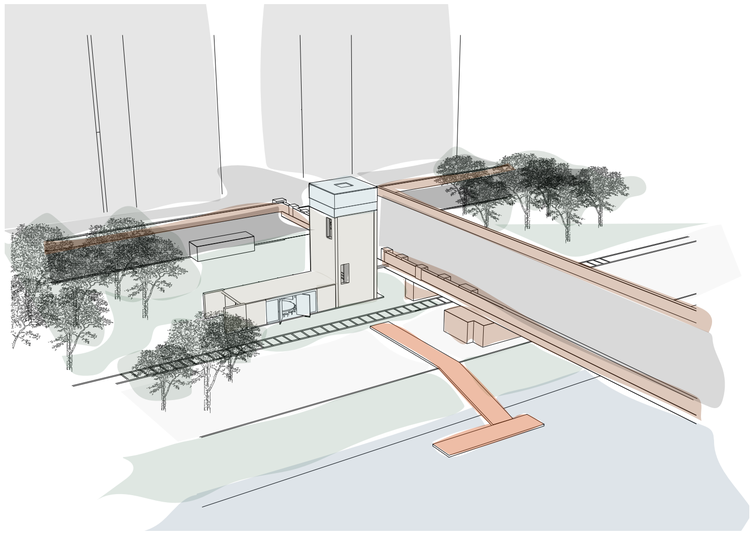
8 **Brick wall**
The loadbearing walls are made solely in brick. The wall has a thickness of 240mm, which is the length of a typical Romanian brick. However to express the layeredness of the place, and make the wall look more vivid, the ordinary brick should be alternated with recycled bricks or other left-over stones. In addition a white mortar is used.

PUBLIC EXHIBITION // GATHERING

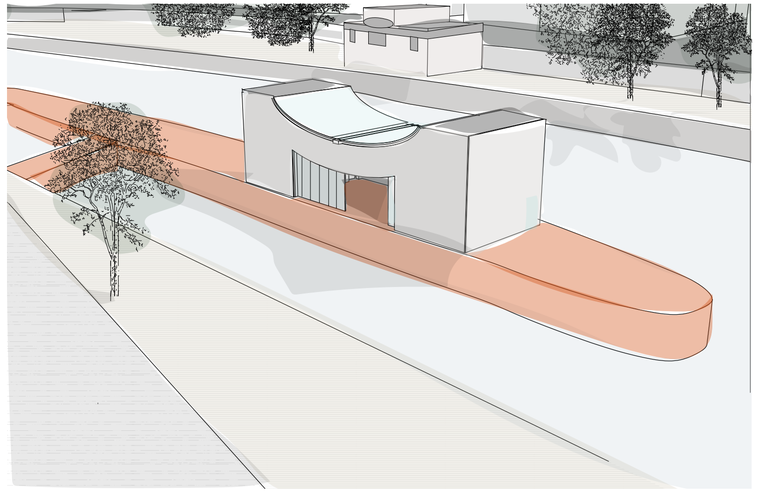
PICK OUR NEXT DESTINATION!



Main designer: Sophie // Cologne



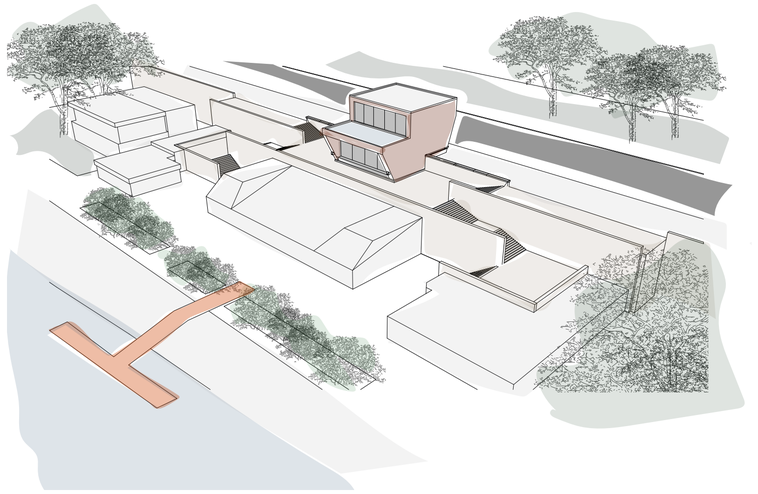
Main designer: Willie // Frankfurt am Main



Main designer: Italo // Vienna

Main designer: Sophie // Budapest

Main designer: Willie // Ruse



Main designer: Italo // Galati

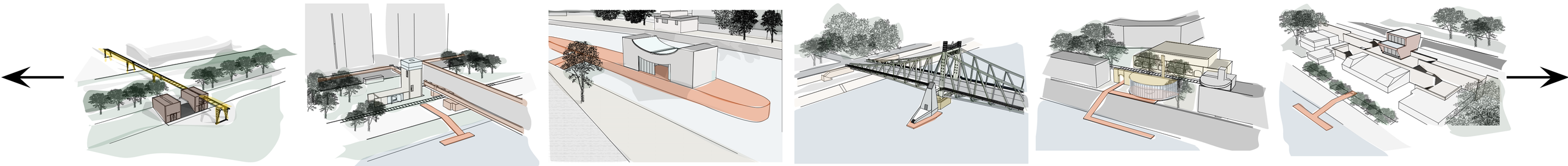
Architect as explorer

Architect as organiser

Architect as builder of engaging constructions

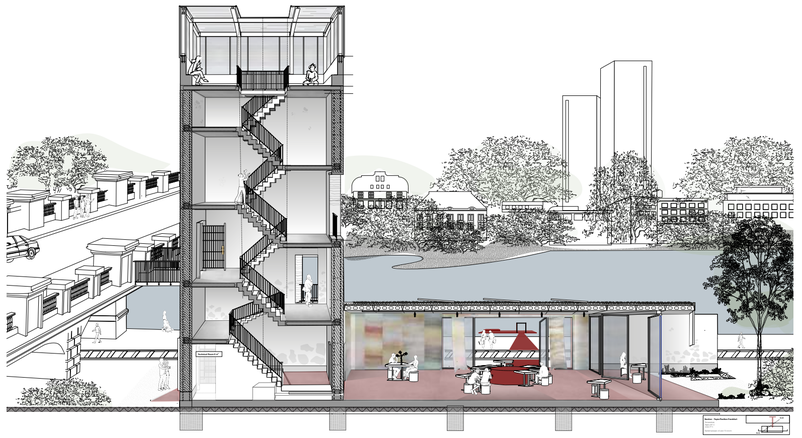
ROOTS

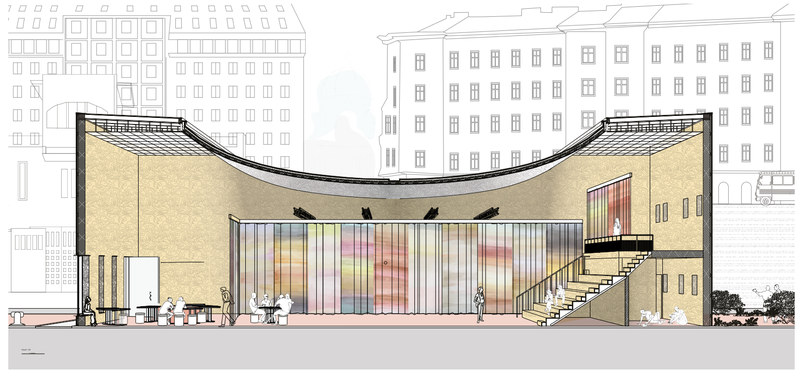
LOCAL SCALE

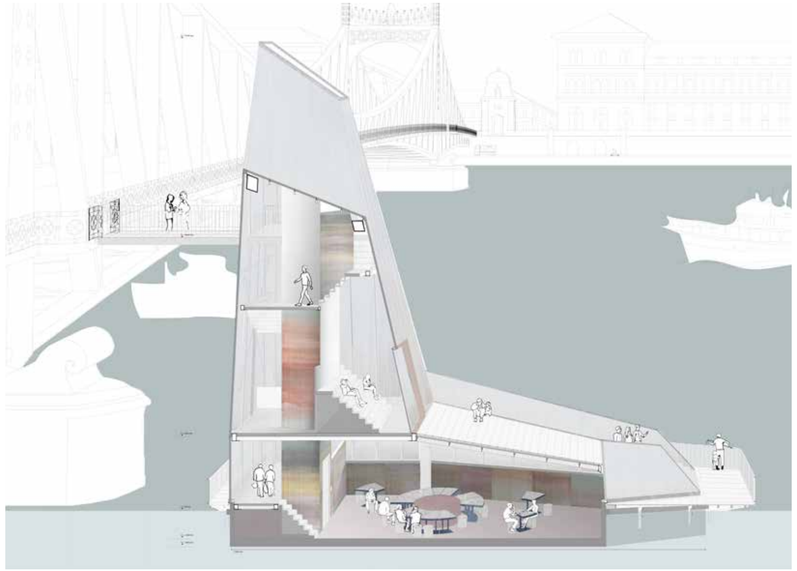


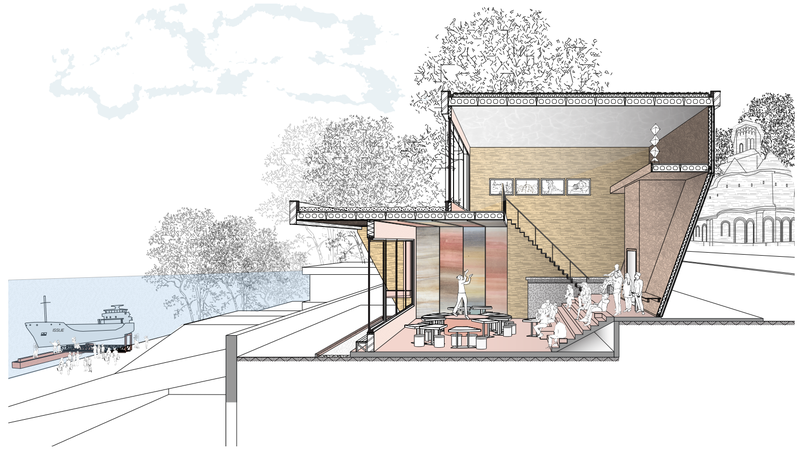
ROOTS

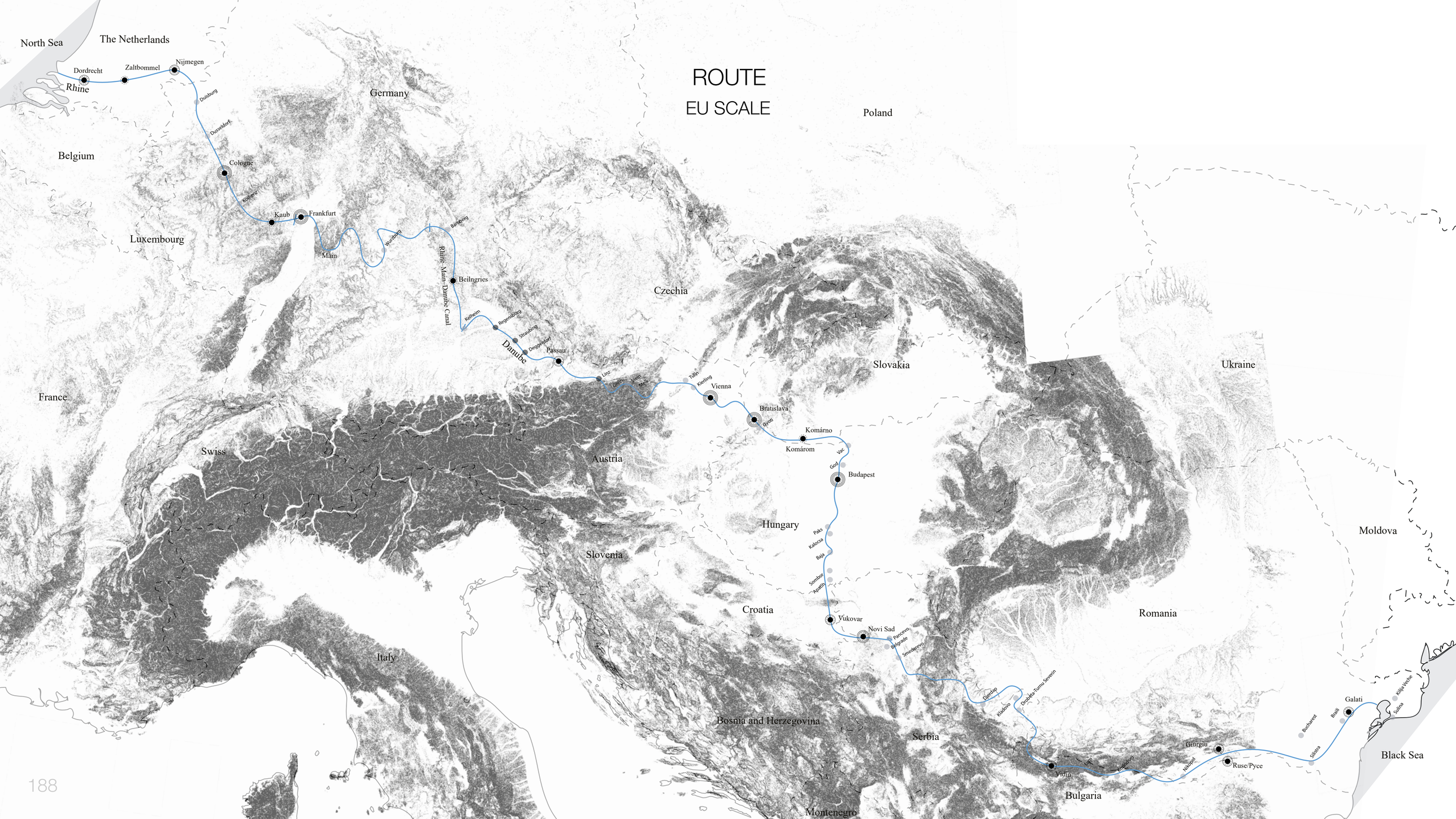
EU SCALE



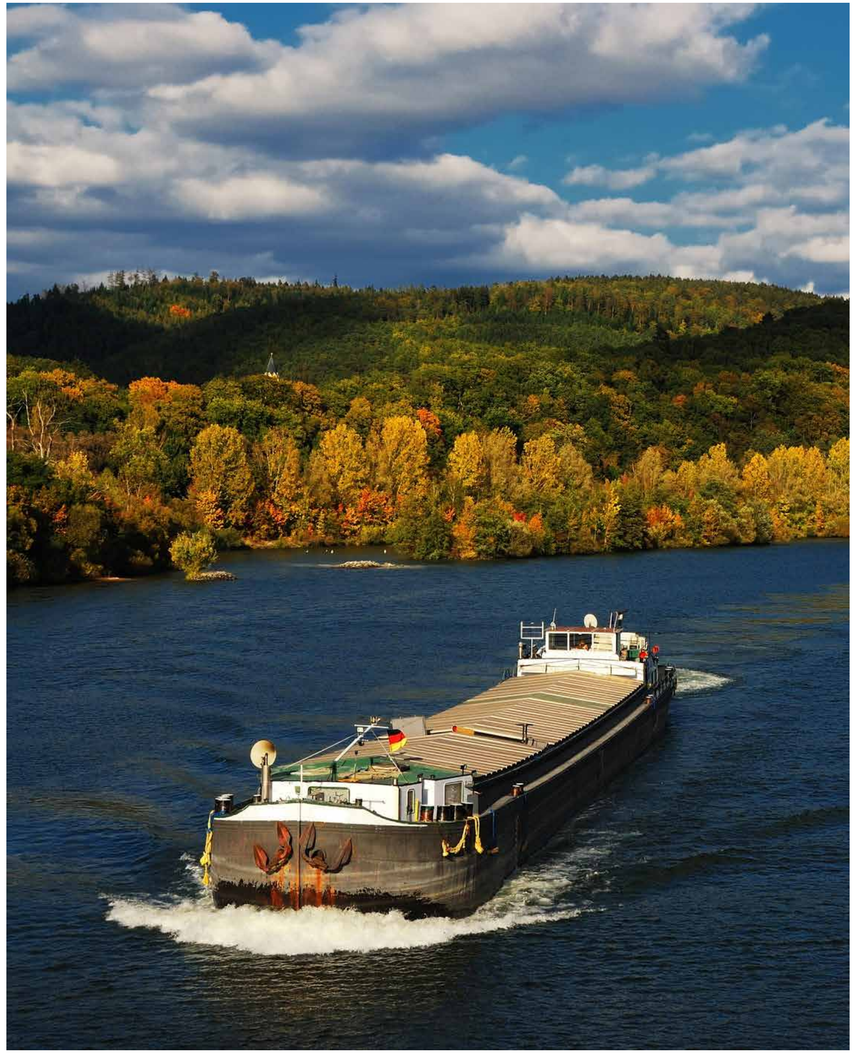






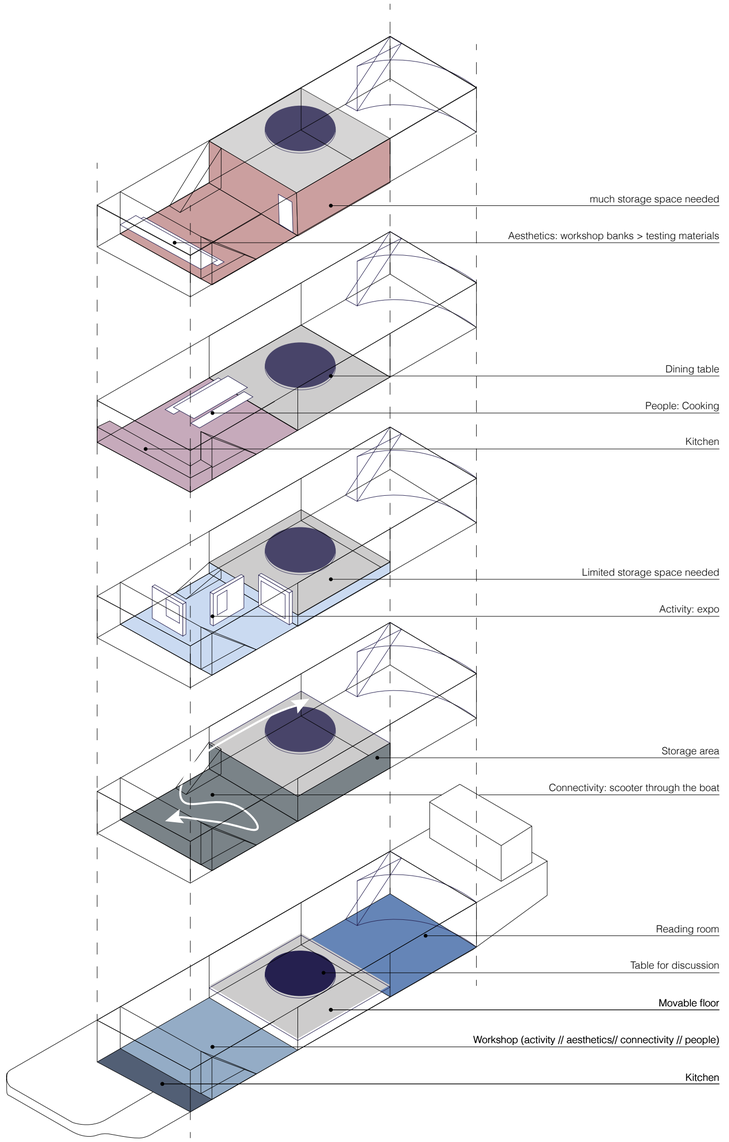

ROUTE
EU SCALE
North Sea
The Netherlands
Dordrecht
Zaltbommel
Nijmegen
Rhine
Duisburg
Dusseldorf
Cologne
Koblenz
Kaub
Frankfurt
Main
Wurzburg
Bamberg
Rhine-Main-Danube Canal
Beilngries
Kelheim
Regensburg
Straubing
Deggendorf
Passau
Danube
Linz
Grein
Ybbs
Melk
Tulln
Klerling
Vienna
Bratislava
Gyou
Komárno
Komárom
Vac
God
Budapest
Paks
Kalocsa
Baja
Somkor
Apatin
Vukovar
Novi Sad
Pancevo
Belgrade
Smederevo
Djerdap
Kladovo
Drobeta-Turnu Severin
Vidin
Lom
Kozloduy
Nikopol
Giurgiu
Ruse/Pyce
Silistra
Braila
Galati
Bucharest
Kilija Veche
Sulina
Black Sea
Germany
Poland
Belgium
Luxembourg
Czechia
Slovakia
Ukraine
France
Swiss
Austria
Hungary
Moldova
Slovenia
Croatia
Romania
Italy
Bosnia and Herzegovina
Serbia
Bulgaria
Montenegro

THE SHIP



source: http://stockcargo.eu/waterways-barge-transport/

ON BOARD


much storage space needed
Aesthetics: workshop banks > testing materials
Dining table
People: Cooking
Kitchen
Limited storage space needed
Activity: expo
Storage area
Connectivity: scooter through the boat
Reading room
Table for discussion
Movable floor
Workshop (activity // aesthetics// connectivity // people)
Kitchen

Architect as explorer

Architect as organizer

Architect as builder of
engaging constructions

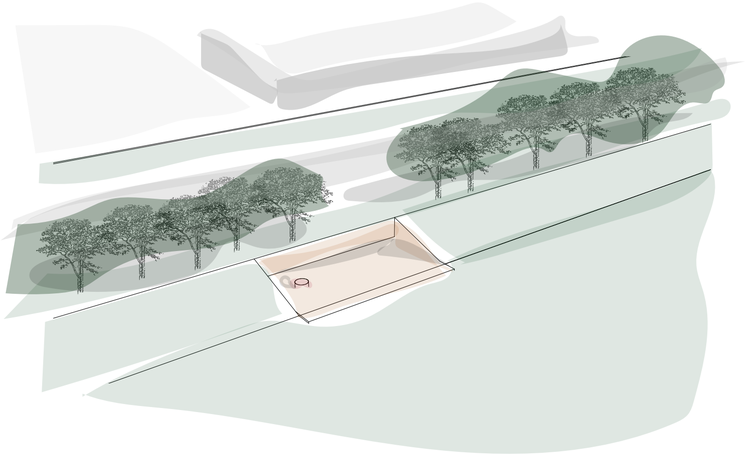
VIDEO

THANK YOU!

BACK UP

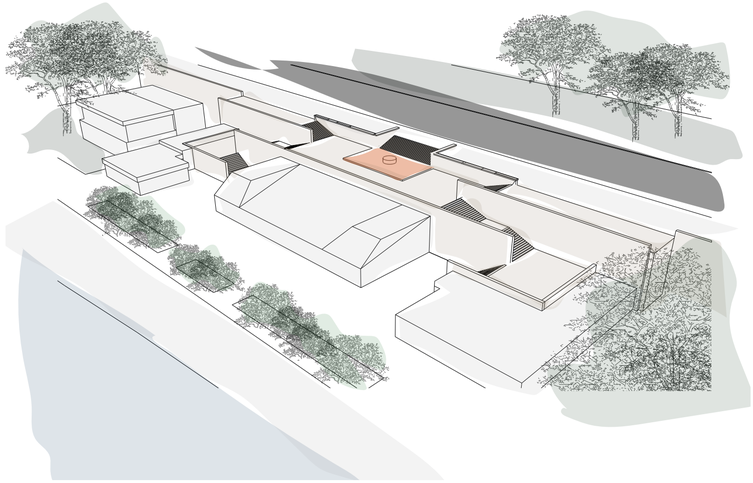
PHASING OVERVIEW

MAKER CITIES



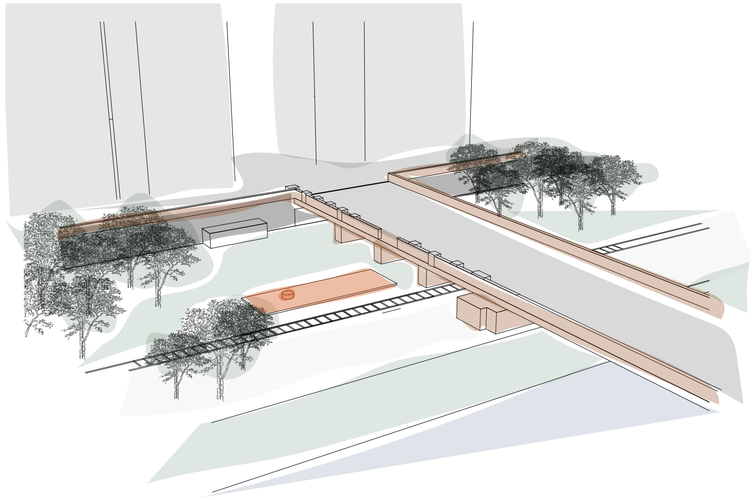
// Cologne

// Ruse

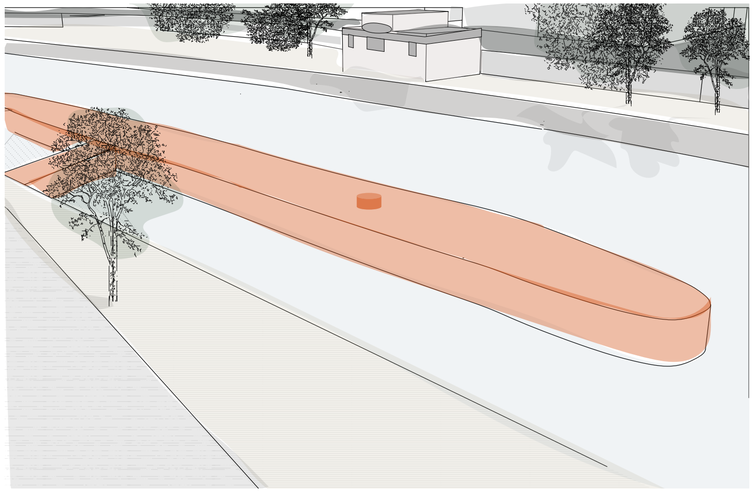


// Galati

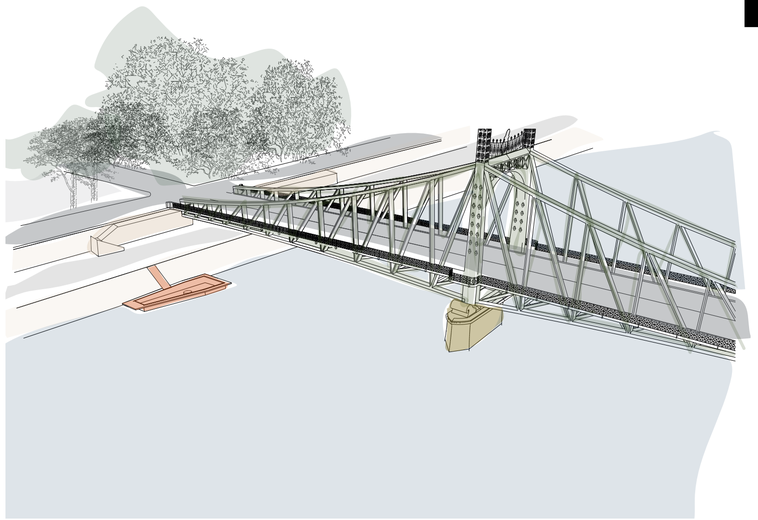
SHOW GIRLS



// Frankfurt

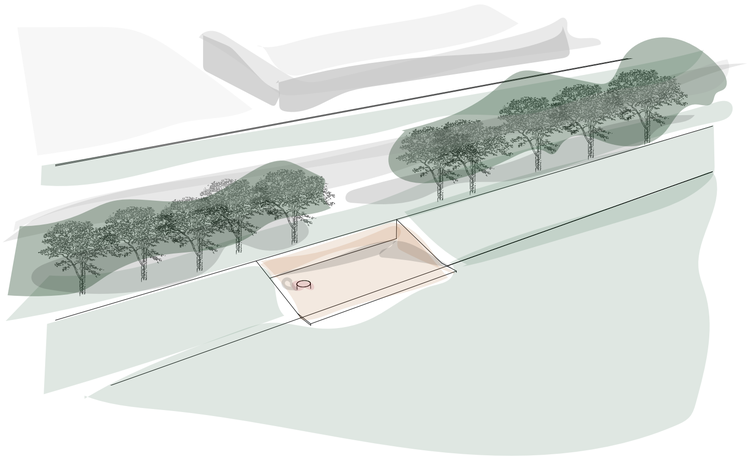


// Vienna



// Budapest

MAKER CITIES



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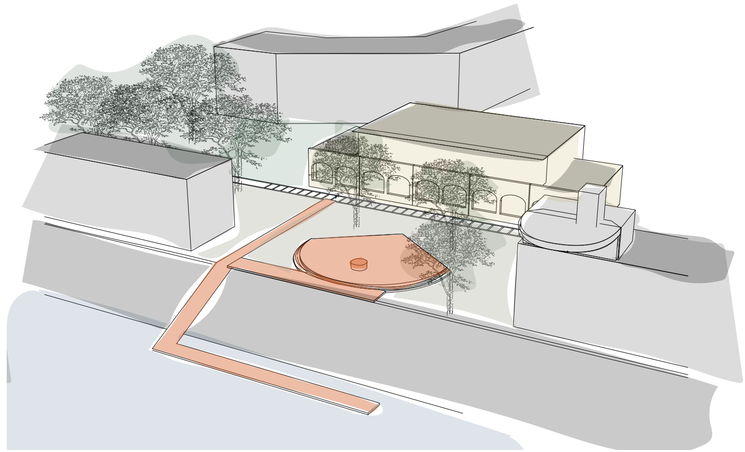

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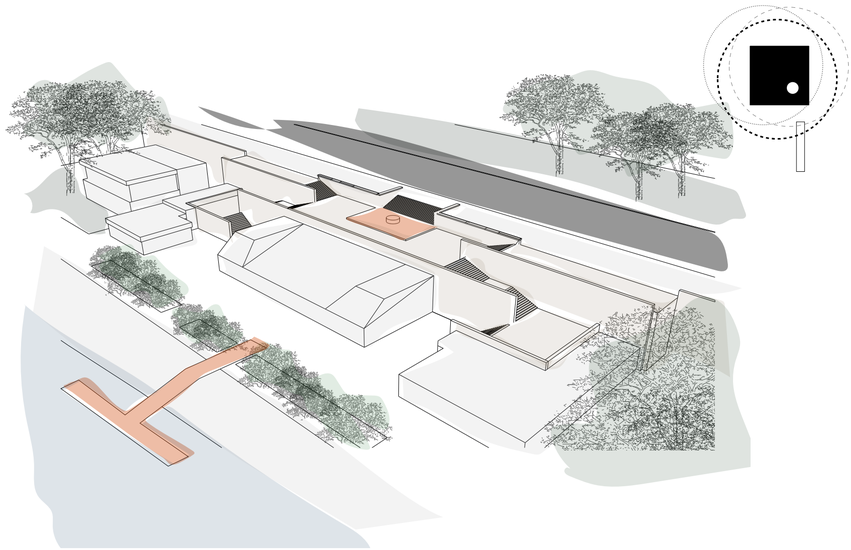
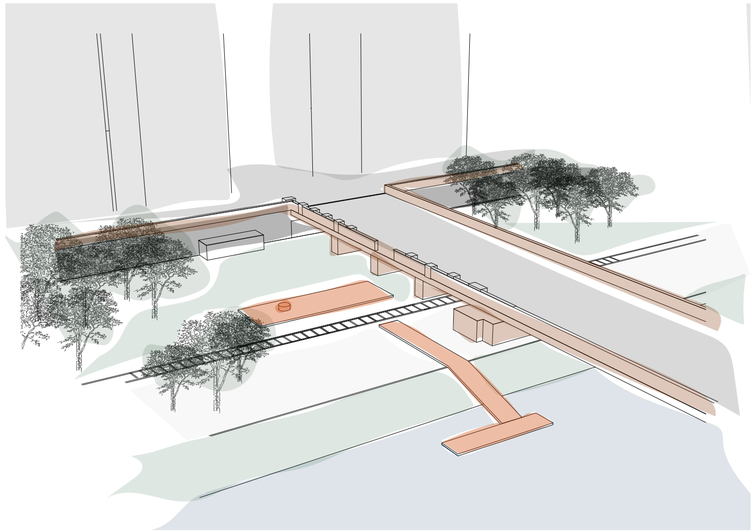


// Galati

SHOW GIRLS



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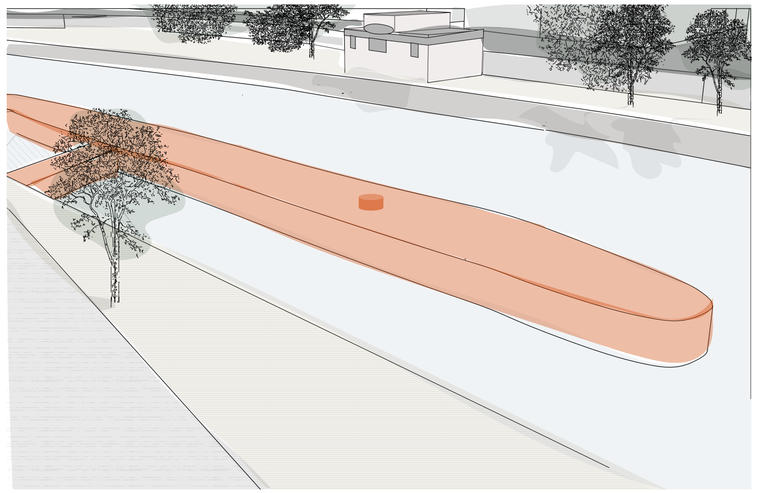

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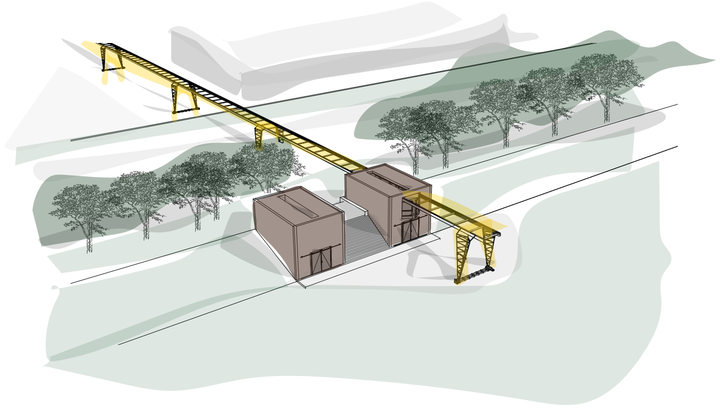
MAKER CITIES



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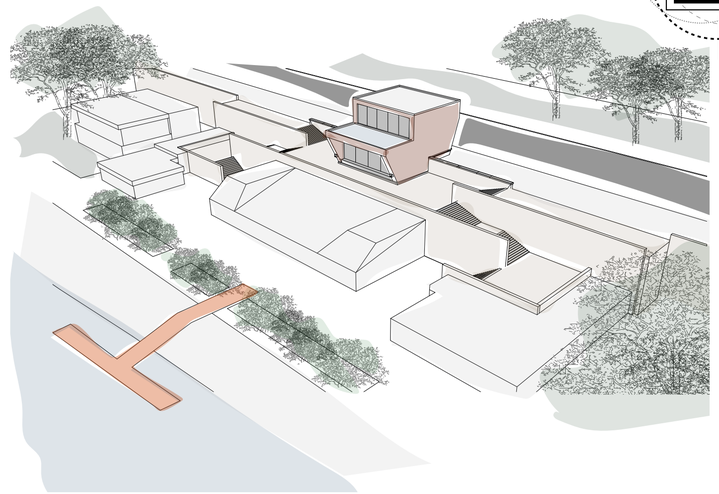

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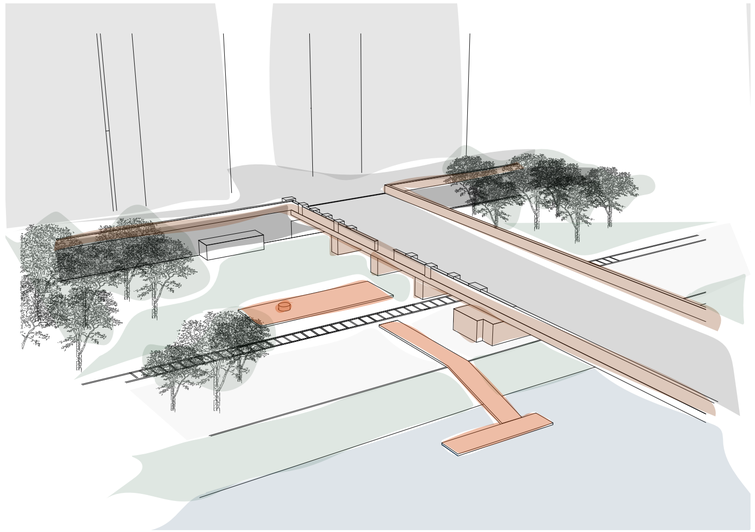

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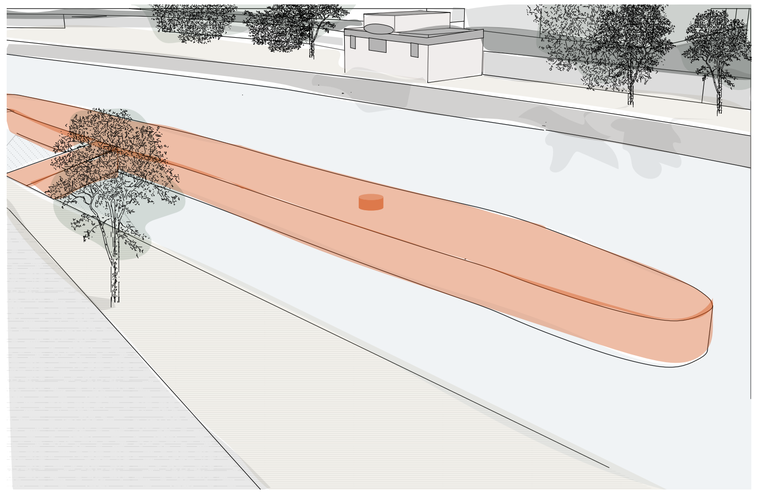

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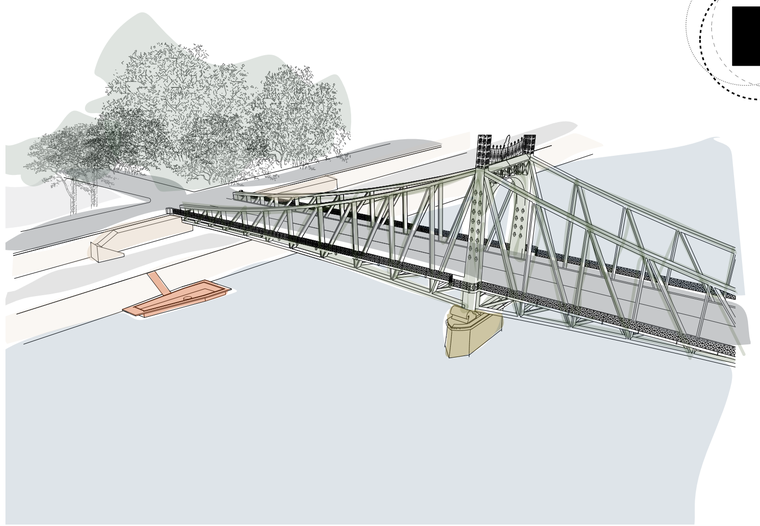

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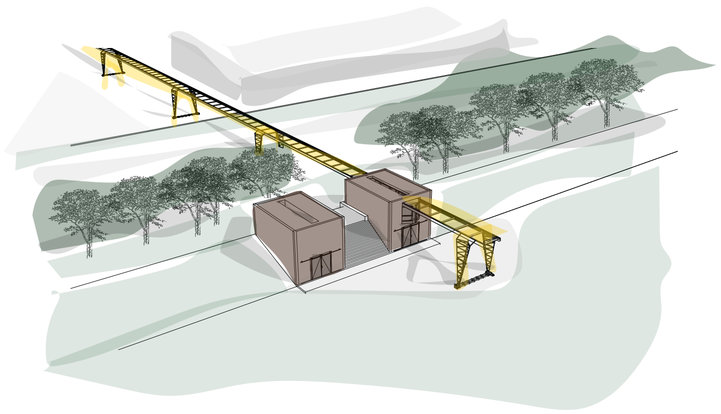
MAKER CITIES



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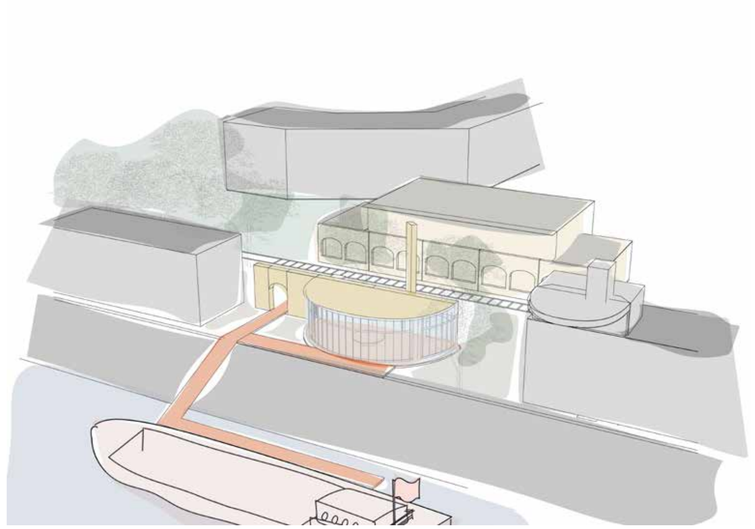

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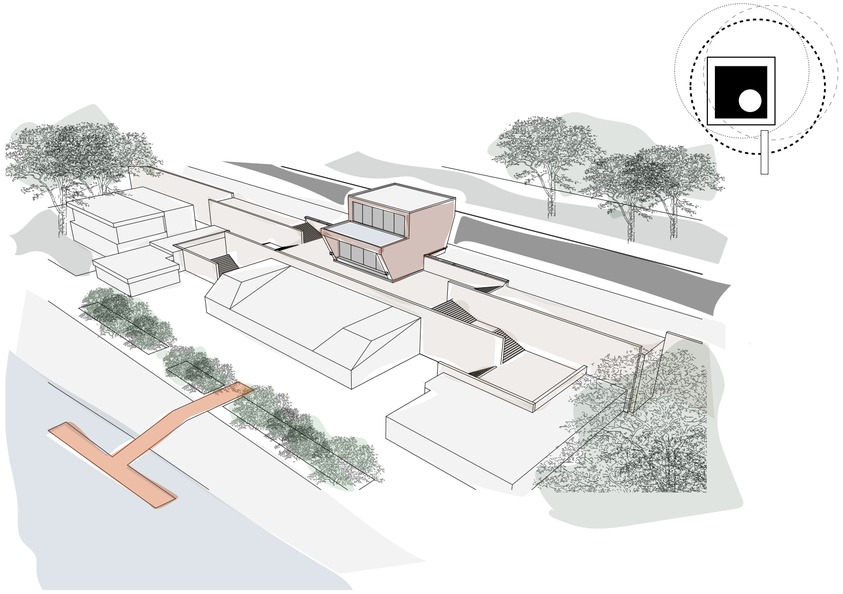

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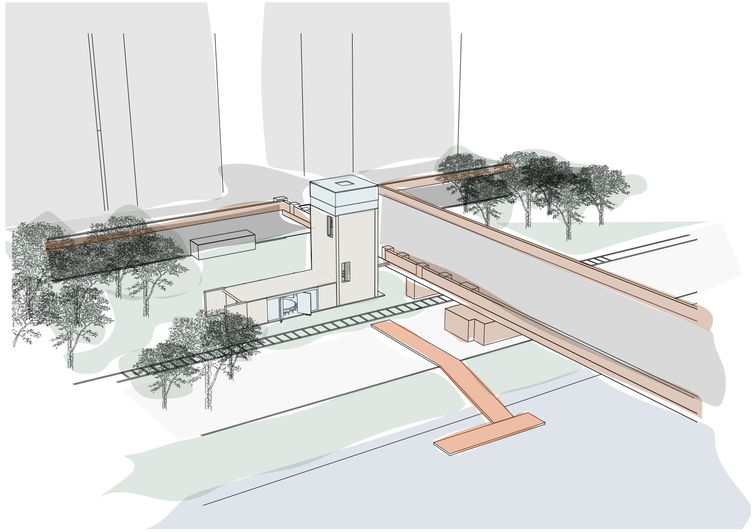

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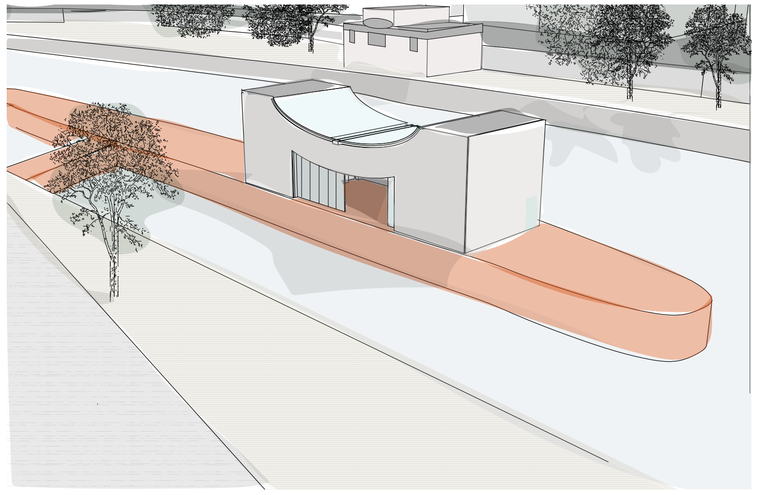


// Vienna

// Budapest

ISSUE

Kronen Zeitung
WIEN

VOR 5 JAHREN GEPLANT

Jetzt kommen die „schwimmenden Gärten“ doch

(Bild: APA/HERBERT PFARRHOFER, MA 42, krone.at-Grafik)

Vor fünf Jahren angekündigt, werden sie jetzt schon umgesetzt (Achtung, Ironie!) - die Rede ist von den schwimmenden Gärten am Wiener Donaukanal, die schon als versunken galten. Das Projekt kostet 3,5 Millionen Euro, bringt Holzdecks, Bepflanzungen, Sitzmöglichkeiten - und eine Eröffnung nach dem Sommer.

So stolz war Stadträtin Ulli Sima (SPÖ) auf ihre schwimmenden Gärten - und dann wurde eine ganze Legislaturperiode nichts daraus. „Dem Plan, die ehemalige Kaiserbadschleuse zu begrünen und für die Menschen nutzbar zu machen, ging eine sinnlose Blockade der niemals genutzten Betonfläche durch Ex-Pächter Norbert Weber voraus“, so Sima: „Weber, der auch Ex-Pächter der ehemaligen Copa Kagrana, heute CopaBeach, ist, nutzte die Fläche am Donaukanal nie, blockierte aber jegliche Neugestaltung.“

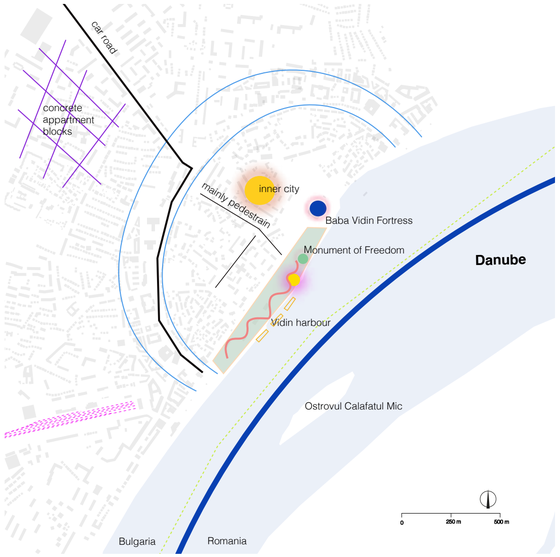
(Bild: facebook.com/telavivbeach)

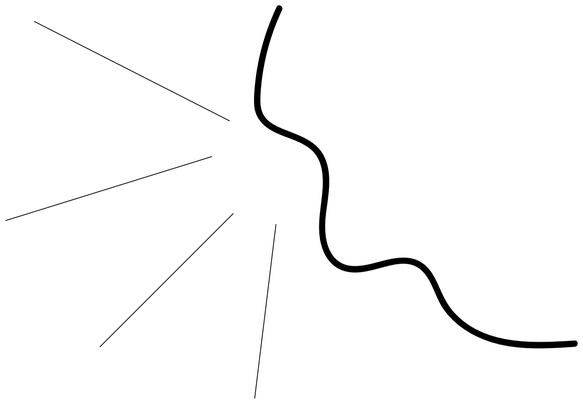
„Coole Sitzgelegenheiten“
Und jetzt kommen die Gärten doch. Geplant sind eine „Chill-Area“, eine Überplattung, die eine neue Verbindung zwischen Donaukanal-Promenade und der nicht genutzten Kaiserbadschleuse schafft, viel Grün und „coole Sitzgelegenheiten“. Was das Projekt so teuer macht: der Denkmalschutz.

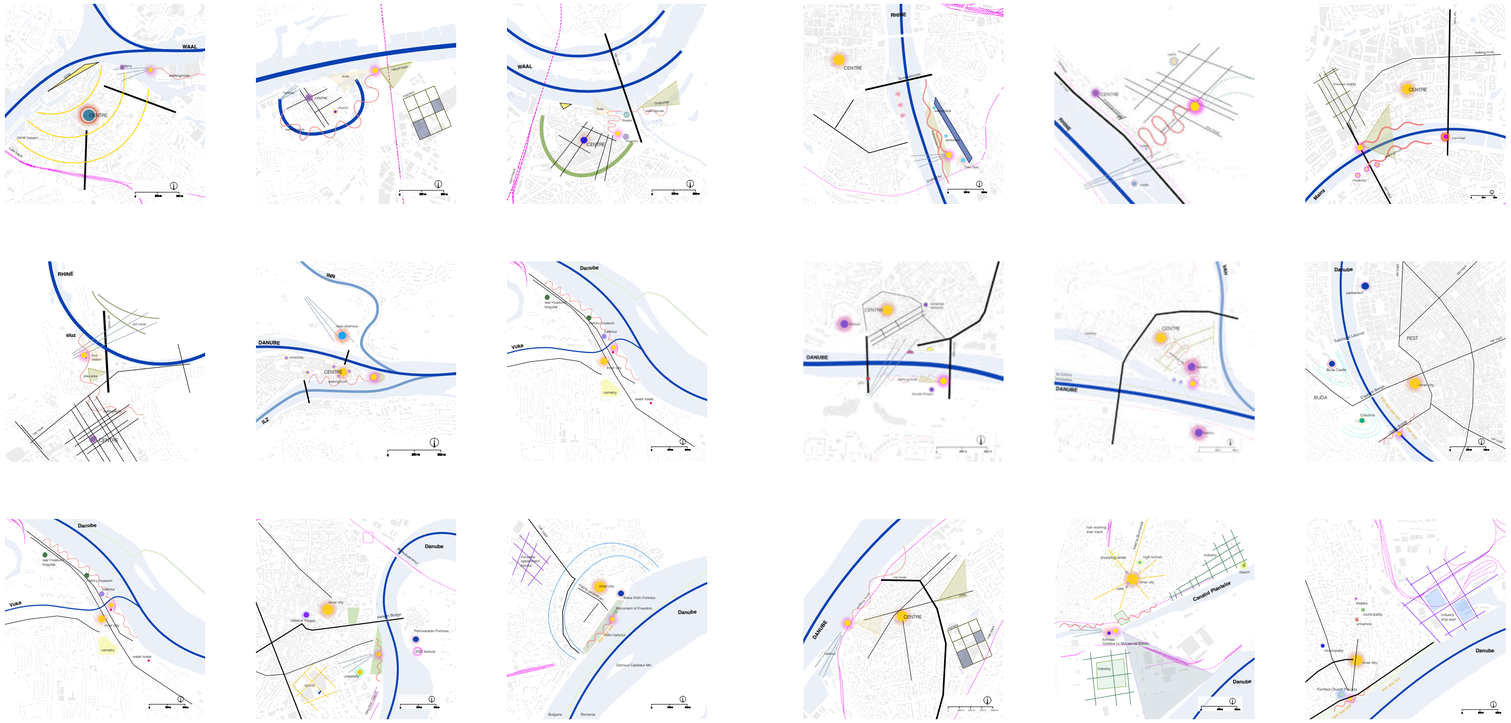
Durch eine Entsiegelung und Begrünung wird der einfallende Luftstrom entlang von Donau und Donaukanal gefördert - wie ein riesiger Ventilator für die Umgebung. Eine Hiobsbotschaft gibt es natürlich: Die Eröffnung ist für September geplant. Da wird es wieder kühler.

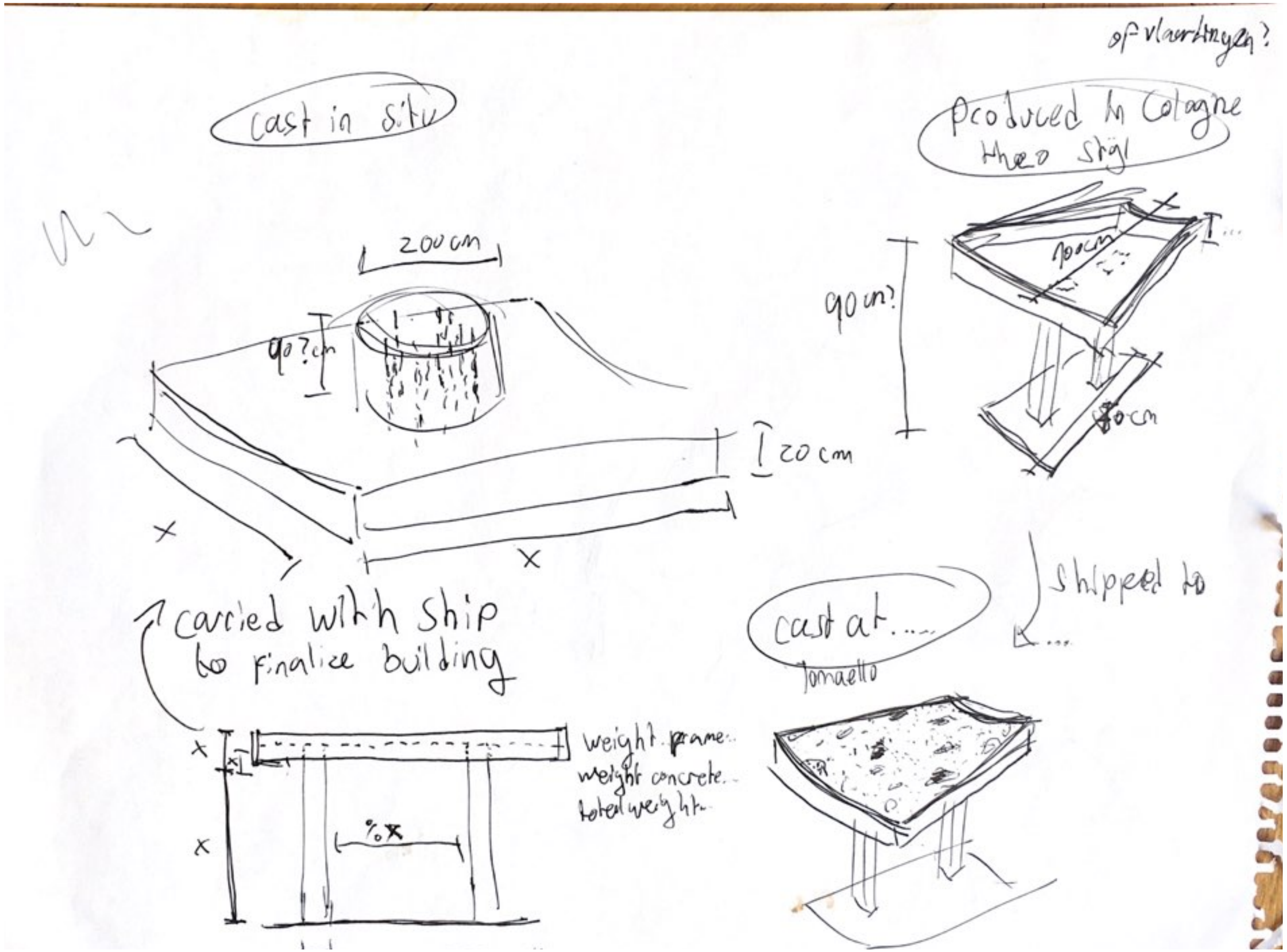
Michael Pommer, Kronen Zeitung

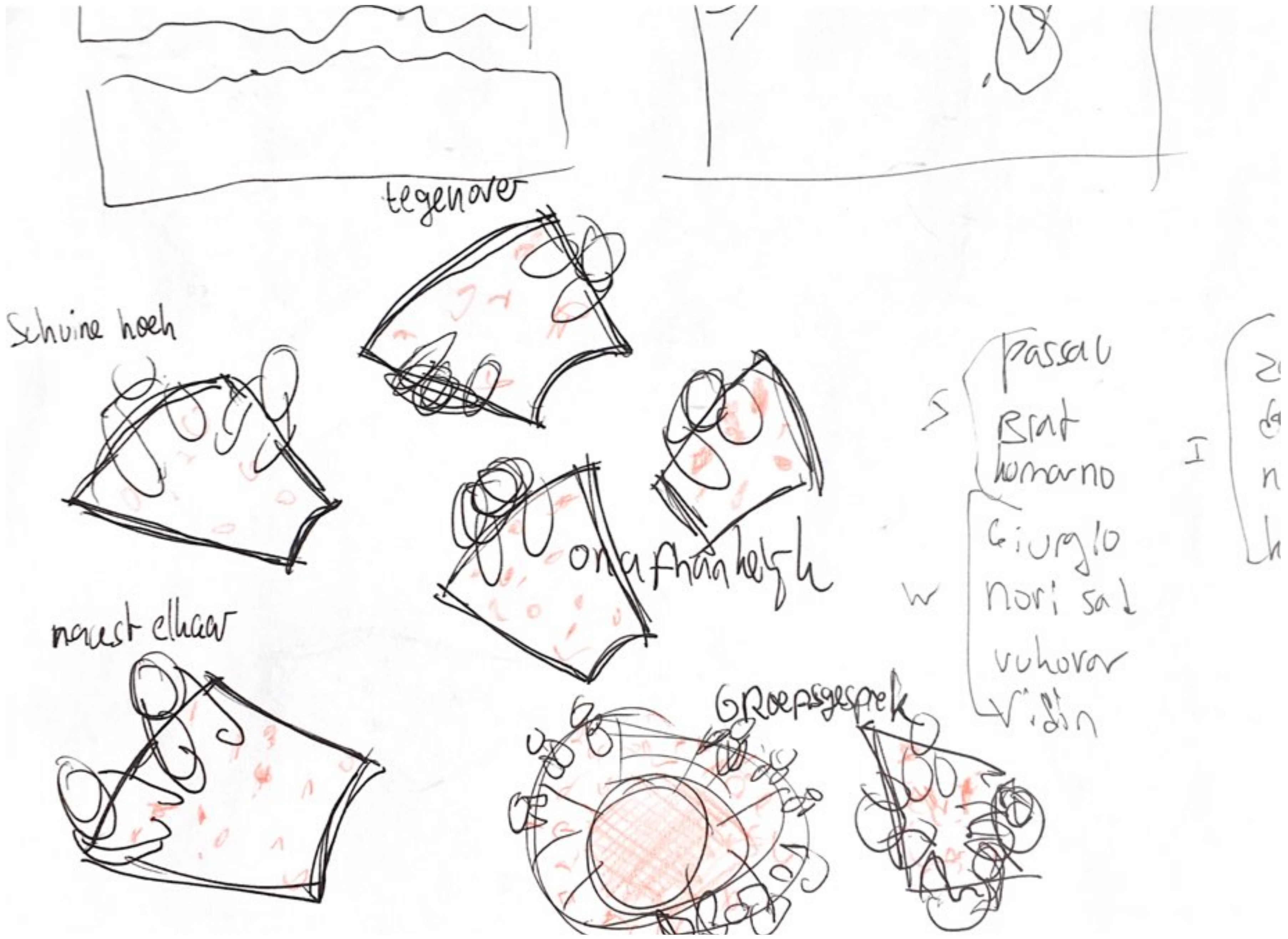
krone.at


car road
concrete appartment blocks
inner city
mainly pedestrain
Baba Vidin Fortress
Monument of Freedom
Danube
Vidin harbour
Ostrovul Calafatul Mic
Bulgaria
Romania
0
250 m
500 m






of vlaardingen?
cast in situ
Produced in Cologne
theo Stäl
200 cm
90 ? cm
20 cm
x
x
90 cm?
100 cm
80 cm
shipped to
cast at.....
Tomaello
carried with ship
to finalize building
weight frame..
weight concrete..
total weight..
x
x
%X


tegenover
Schuine hoek
naast elkaar
onafhankelijk
Groepsgesprek
Passau
Brat
Lomarno
Giuglio
nori sal
vukovar
Vidin

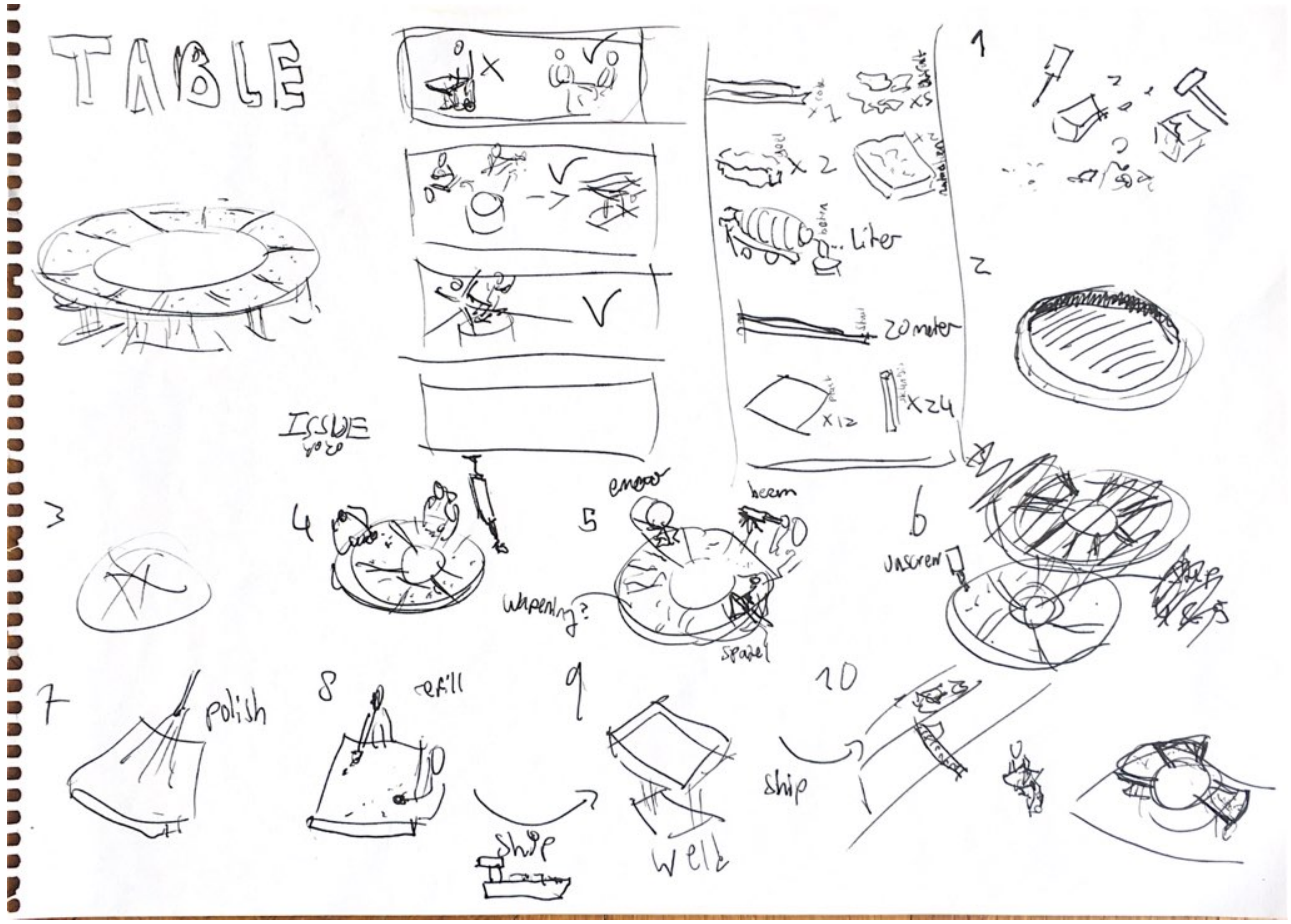
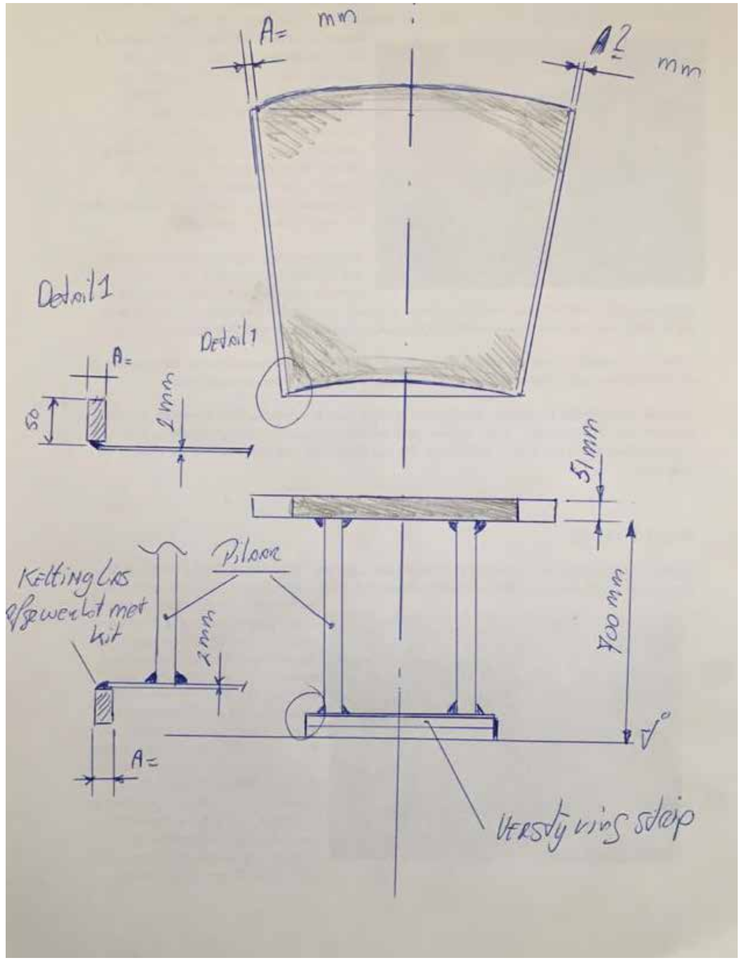
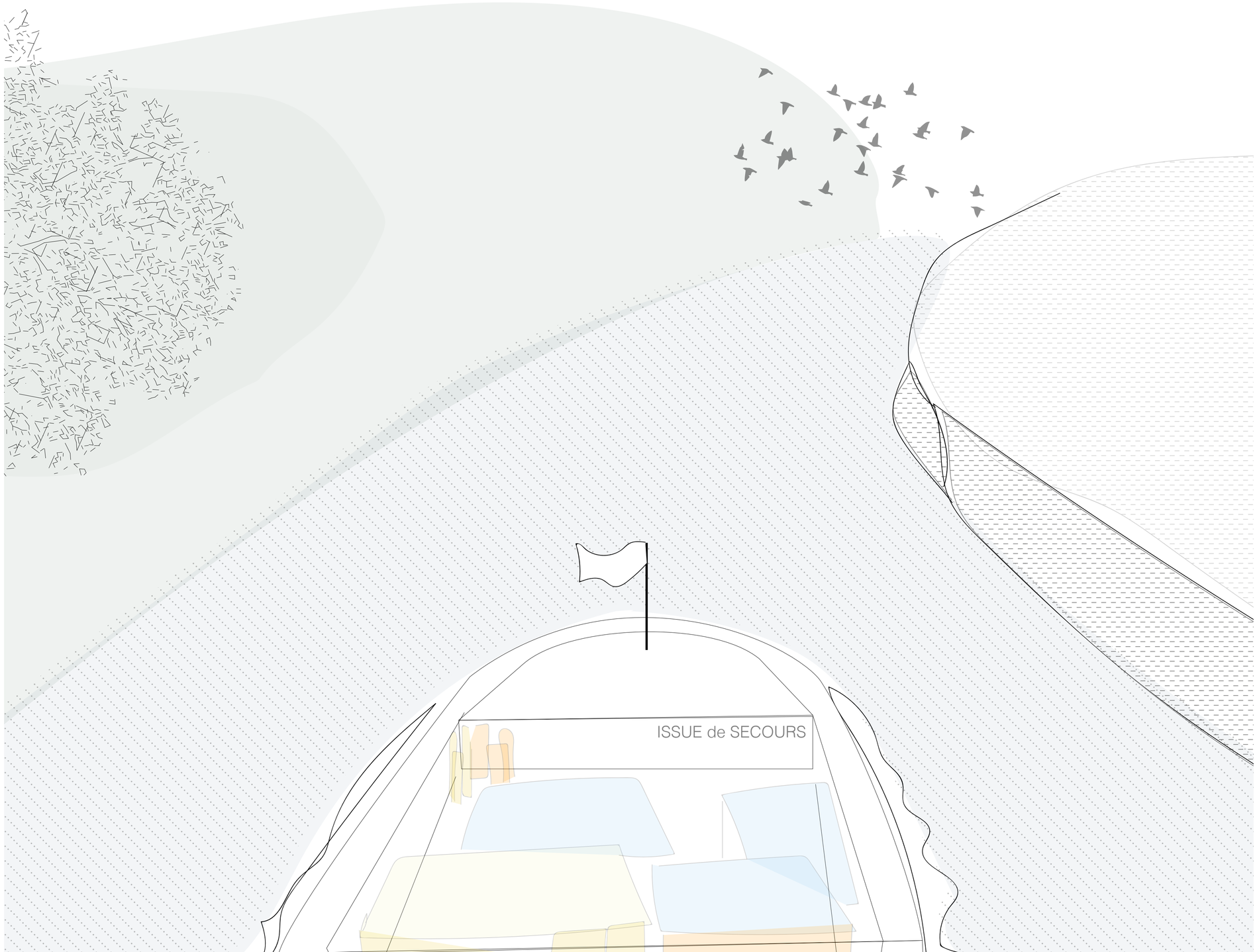
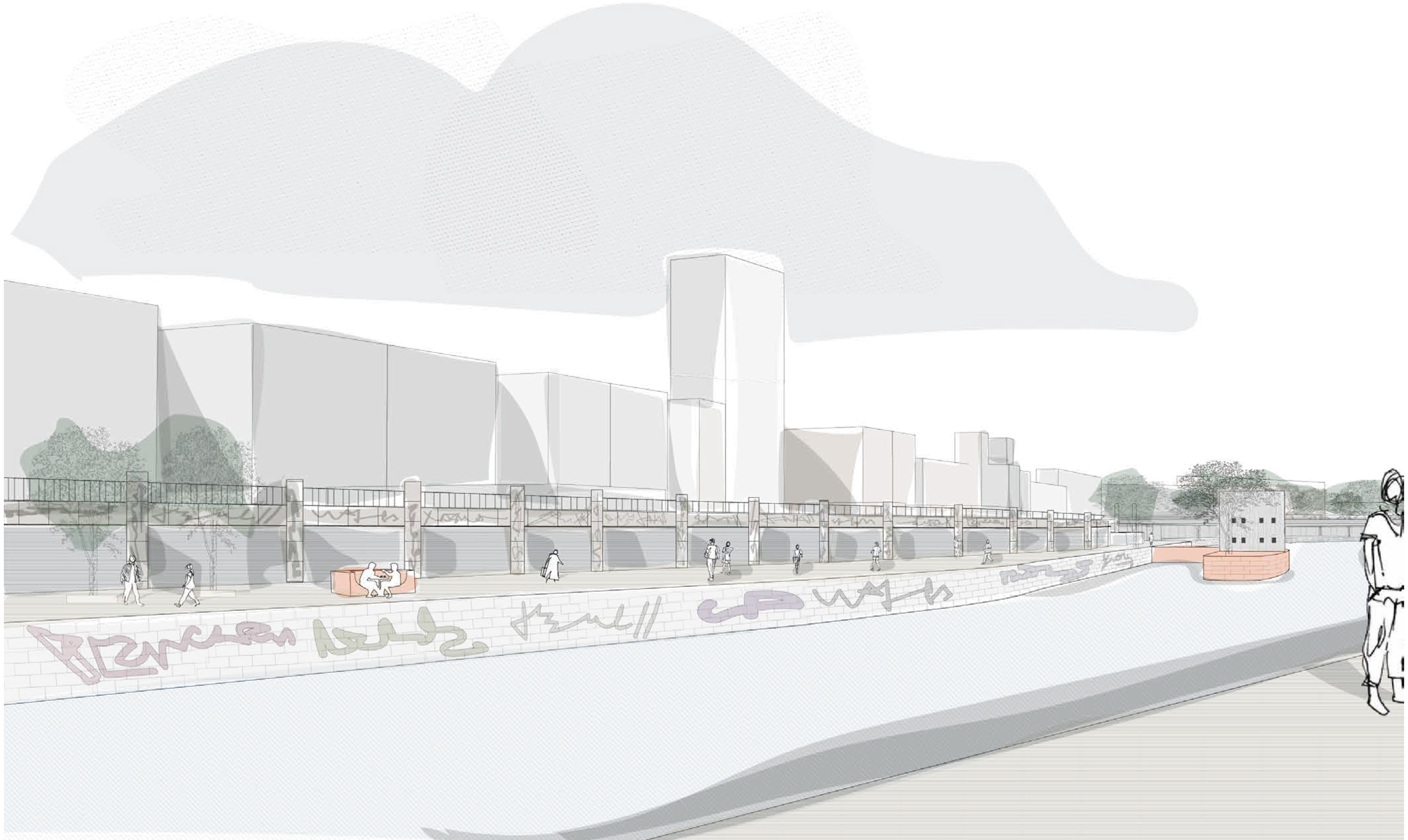


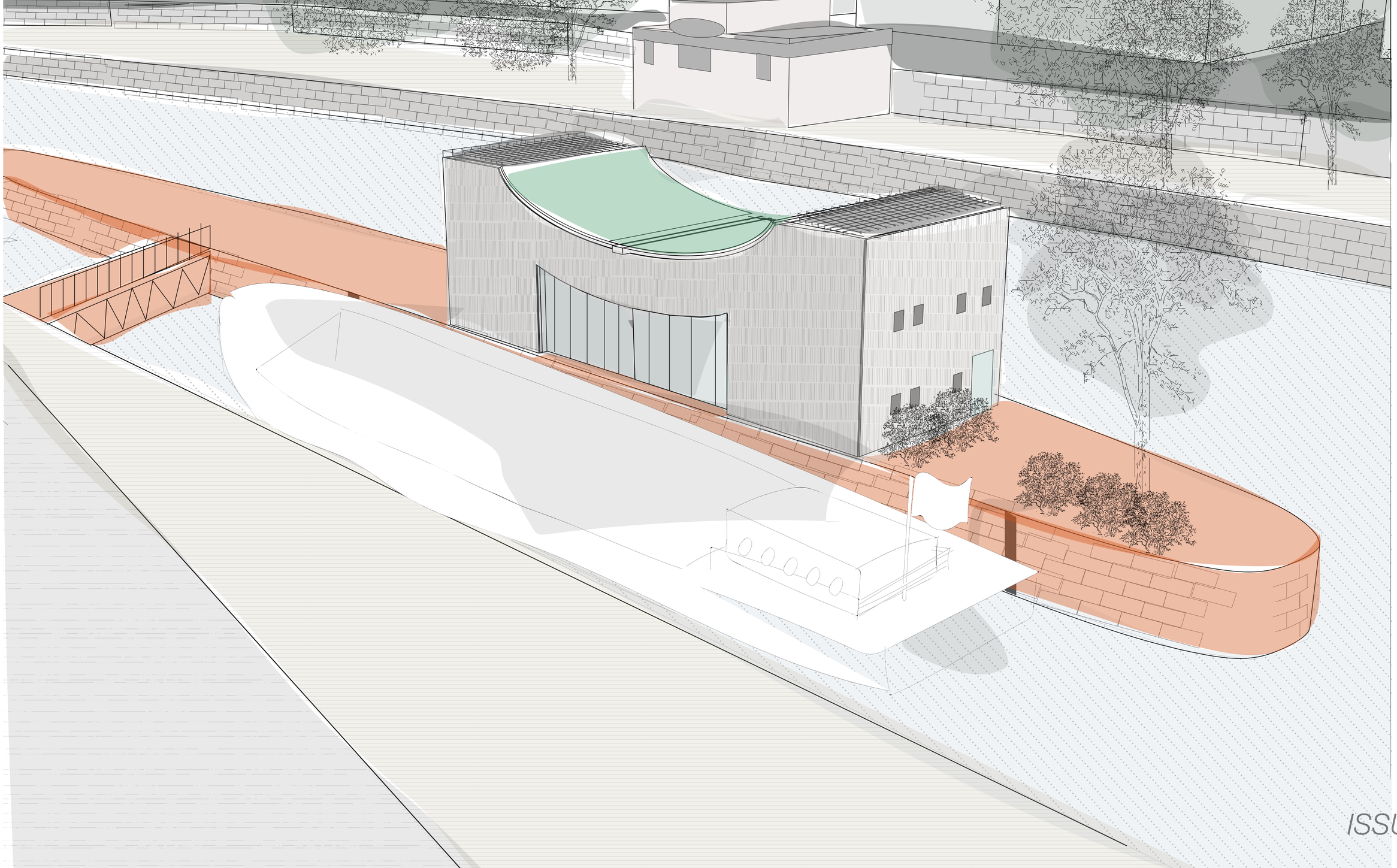
TABLE
ISSUE
Liter
20 meter
X24
X12
1
2
3
4
5
6
7
polish
8
refill
9
10
ship
ship
well

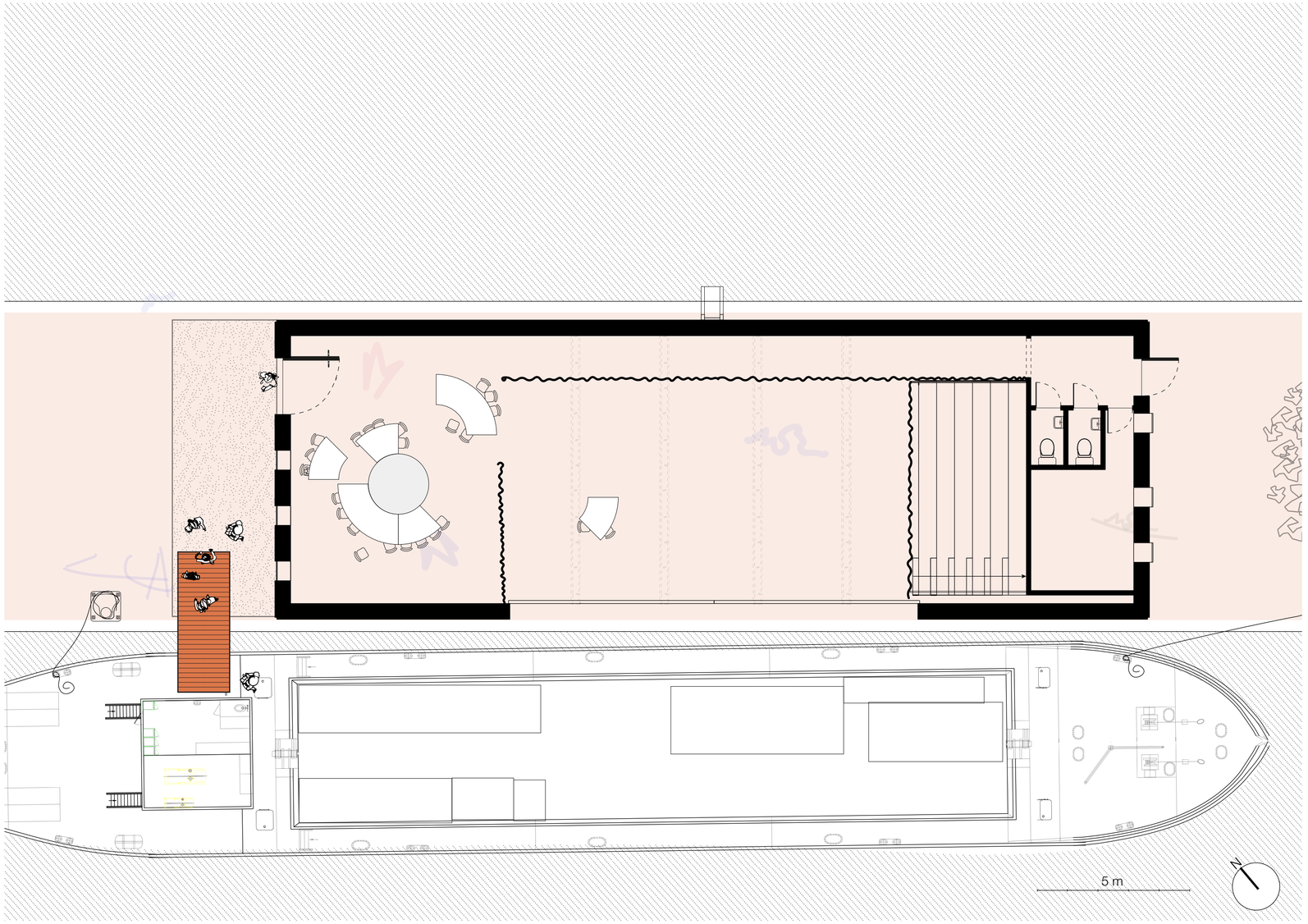

A=
mm
A2
mm
Detail 1
Detail 1
A=
50
2 mm
51 mm
Kelting Las
afgewerkt met
kit
Pilaar
2 mm
700 mm
A=
Verstijvings strip

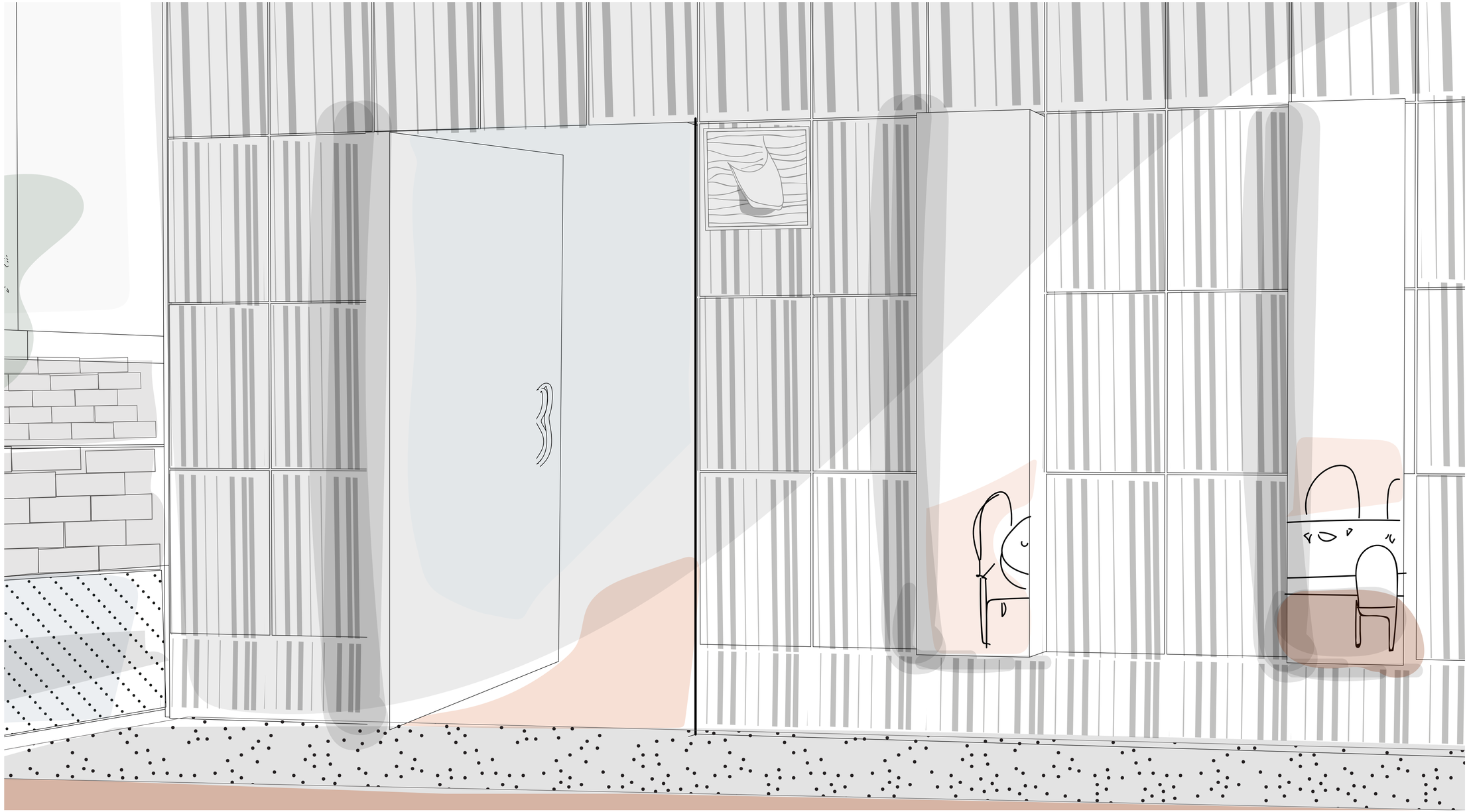
EVENT VIENNA

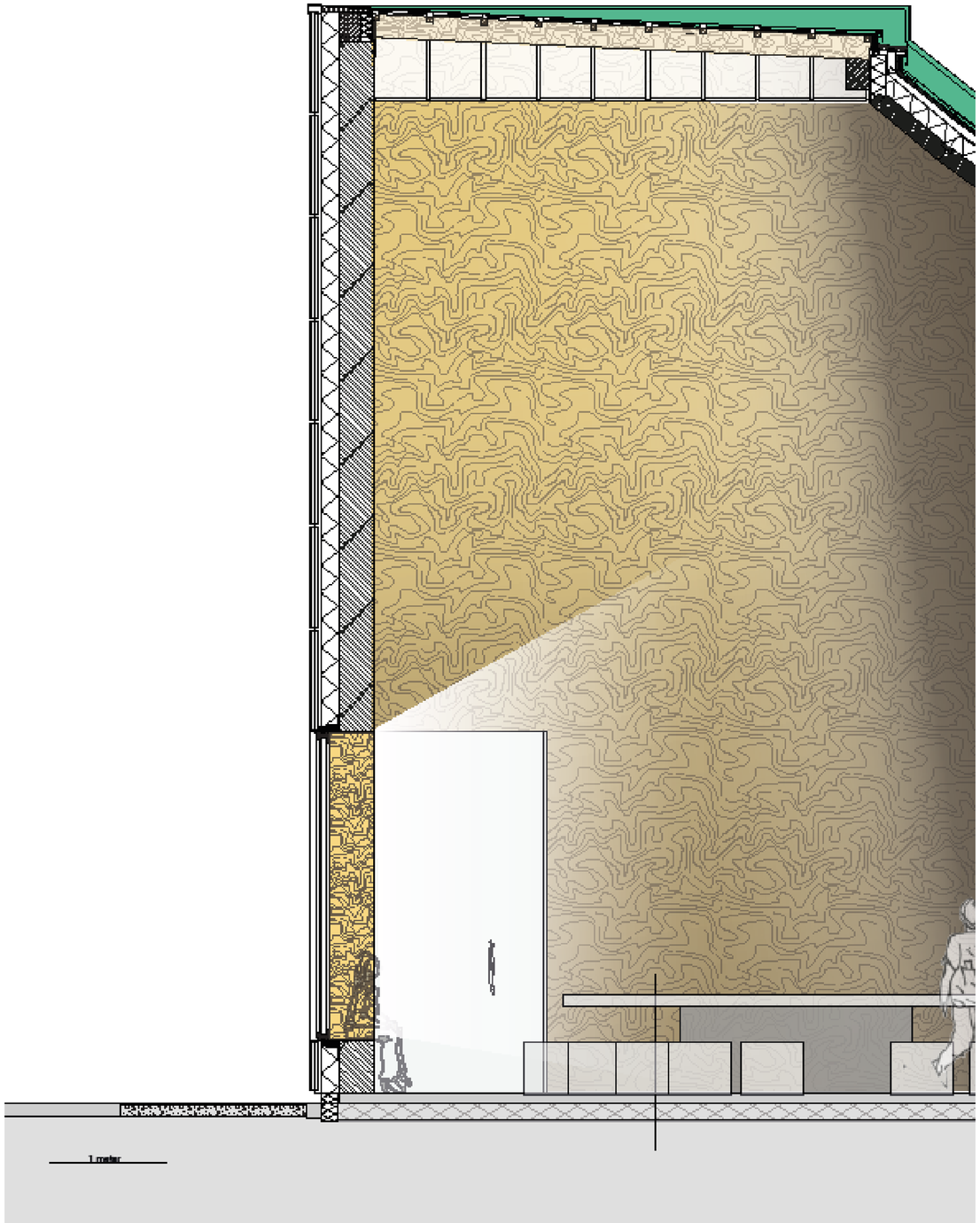

ISSUE de SECOURS

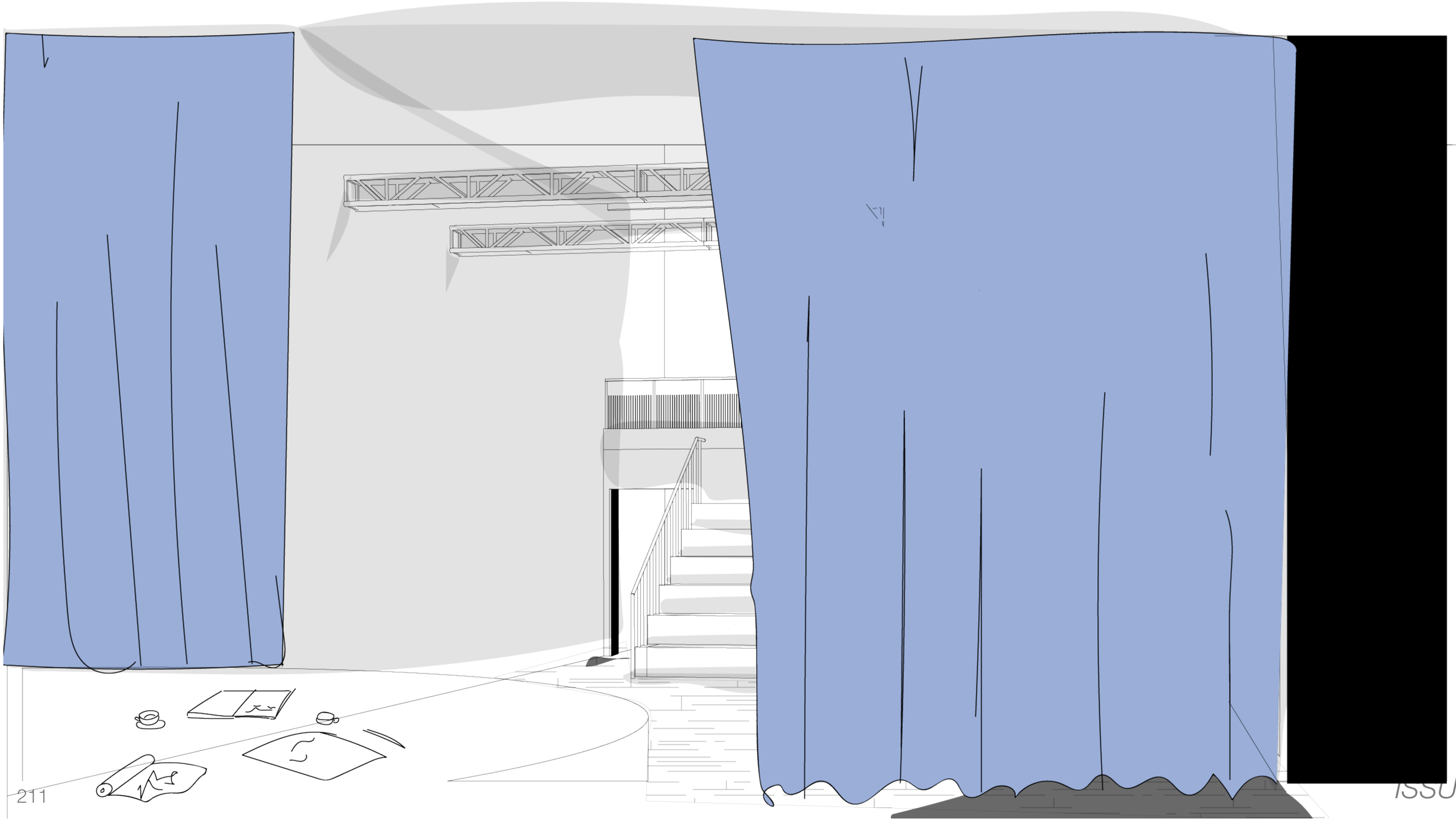


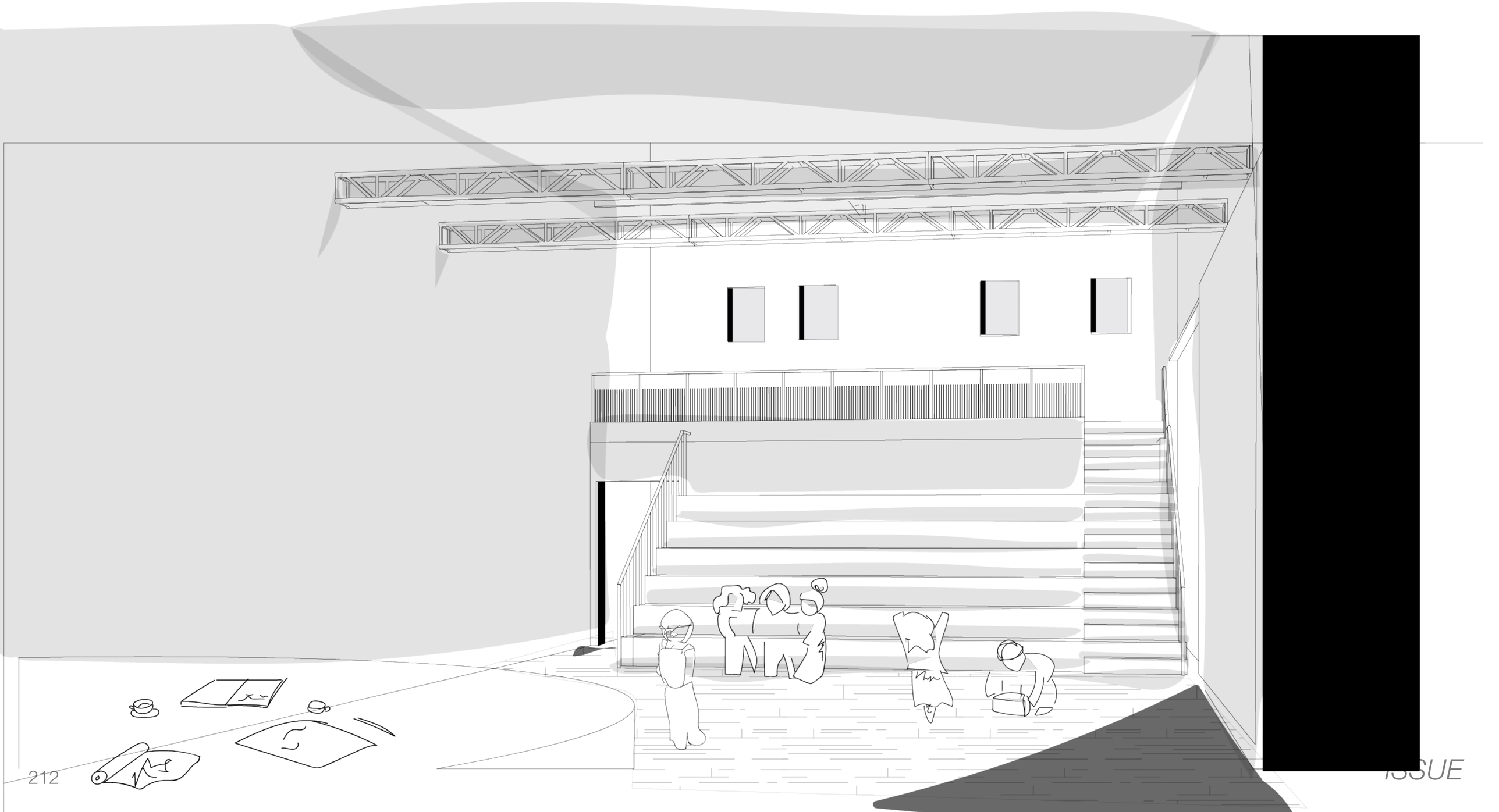


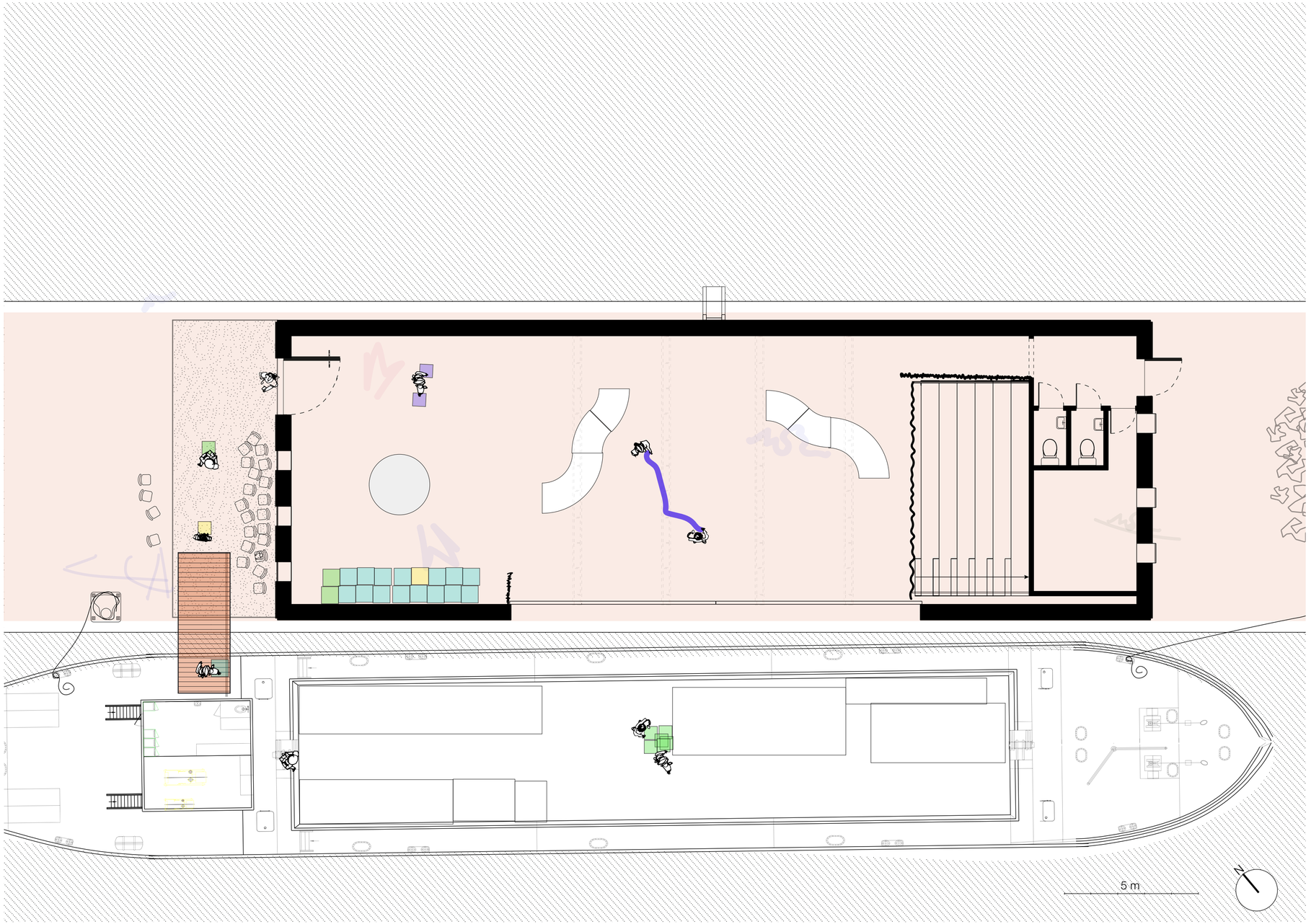

5 m
N

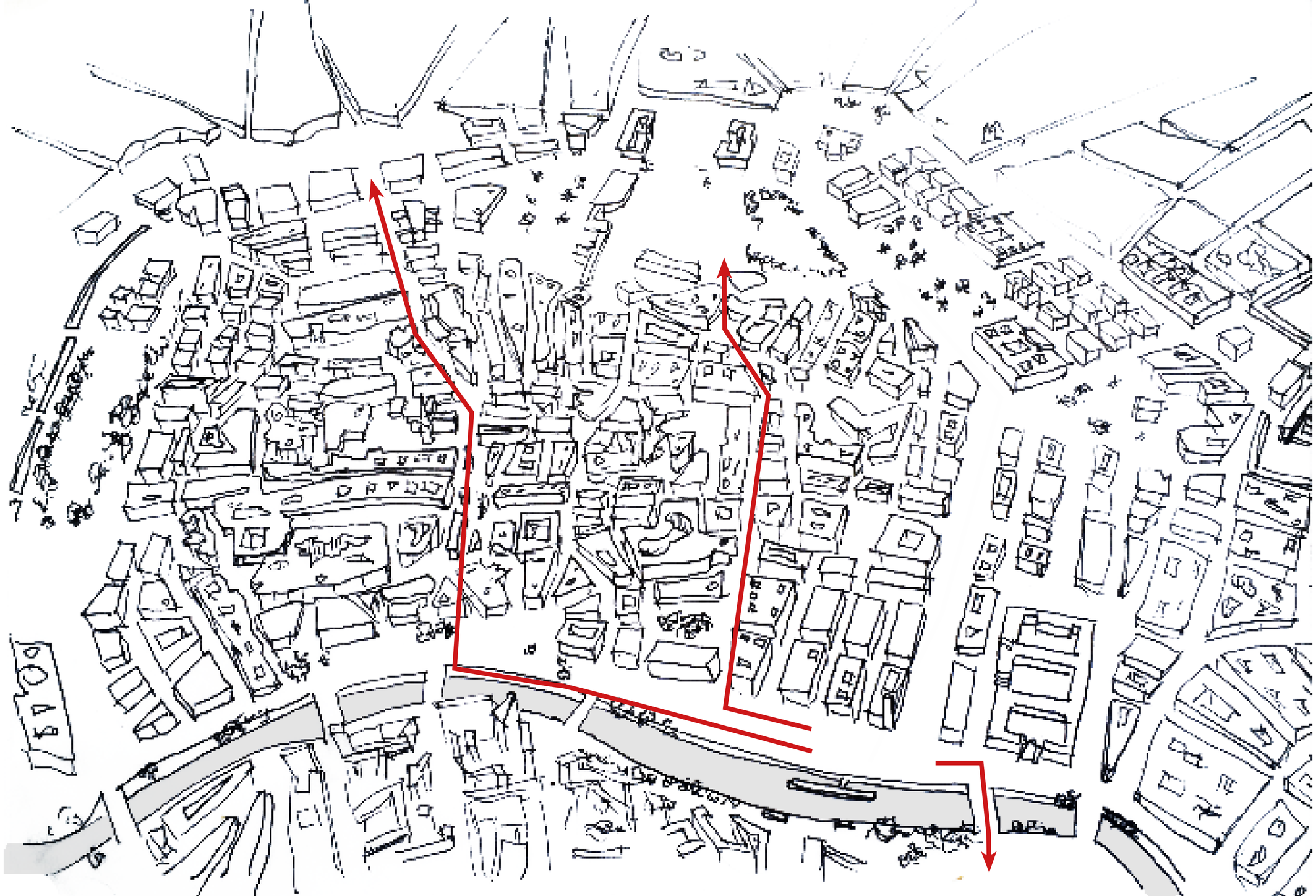


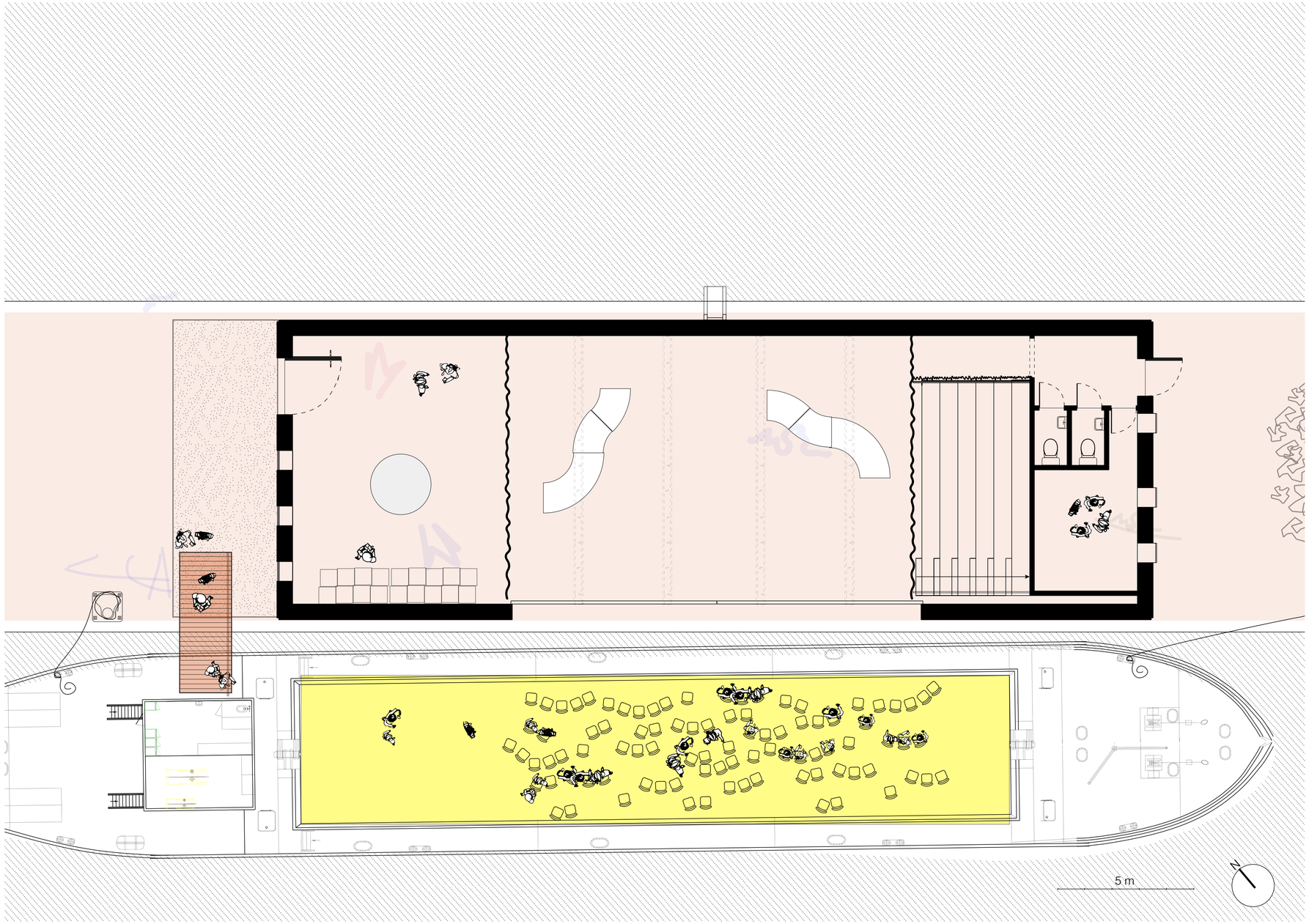
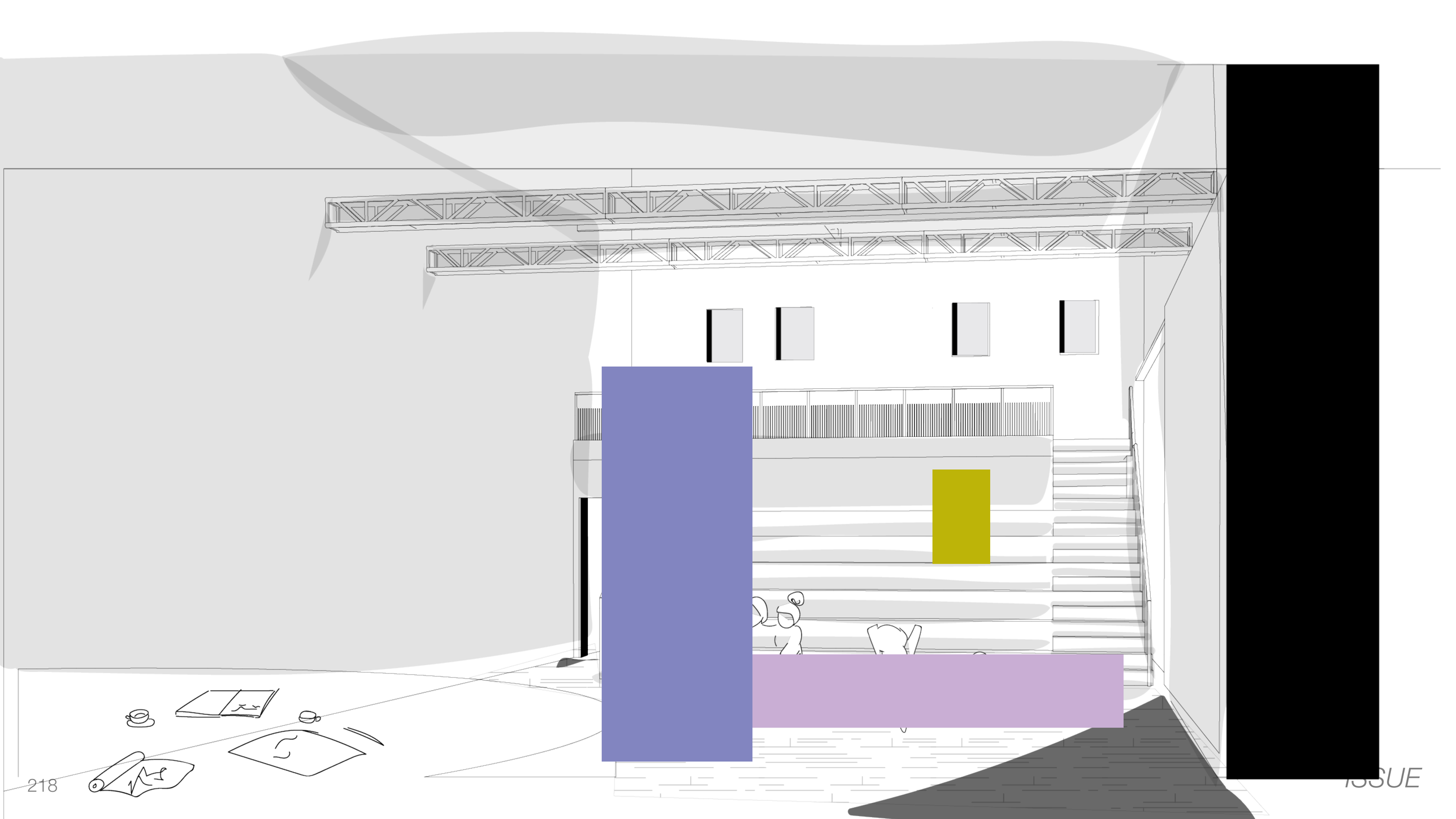
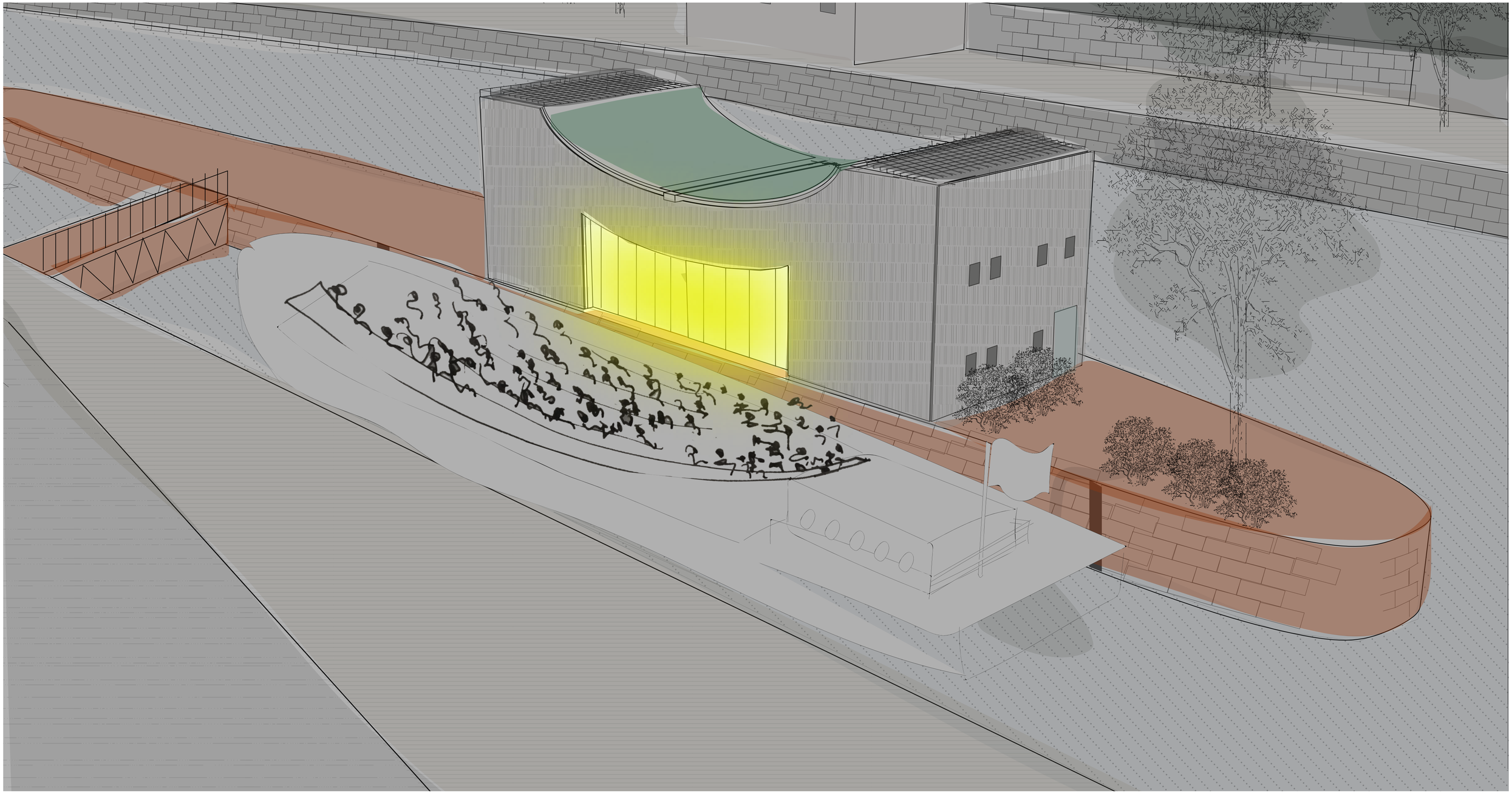
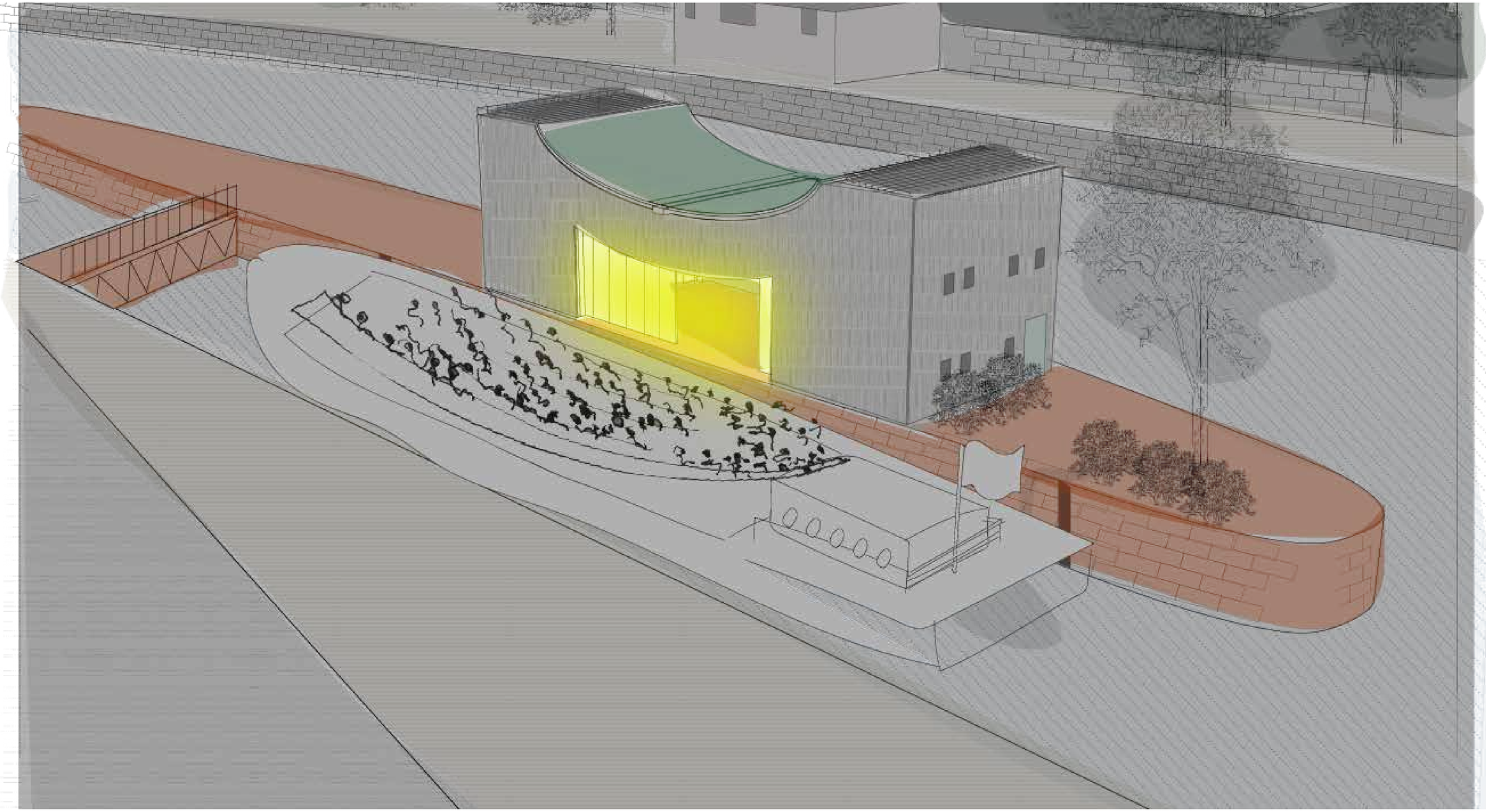

1 meter






5 m
N




5 m
N