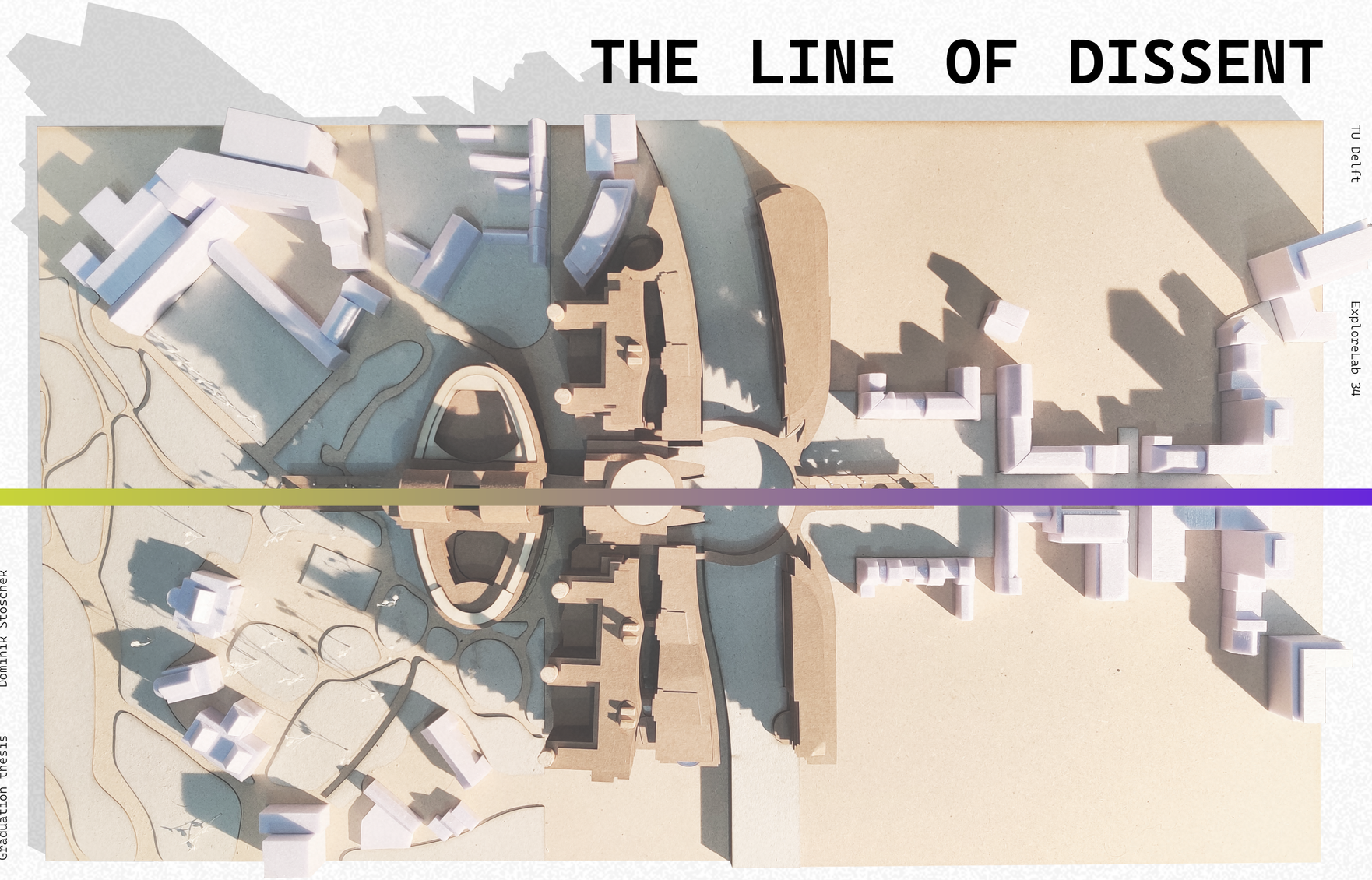
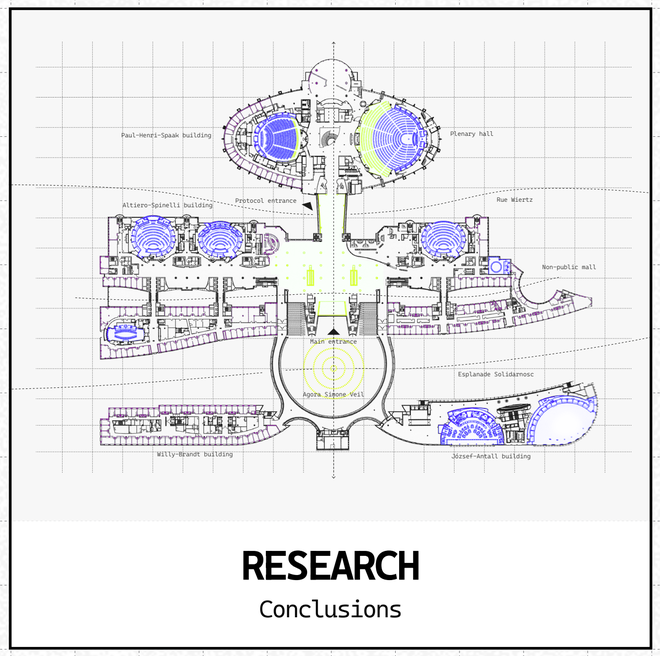
# THE LINE OF DISSENT



AN ARCHITECTURAL-POLITICAL VISION FOR AN OPEN EUROPEAN UNION

Graduation thesis Dominik Stoschek

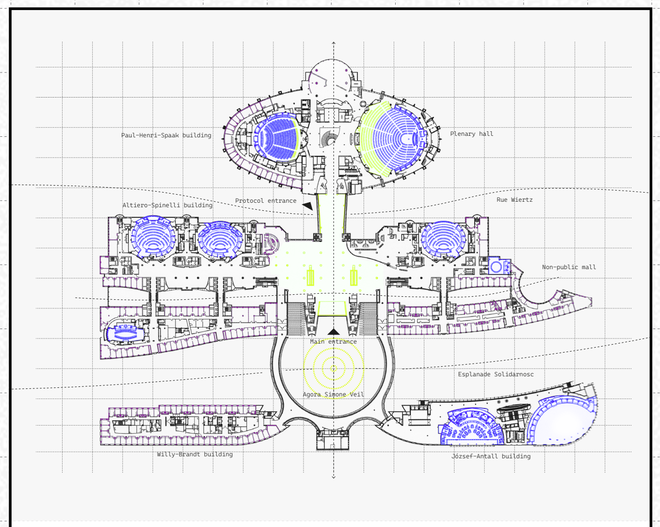
TU Delft ExploreLab 34




# RESEARCH

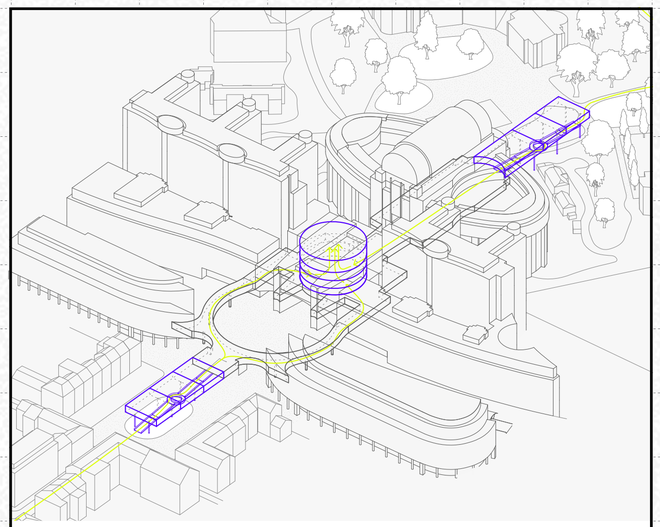
## Conclusions

Dissensusline




# RESEARCH

Conclusions

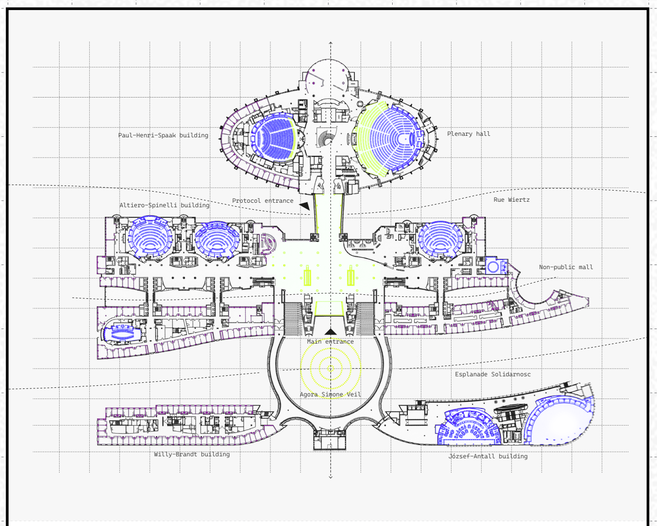


# DESIGN

Concept

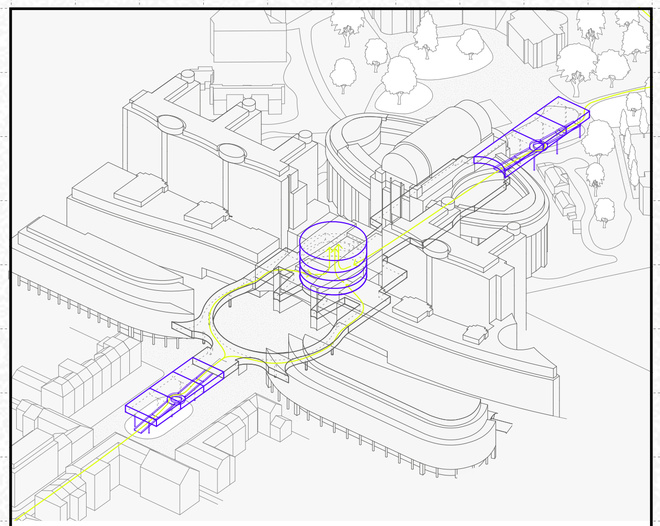
Dissensusline

Dissensusline



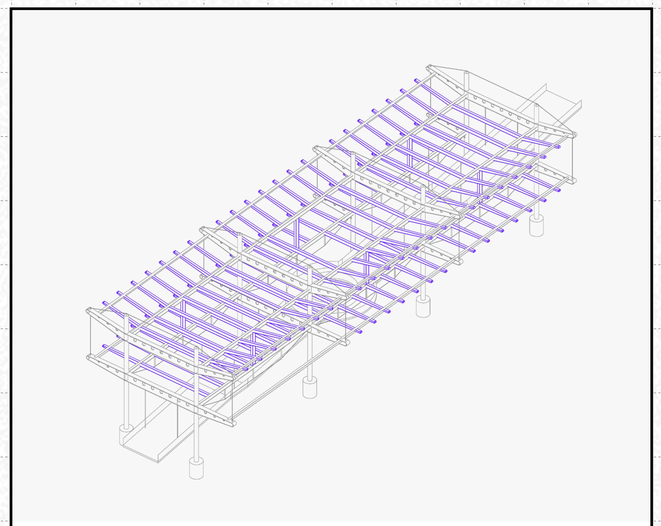

## RESEARCH

Conclusions



## DESIGN

Concept



## ASSEMBLY

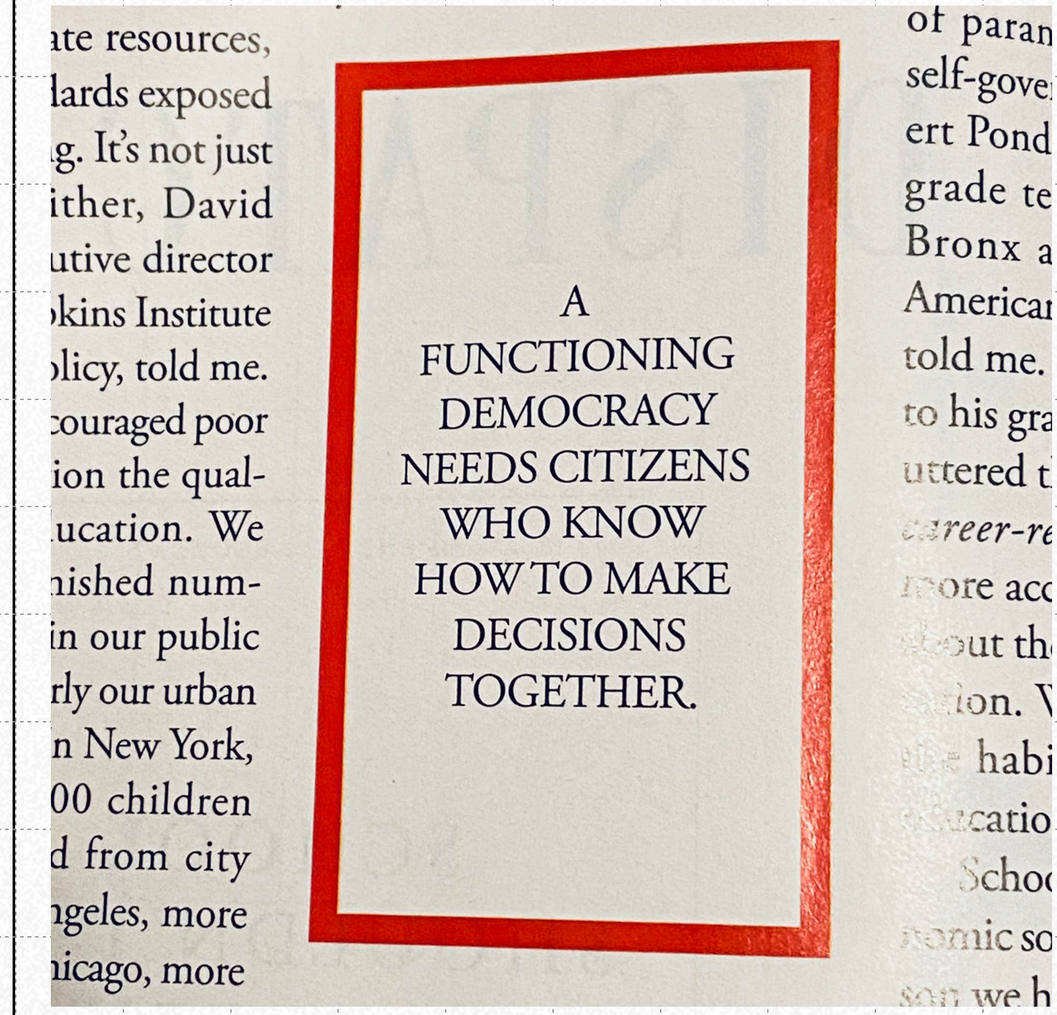
Building technology

Dissensusline





Dominik Stoschek
5234379




– Quote from *The Atlantic*, 10 March 2022 –



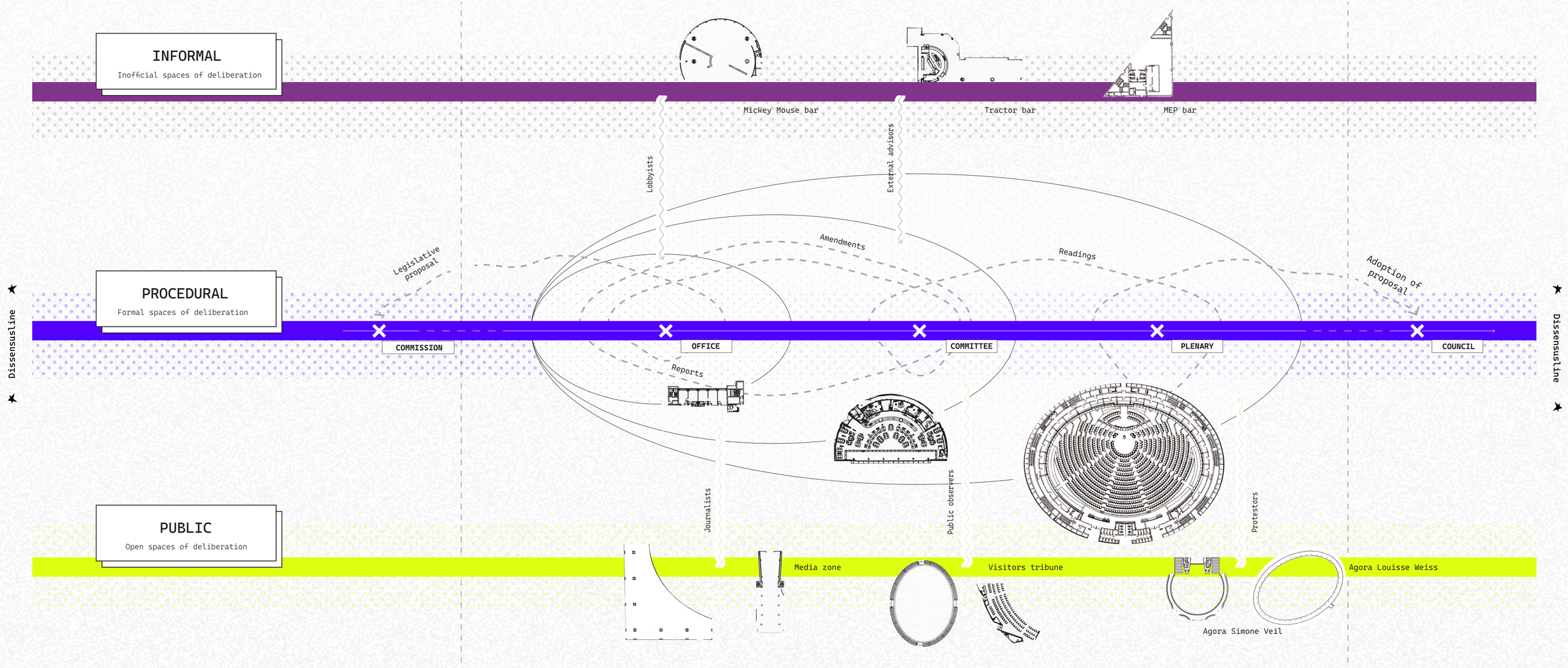

**– EU–Parliament as seen from Place du Luxembourg –**

Dissensusline




**– EU–Parliament as seen from Place du Luxembourg –**

Dissensusline




# – Spaces of deliberation –



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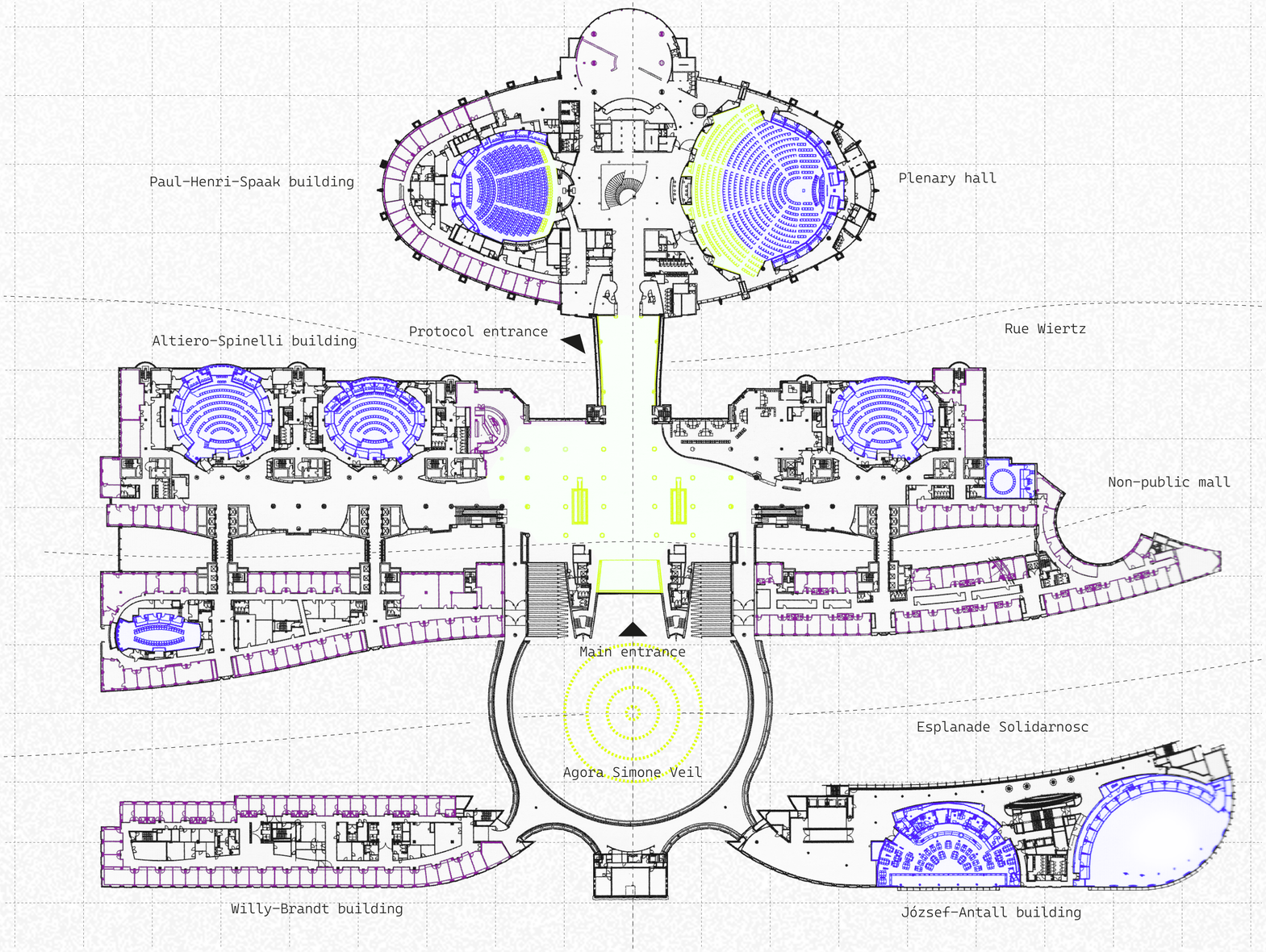
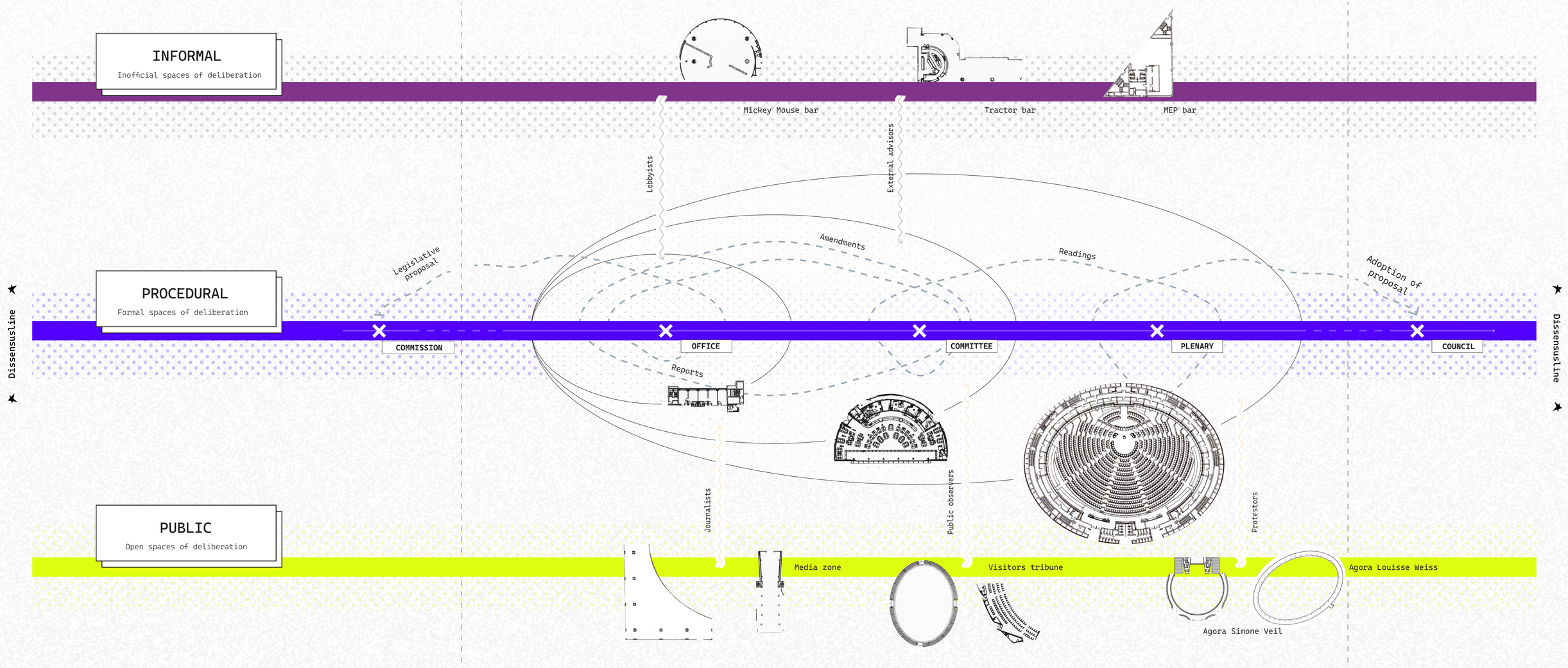
5234379




**– Spaces of deliberation –**




# – Spaces of deliberation –



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Dominik Stoschek
5234379

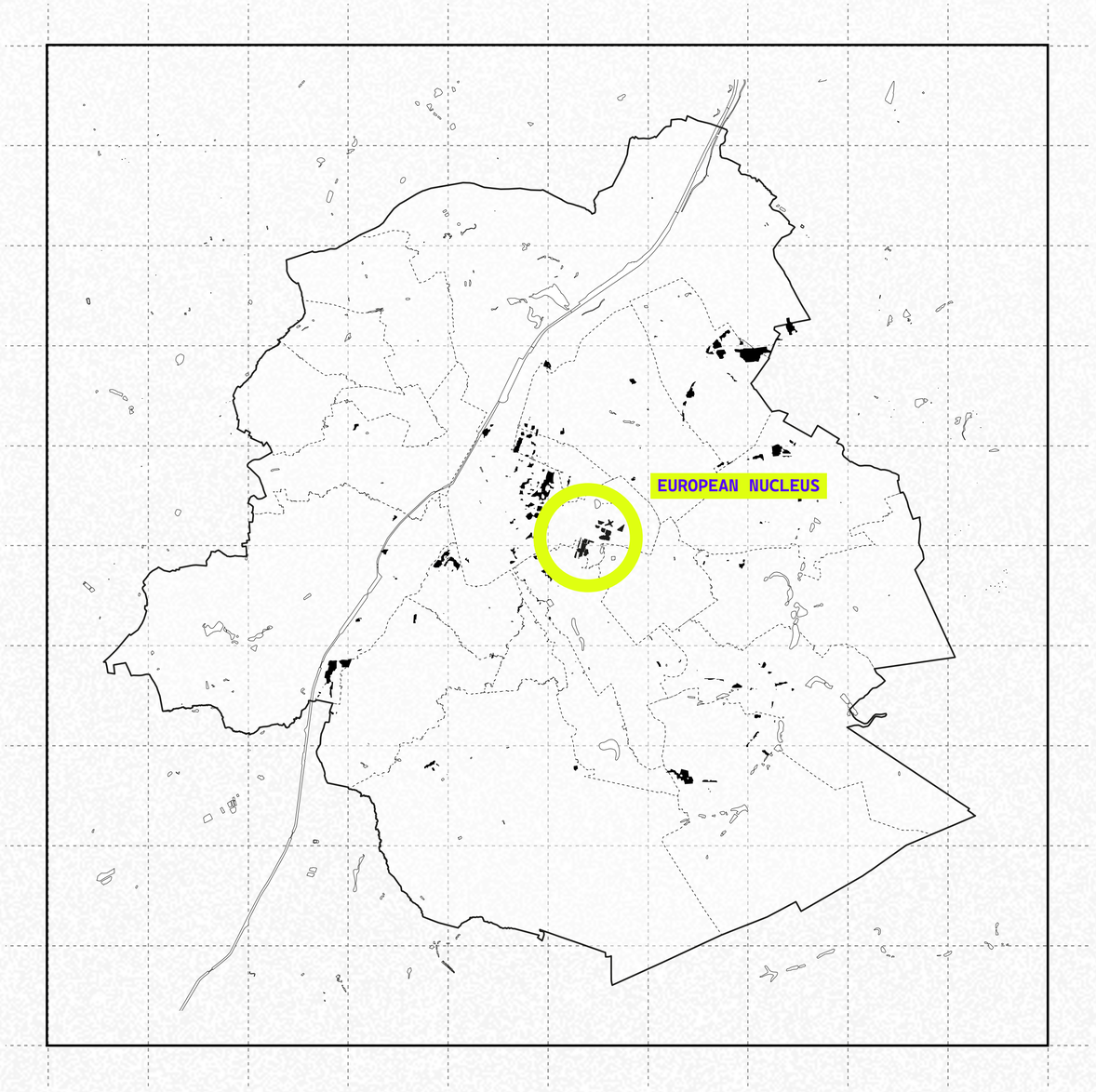
INSTITUTIONALIZING

# POLITICAL PUBLICNESS



A CITIZEN’S ASSEMBLY FOR THE EU PARLIAMENT BRUSSELS

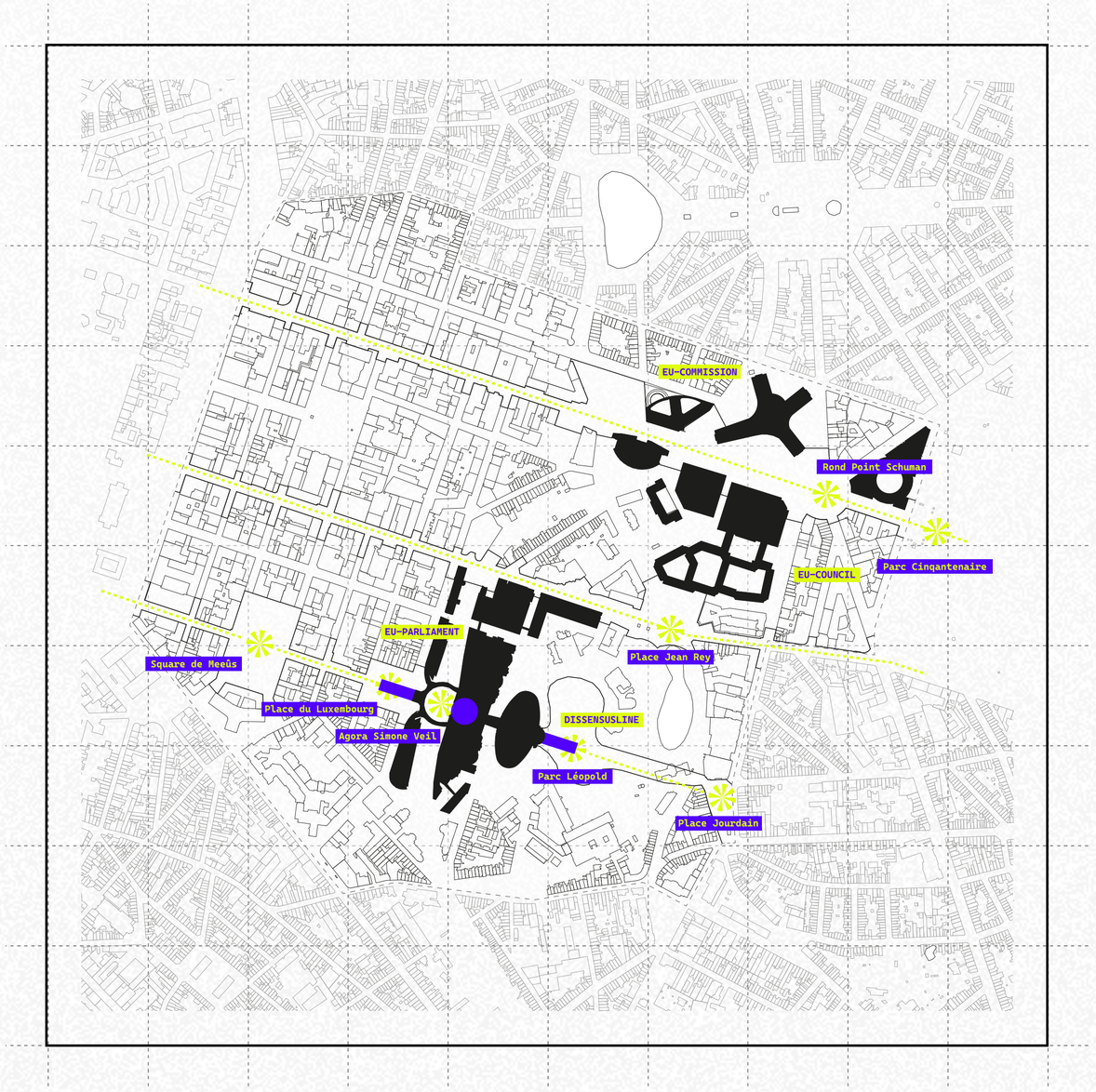
DESIGN



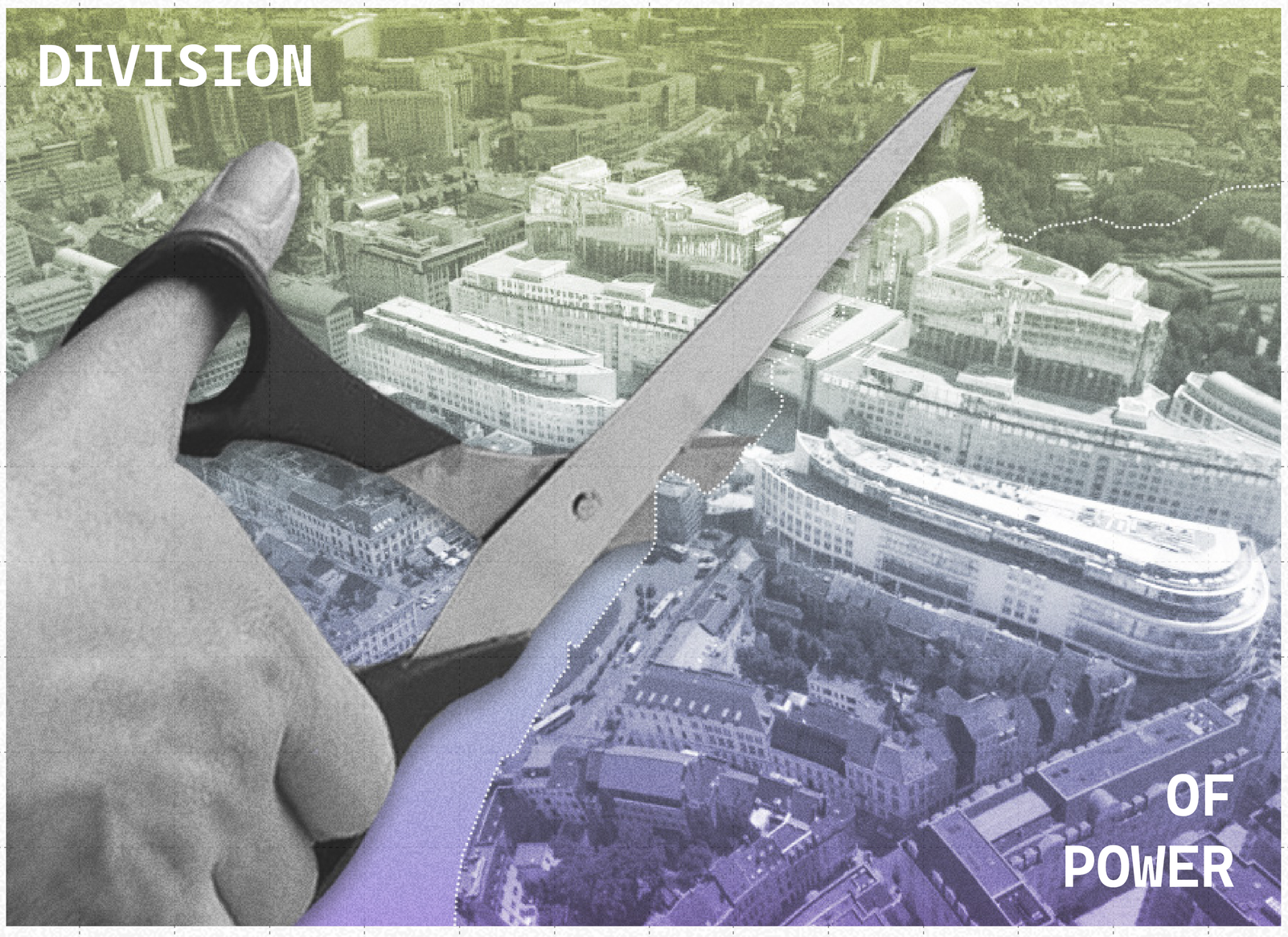

**– Brussels Capital Region –**



Dissensusline


EU-COMMISSION
Rond Point Schuman
EU-COUNCIL
Parc Cinqantenaire
EU-PARLIAMENT
Place Jean Rey
Square de Meeûs
Place du Luxembourg
DISSENSUSLINE
Agora Simone Veil
Parc Léopold
Place Jourdain

# – EU quarter –




Dissensusline




– Passage du Nord –

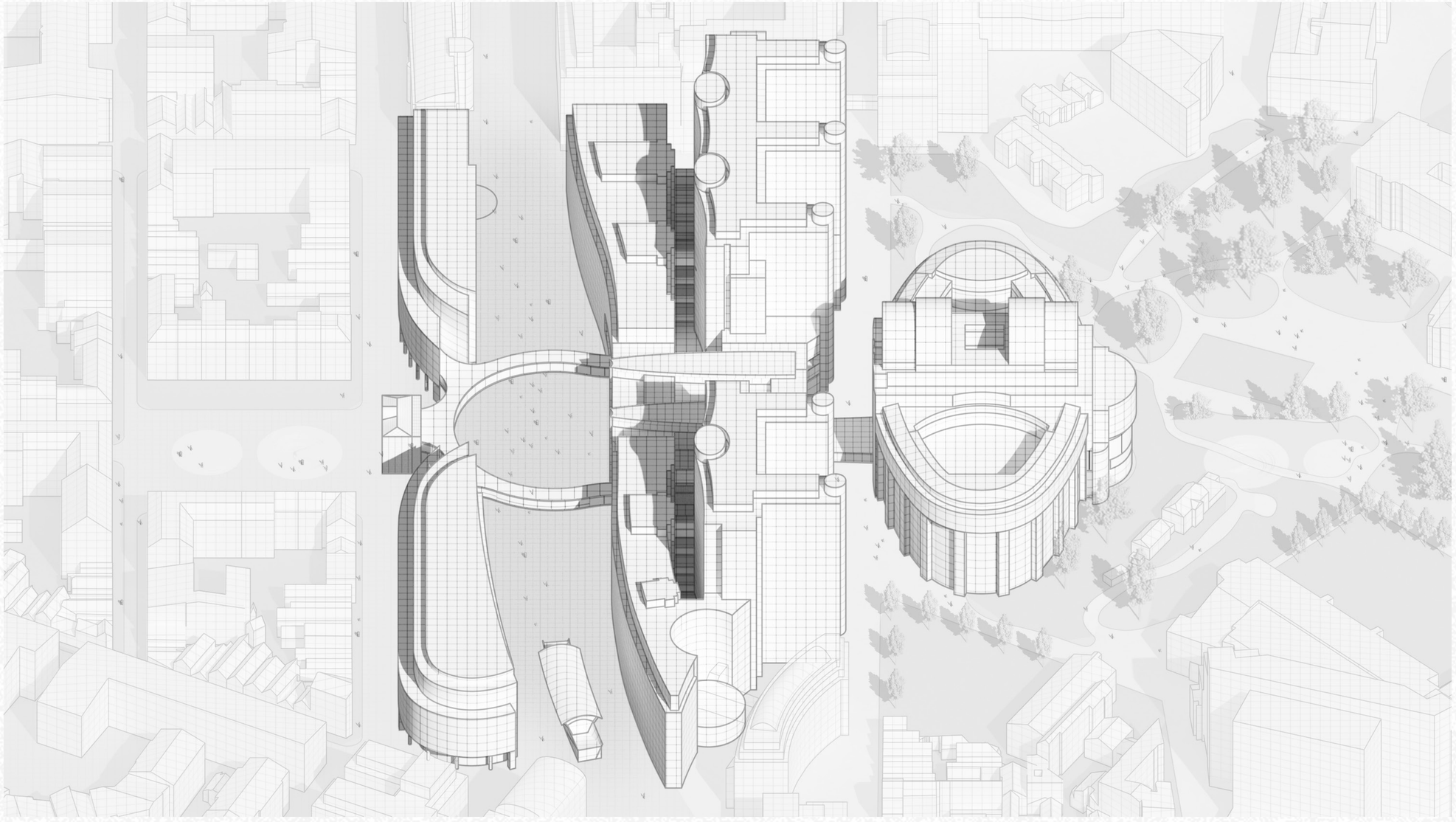


– Galeries Royales Saint-Hubert –



– Galerie Ravenstein –

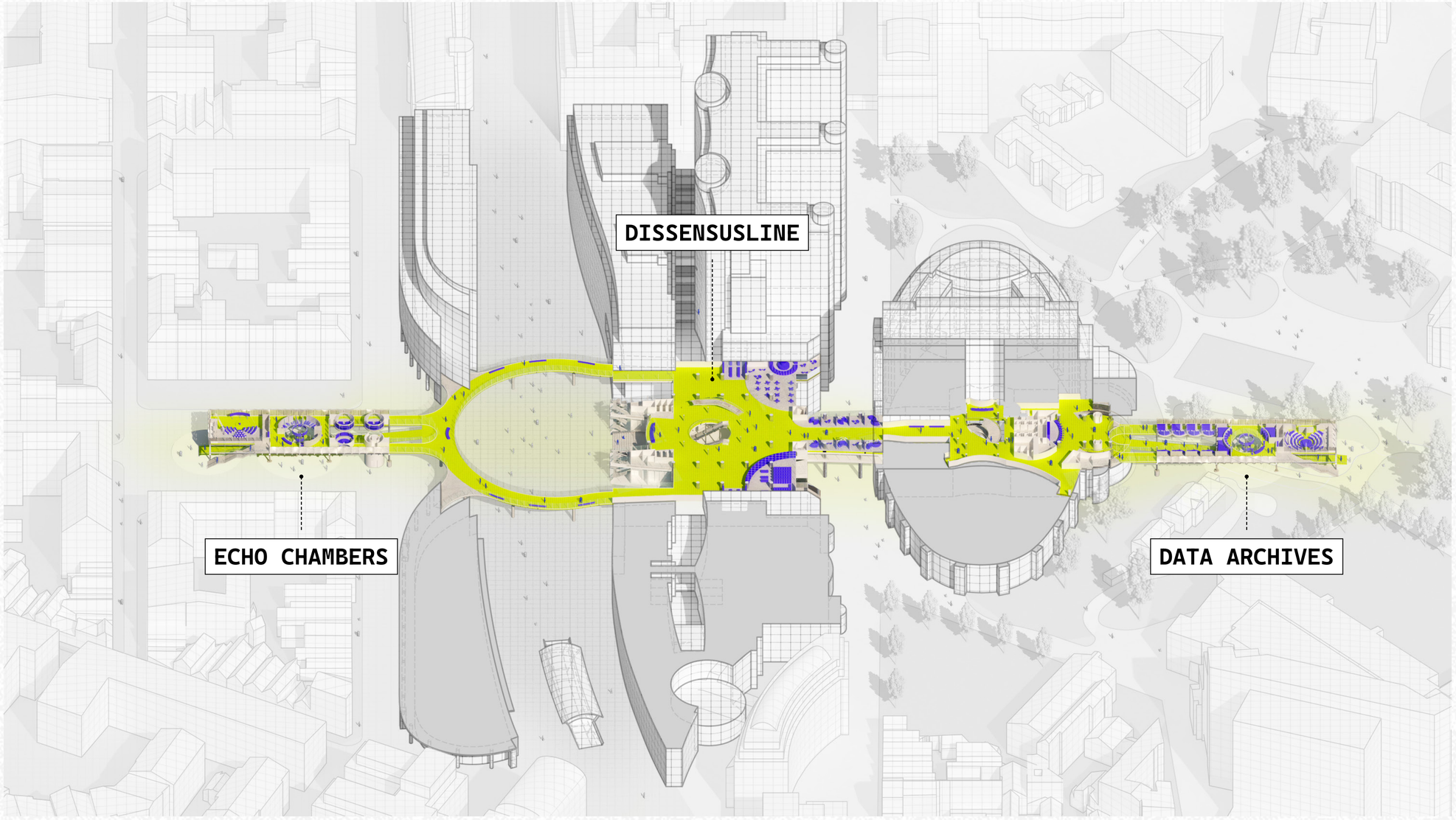
Dissensusline



**– Overview Dissensusline –**



Dissensusline




– Overview Dissensusline –

Dissensusline



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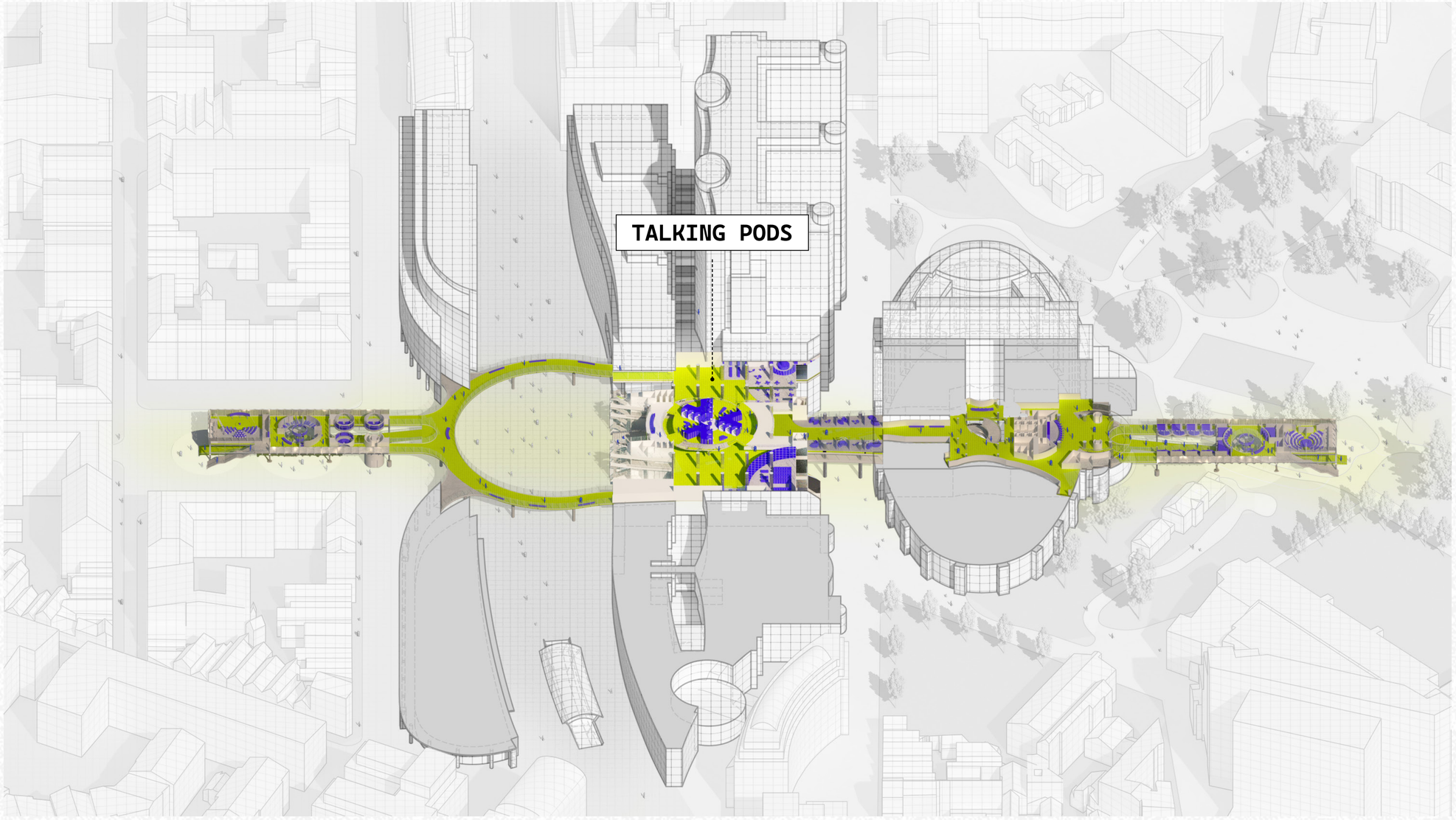
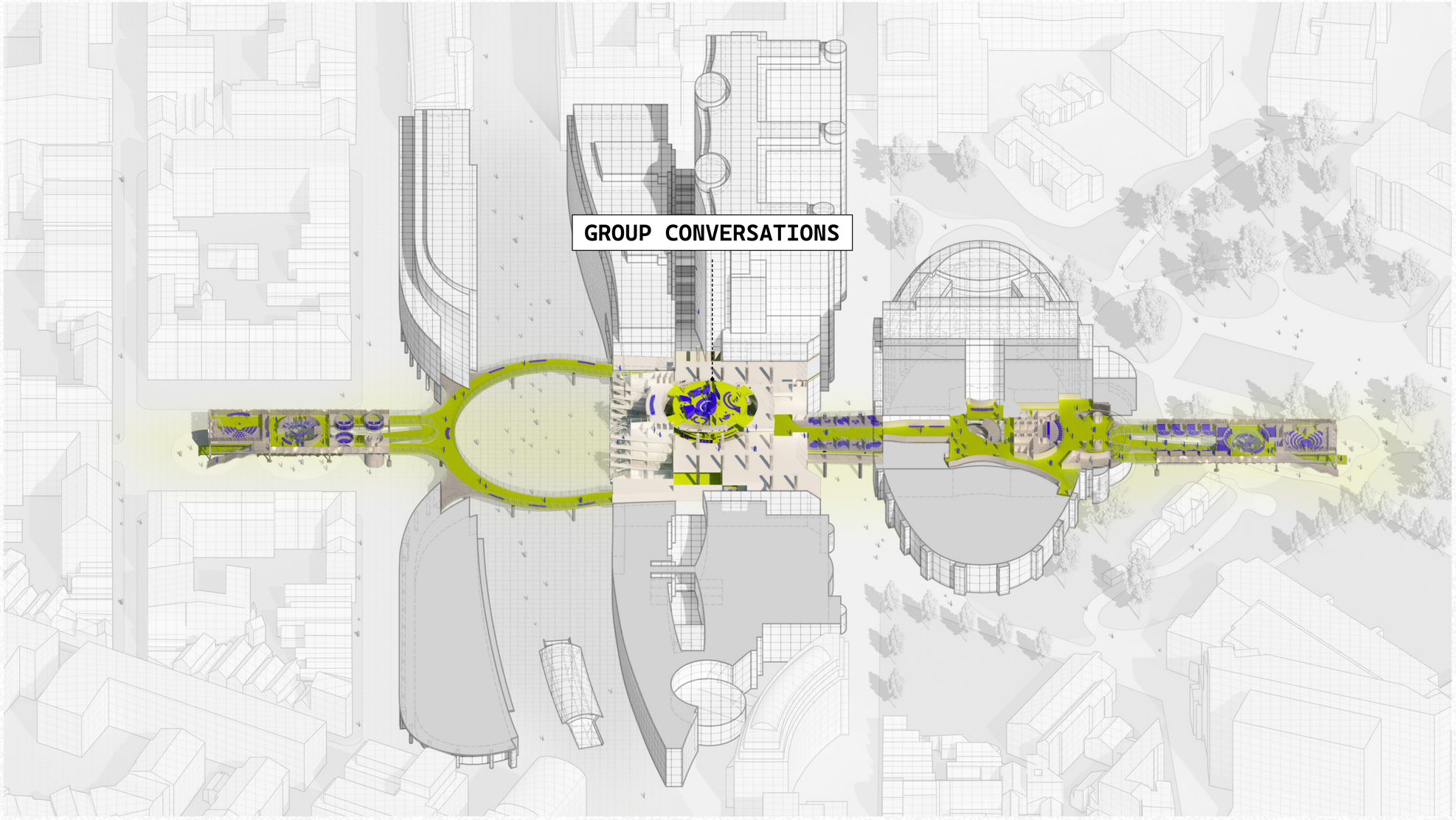
20.01.2023
Dominik Stoschek
5234379



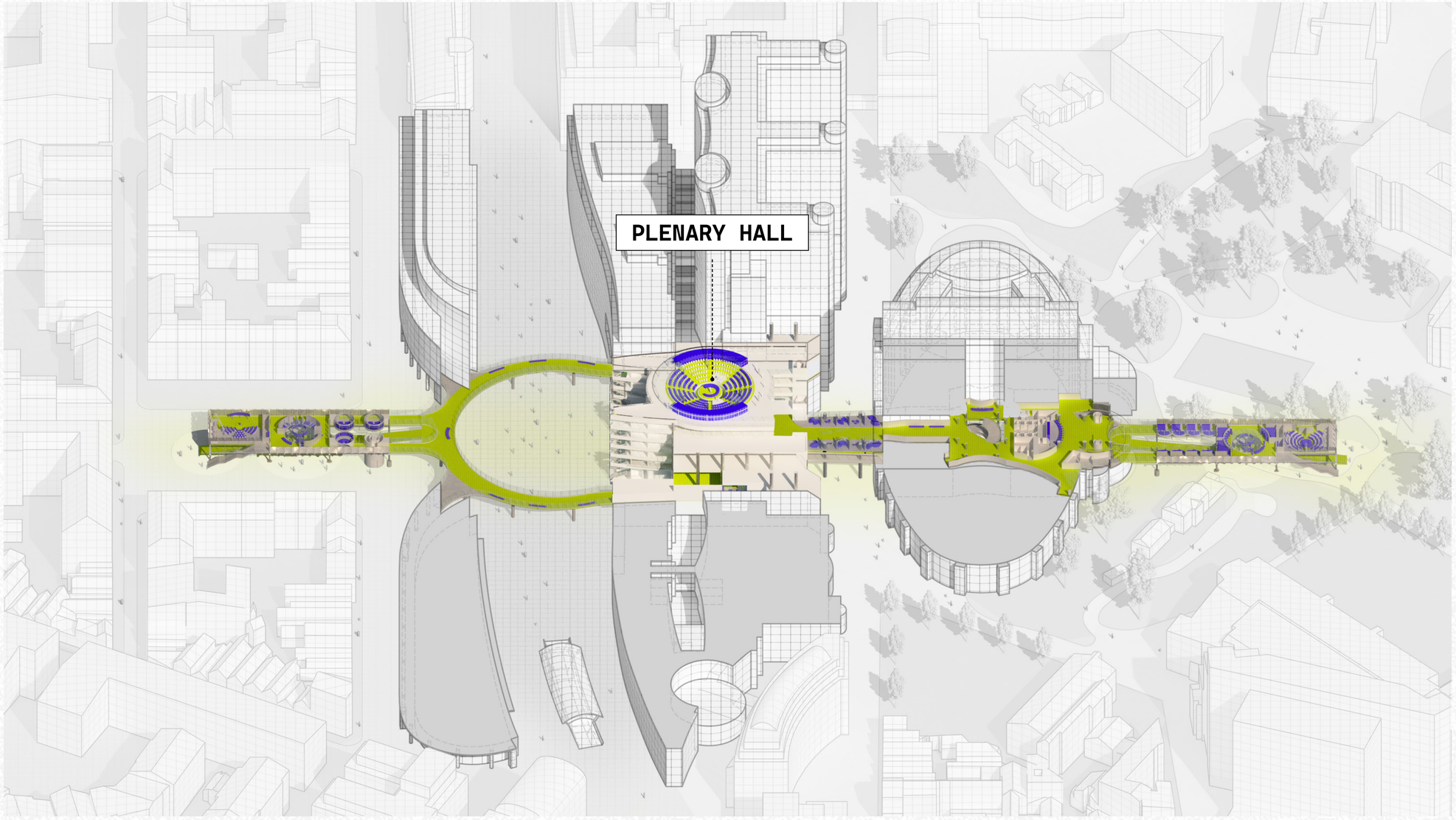

– Overview Dissensusline –

Dissensusline




**– Overview Dissensusline –**

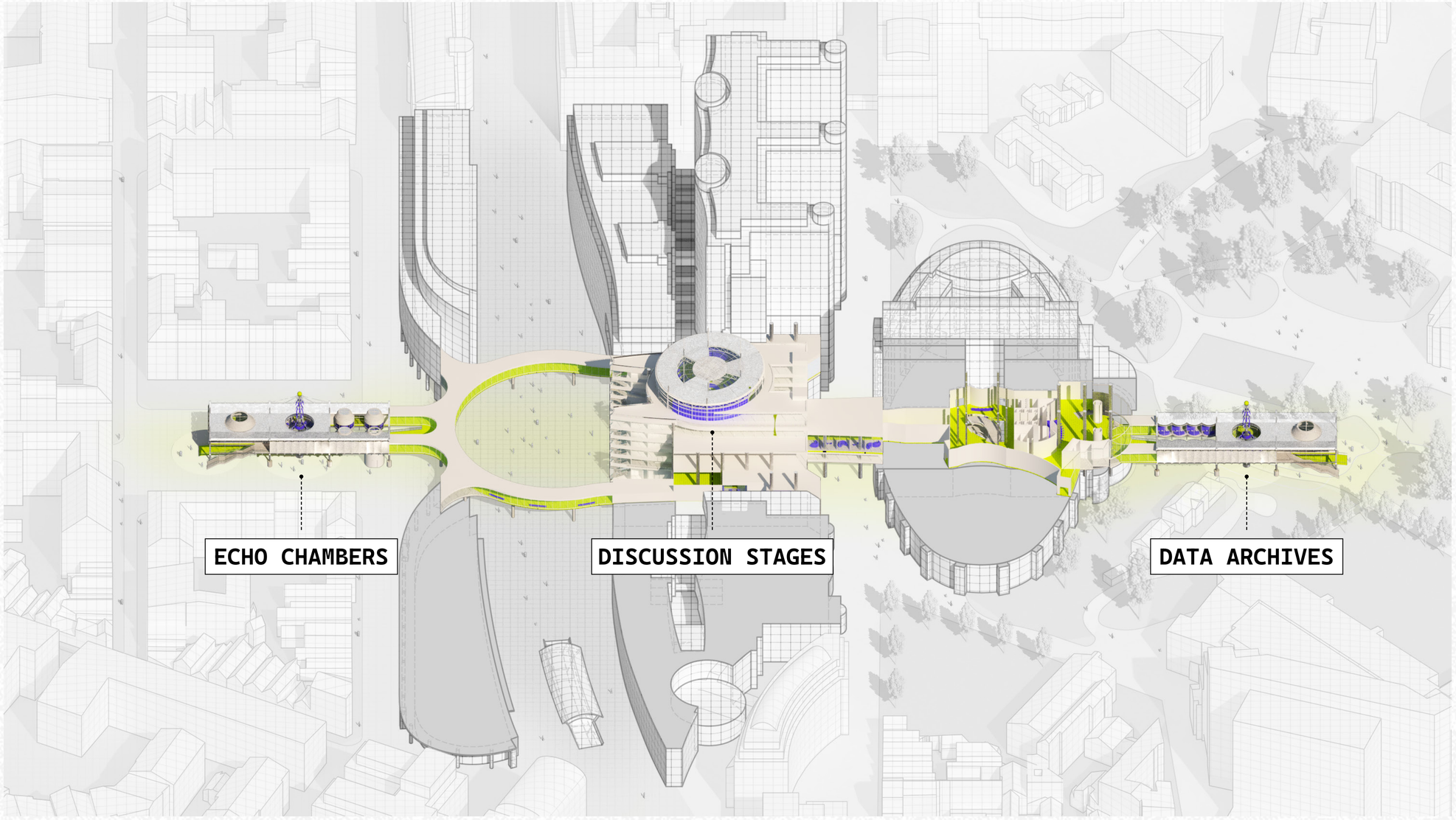
Dissensusline




– Overview Dissensusline –

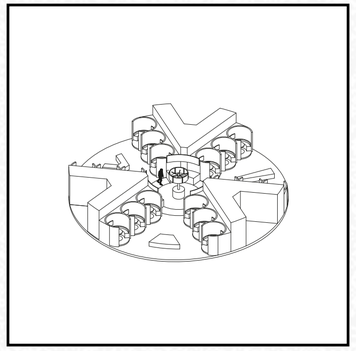


Dissensusline

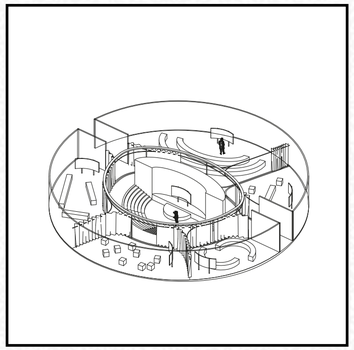



– Overview Dissensusline –

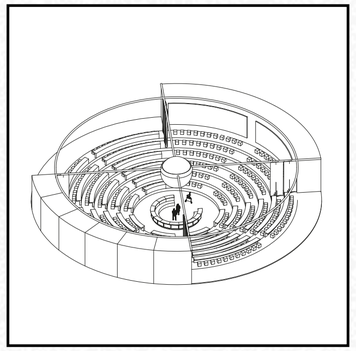
Dissensusline



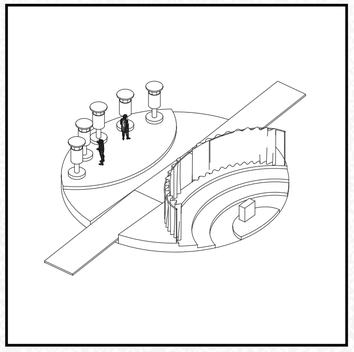
– Face–to–face talking pods –



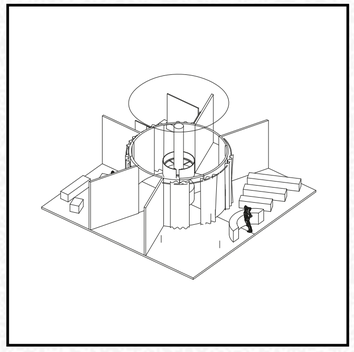
– Group conversation spaces –



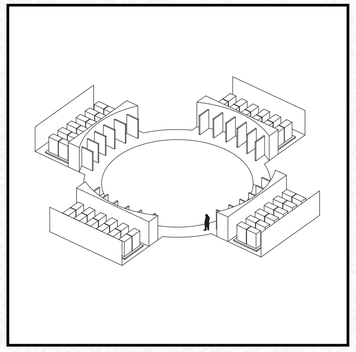
– Plenary hall / Broadcasting studio –



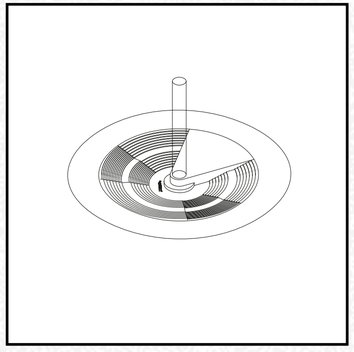
– Introduction / Log–in zone –



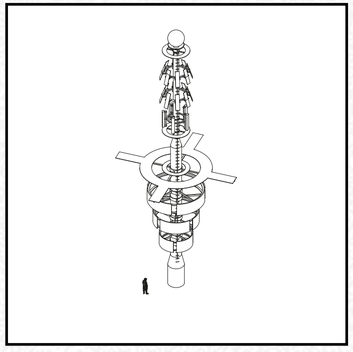
– Knowledge rooms –



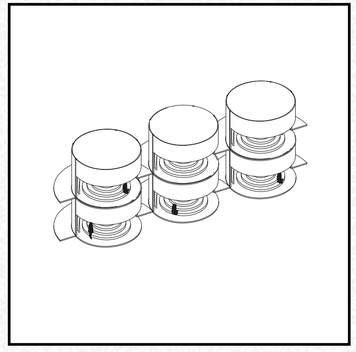
– Data collection and archival points –



– Public agora –



– Broadcasting tower –

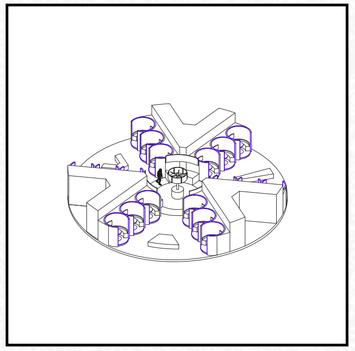


– Echo chambers –

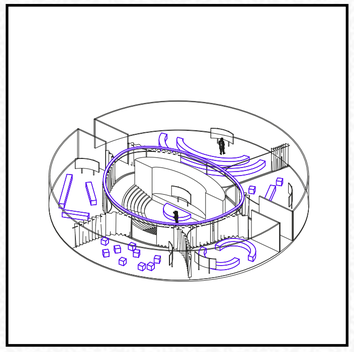
## ASSEMBLY SPACES

**– Catalogue of assembly and information spaces –**

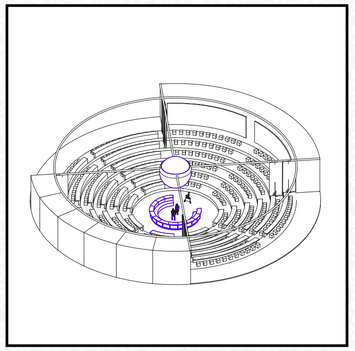
Dissensusline



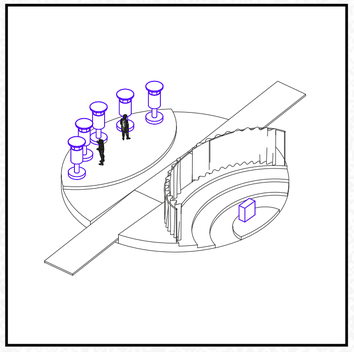
- Face-to-face talking pods -



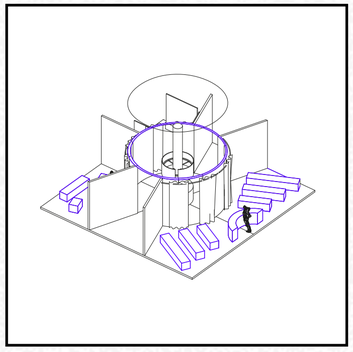
- Group conversation spaces -



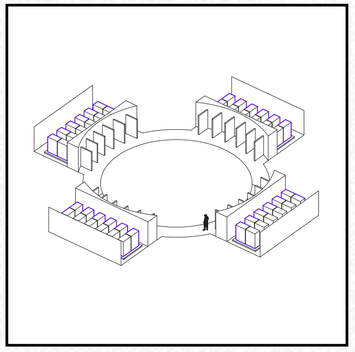
- Plenary hall / Broadcasting studio -



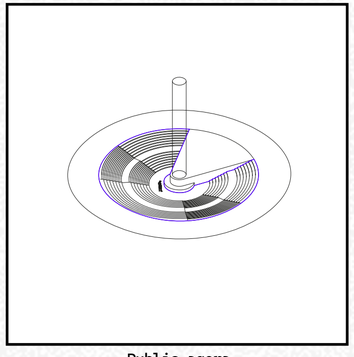
- Introduction / Log-in zone -



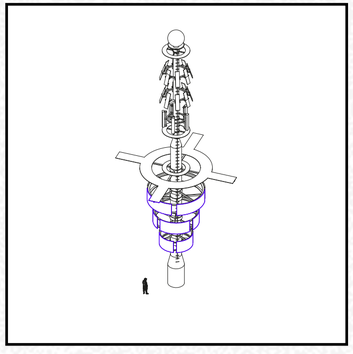
- Knowledge rooms -



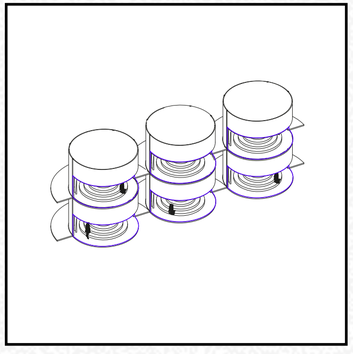
- Data collection and archival points -



- Public agora -



- Broadcasting tower -



- Echo chambers -

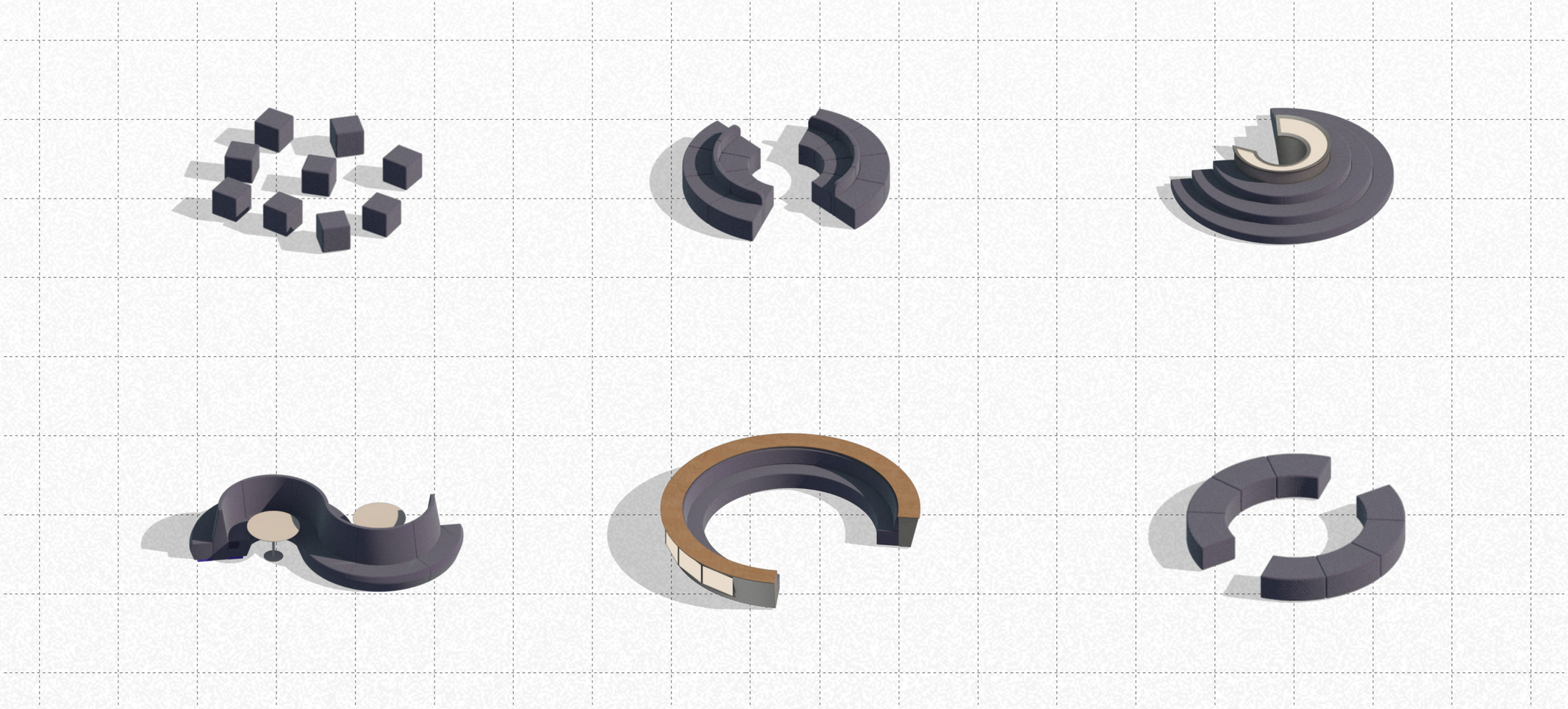
**CONFRONTATIONAL INTERIOR**

↕

**ASSEMBLY SPACES**

**- Catalogue of assembly and information spaces -**

★ Dissensusline ★

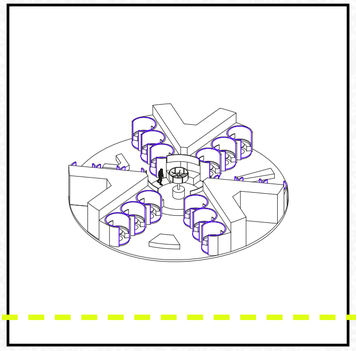


## – Confrontational interiors –

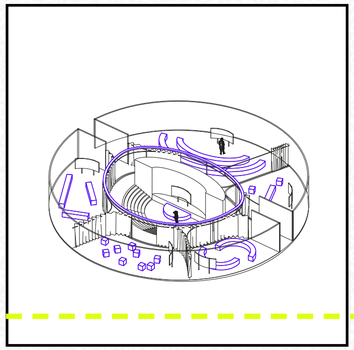


Dissensusline

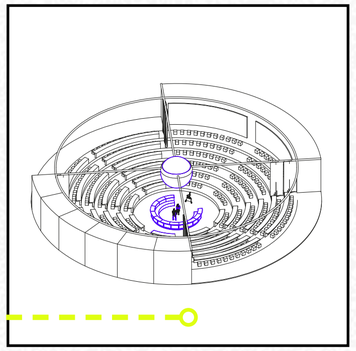
Dissensusline



– Face–to–face talking pods –

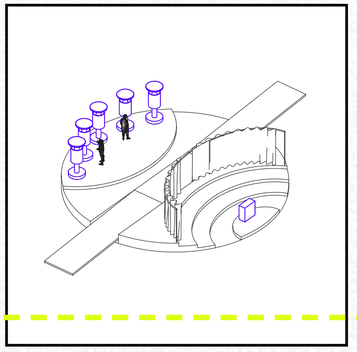


– Group conversation spaces –

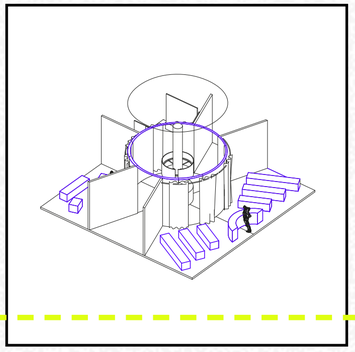


– Plenary hall / Broadcasting studio –

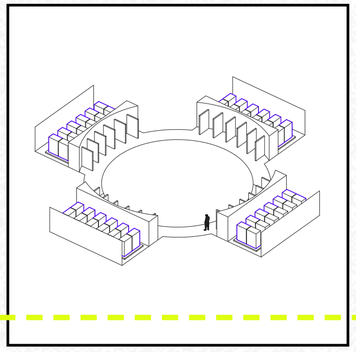
**CONFRONTATIONAL INTERIOR**



– Introduction / Log–in zone –

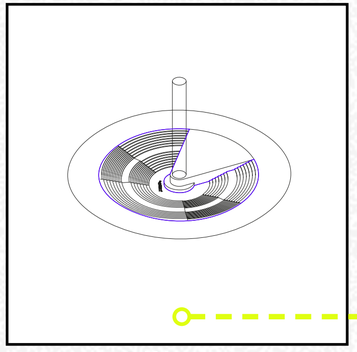


– Knowledge rooms –

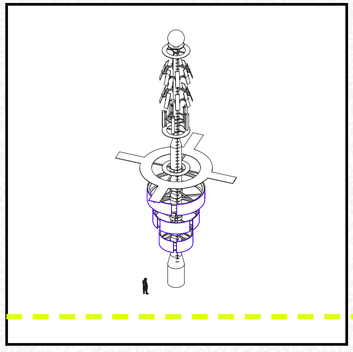


– Data collection and archival points –

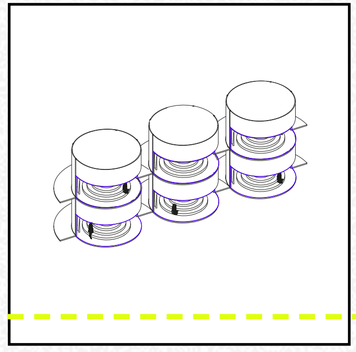
**ASSEMBLY SPACES**



– Public agora –



– Broadcasting tower –



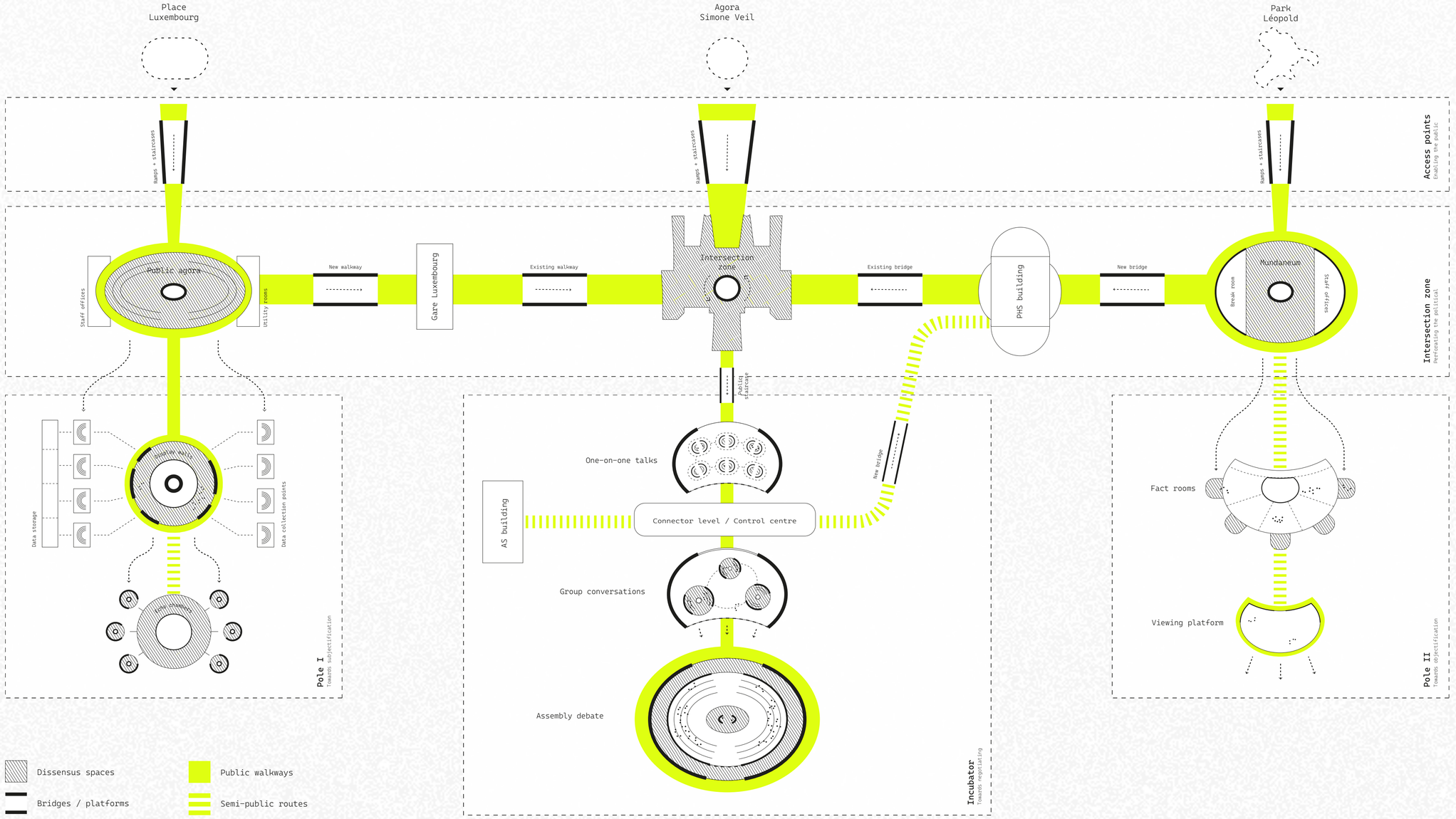
– Echo chambers –

**INSTITUTIONALIZED PROCESS**

**– Catalogue of assembly and information spaces –**

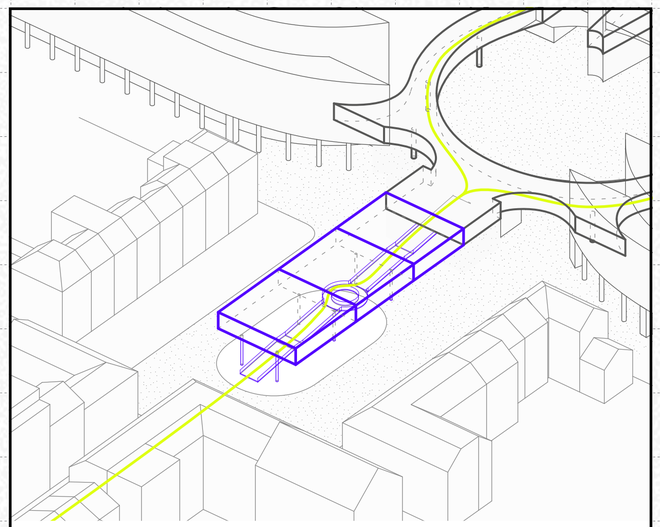
Dissensusline

Dissensusline



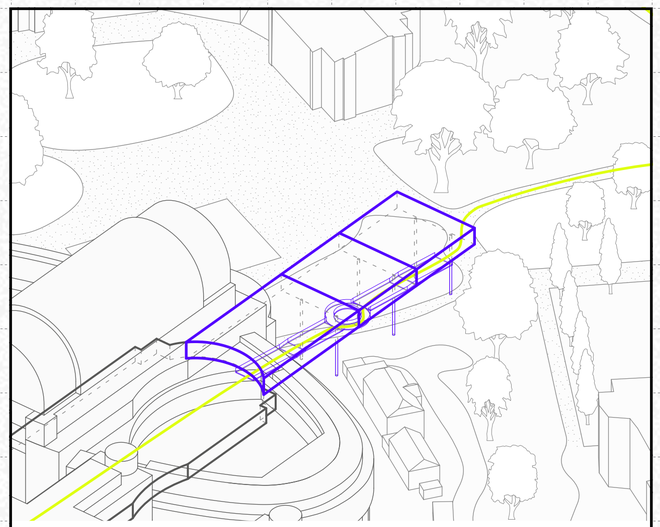

Dissensusline

# – Spatial sequences –



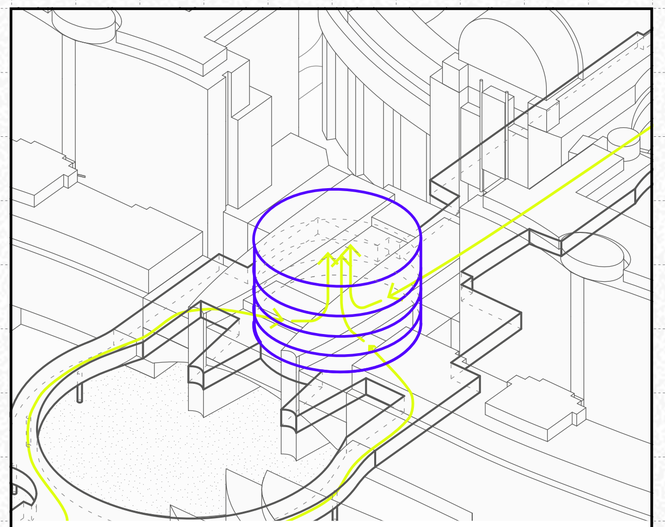
## ECHO CHAMBERS

Towards subjectification



## DATA ARCHIVES

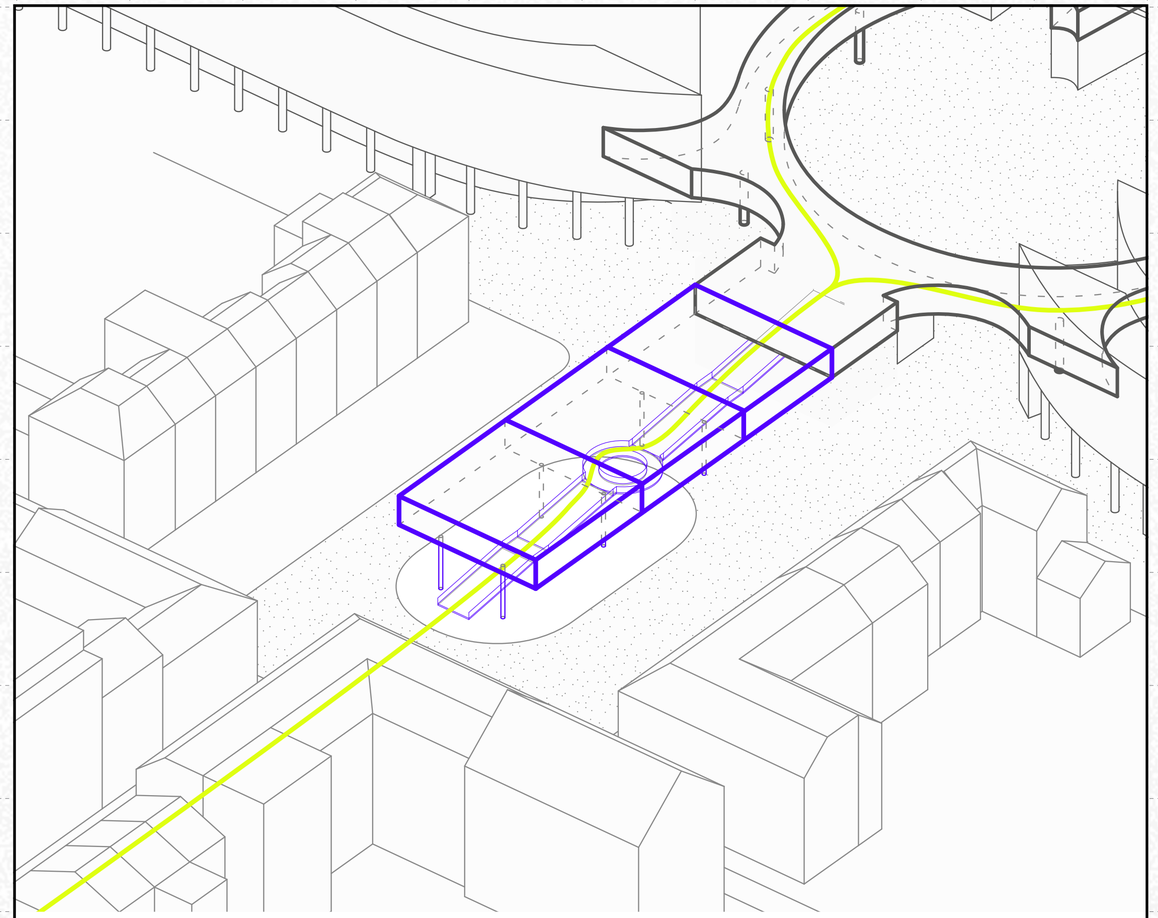
Towards objectification



## DISCUSSION STAGES

Towards negotiating

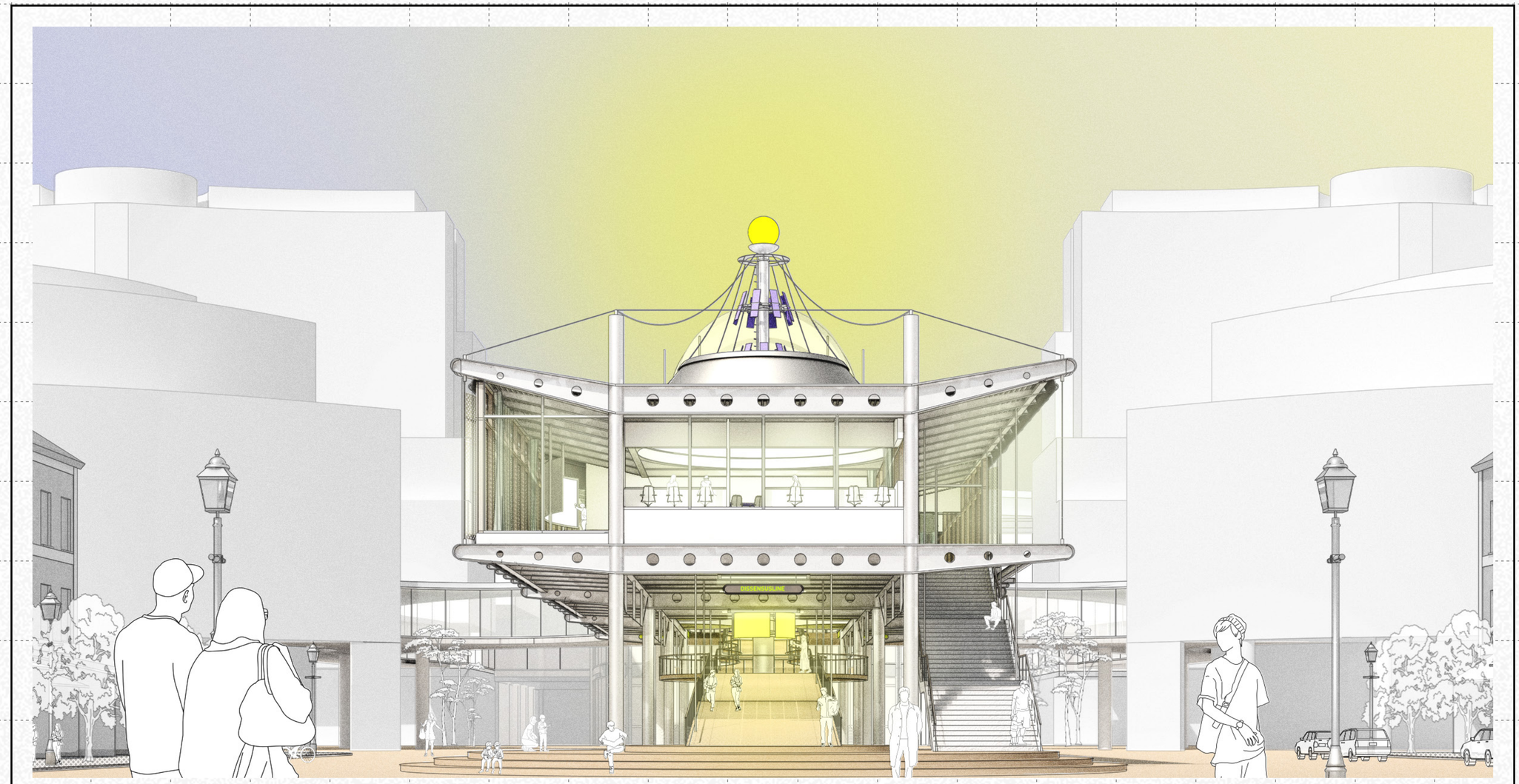
Dissensusline



# ECHO CHAMBERS

## Towards subjectification

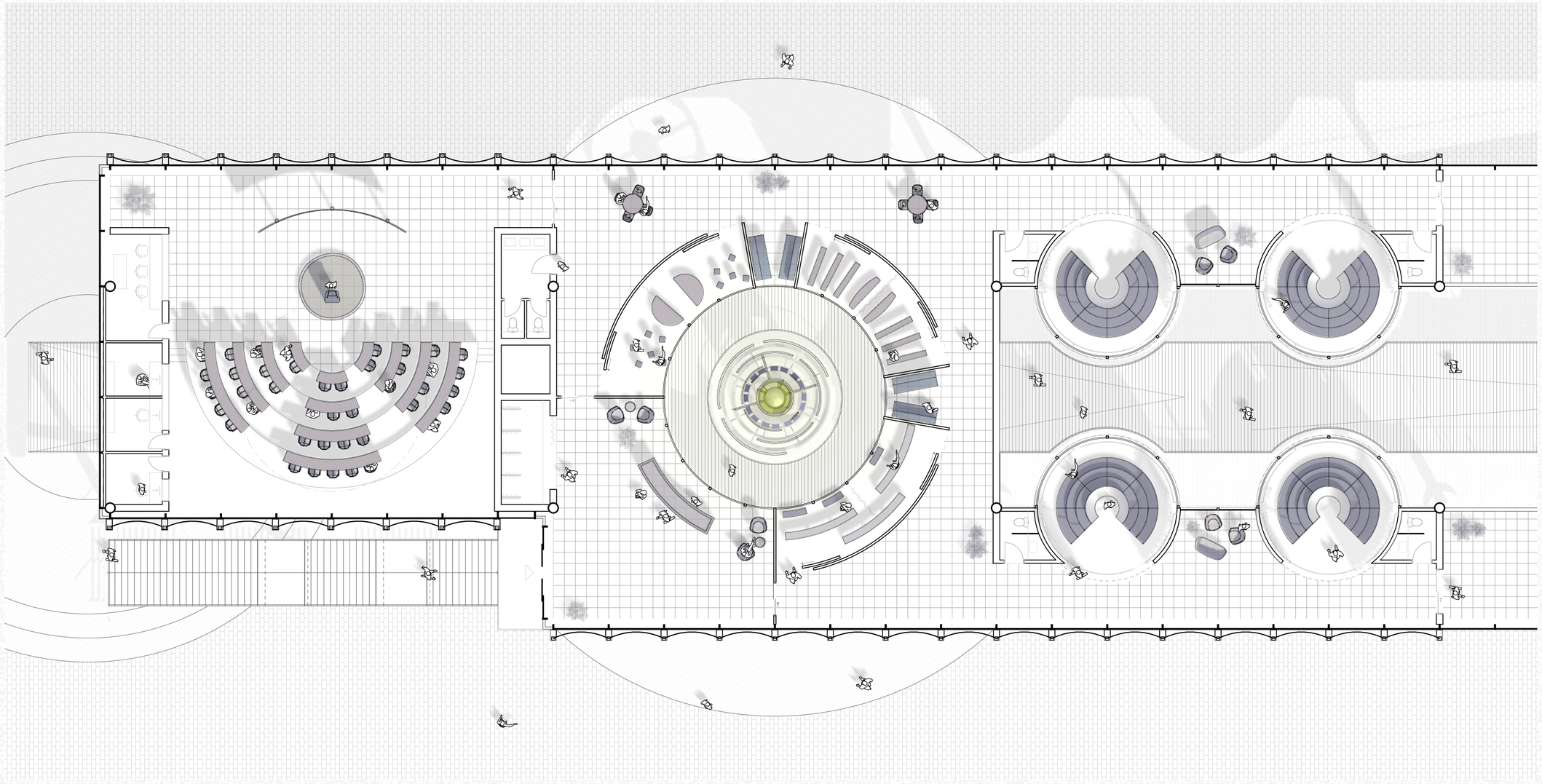
Dissensusline




**– Entrance public passageway –**

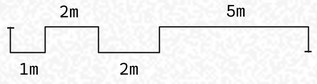


Dissensusline



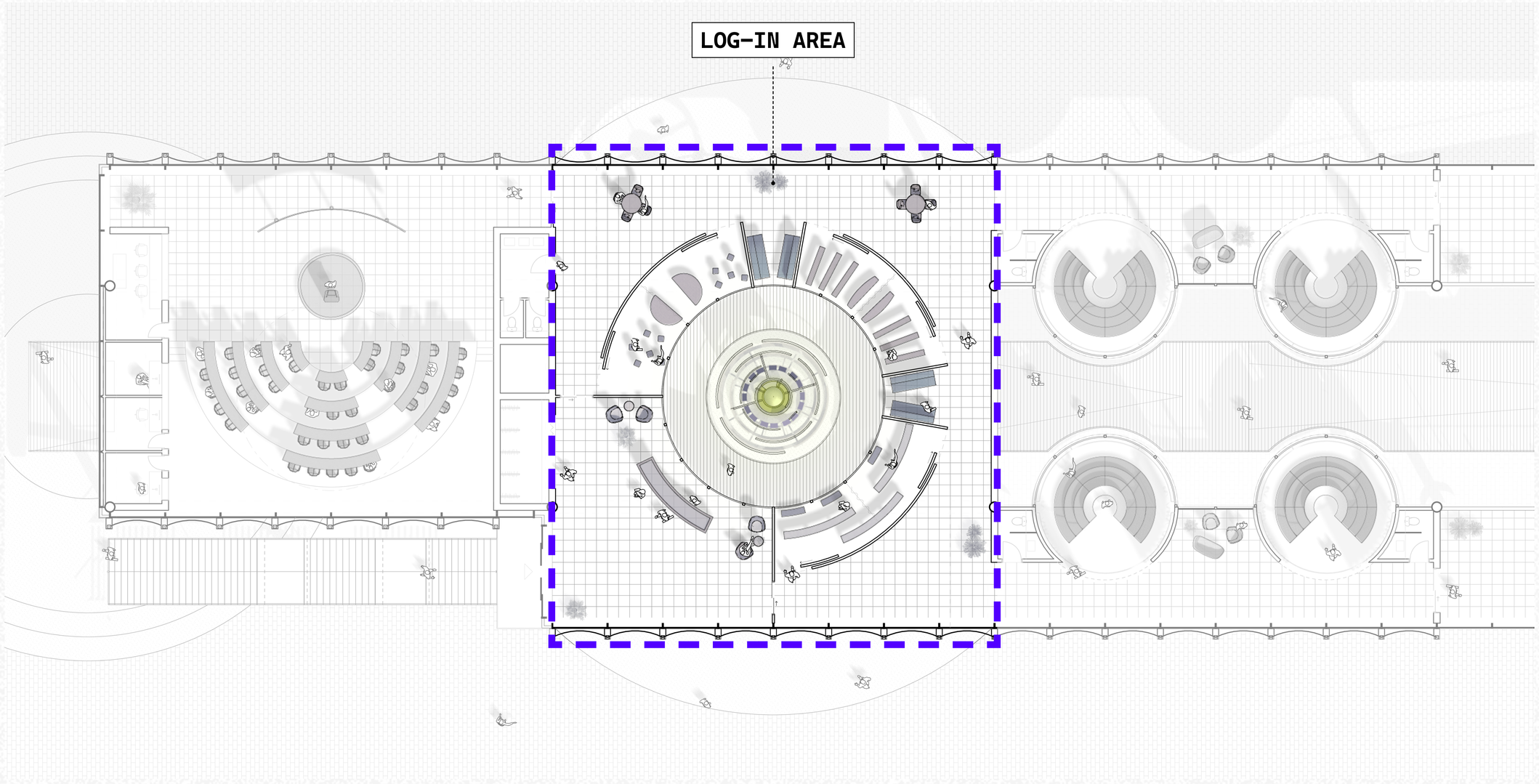
## – Floor plan ECHO CHAMBERS –

1:100






Dissensusline



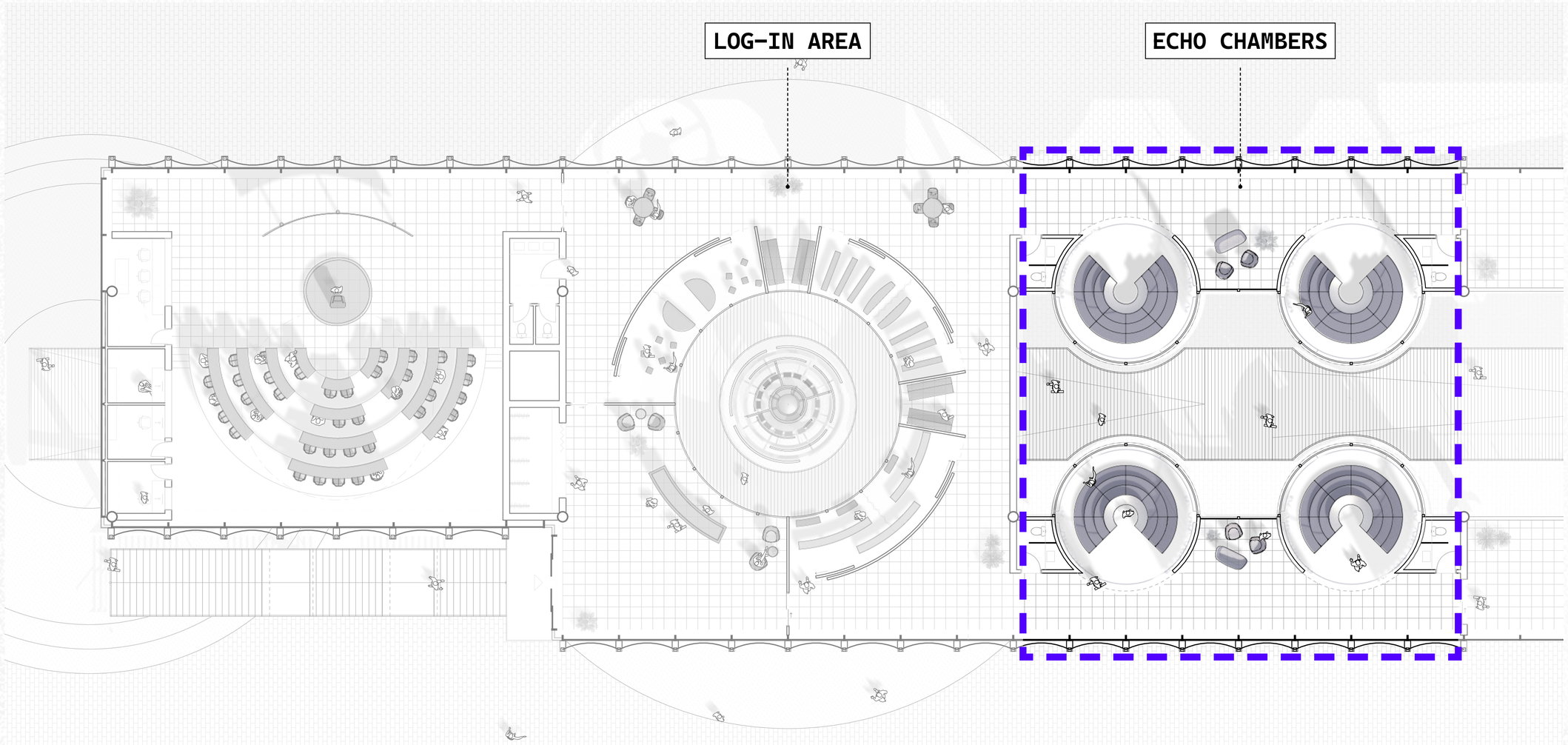

Dissensusline

Dissensusline

## – Floor plan ECHO CHAMBERS –

1:100

2m 5m
1m 2m




Dissensusline

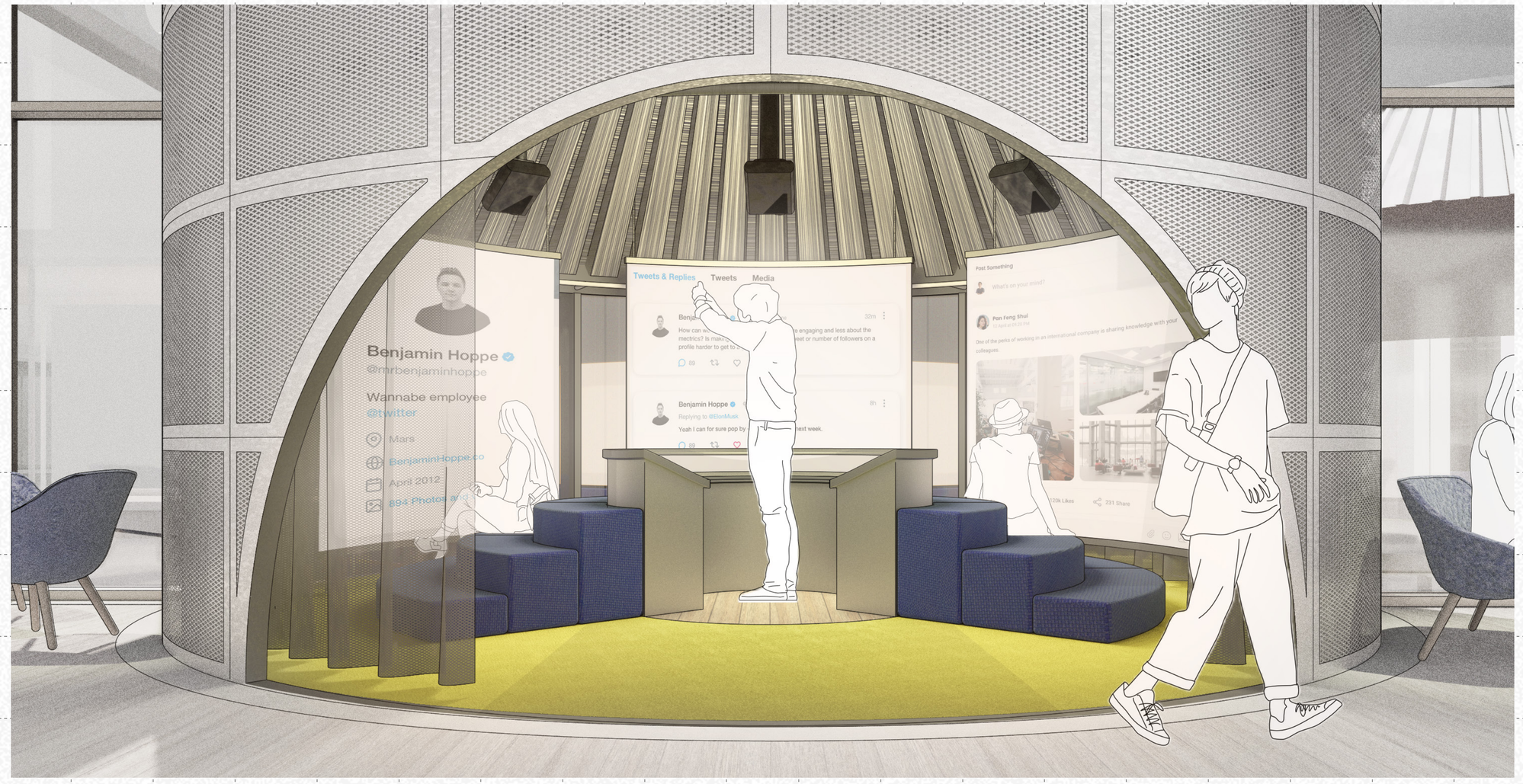
Dissensusline

**– Floor plan ECHO CHAMBERS –**

1:100

2m 5m

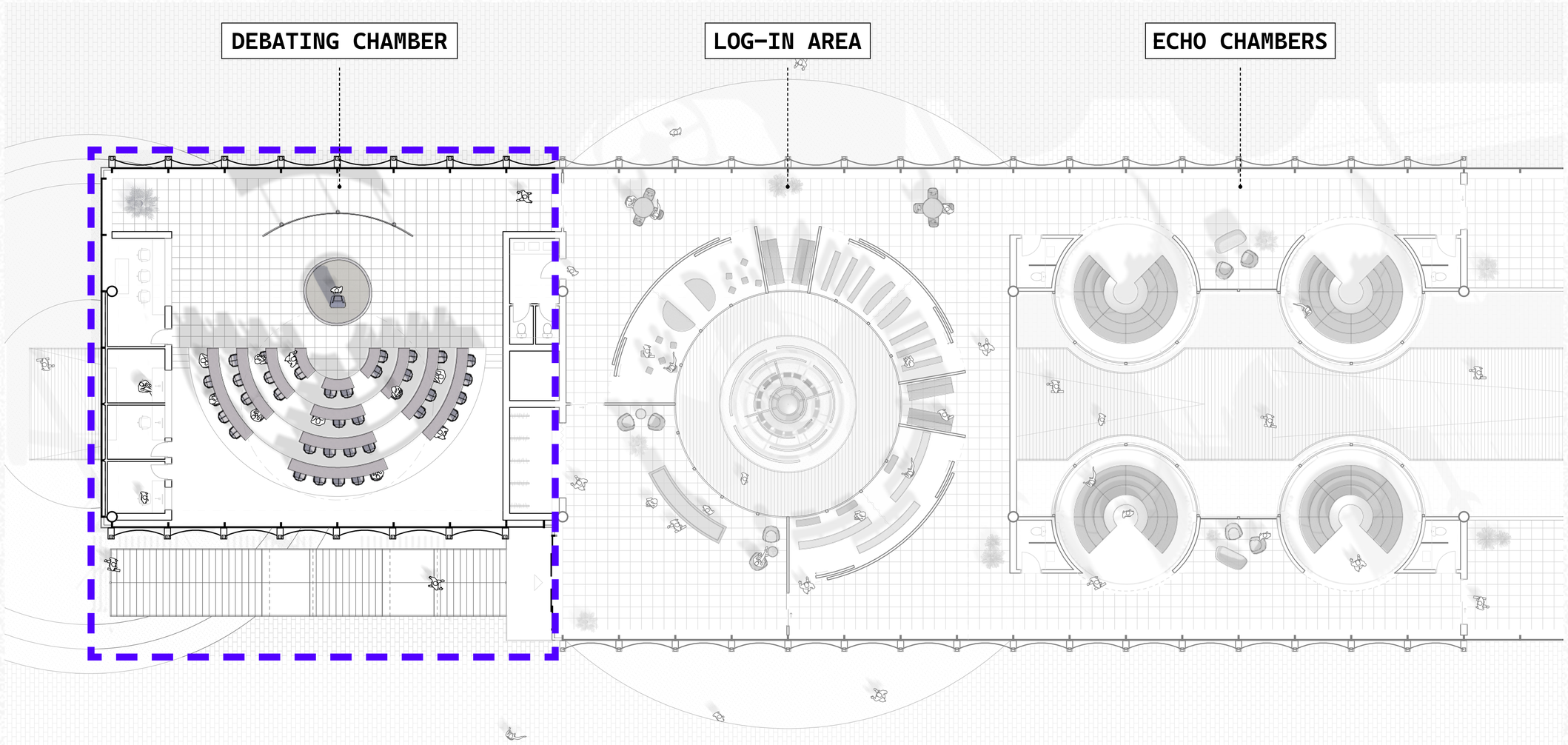
1m 2m




# – Echo chambers –



Dissensusline

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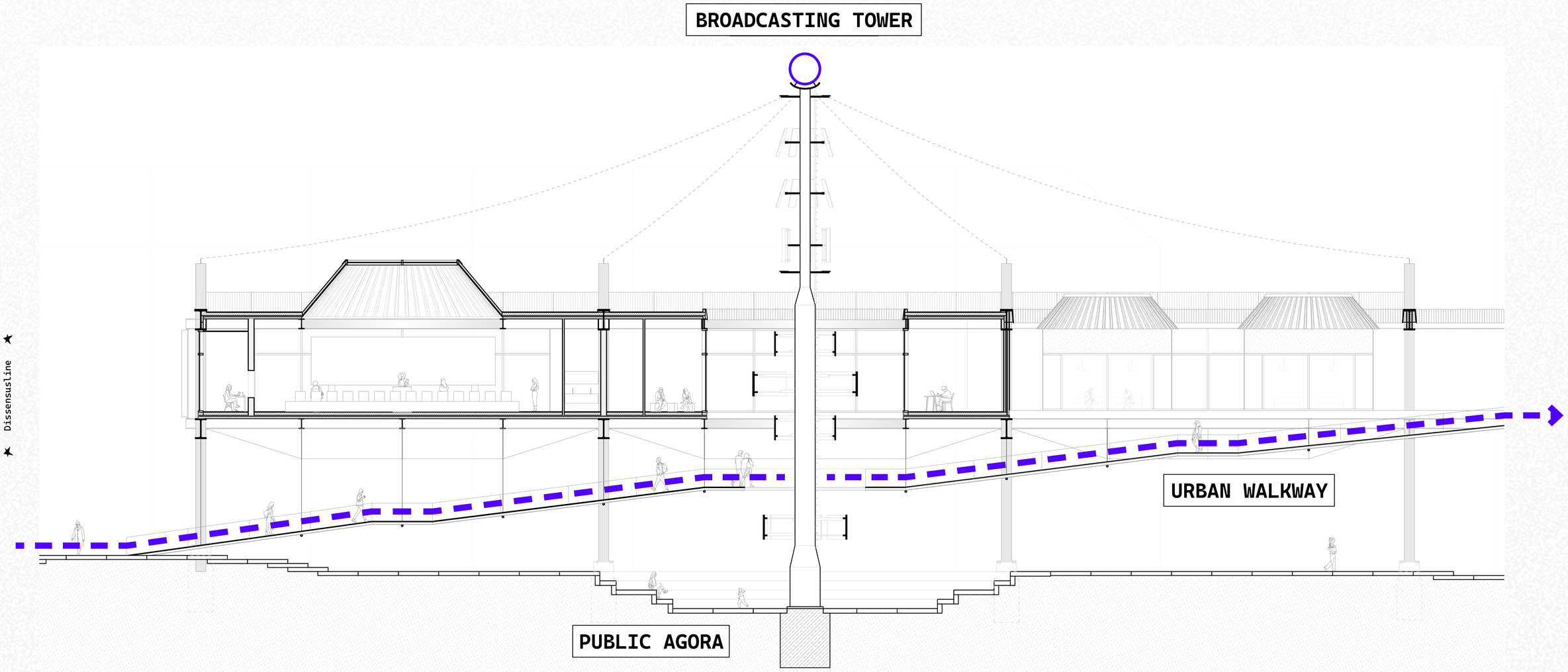
Dissensusline

**– Floor plan ECHO CHAMBERS –**

1:100

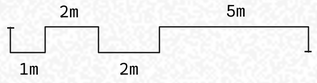
2m 5m

1m 2m




**– Section ECHO CHAMBERS –**

1:100



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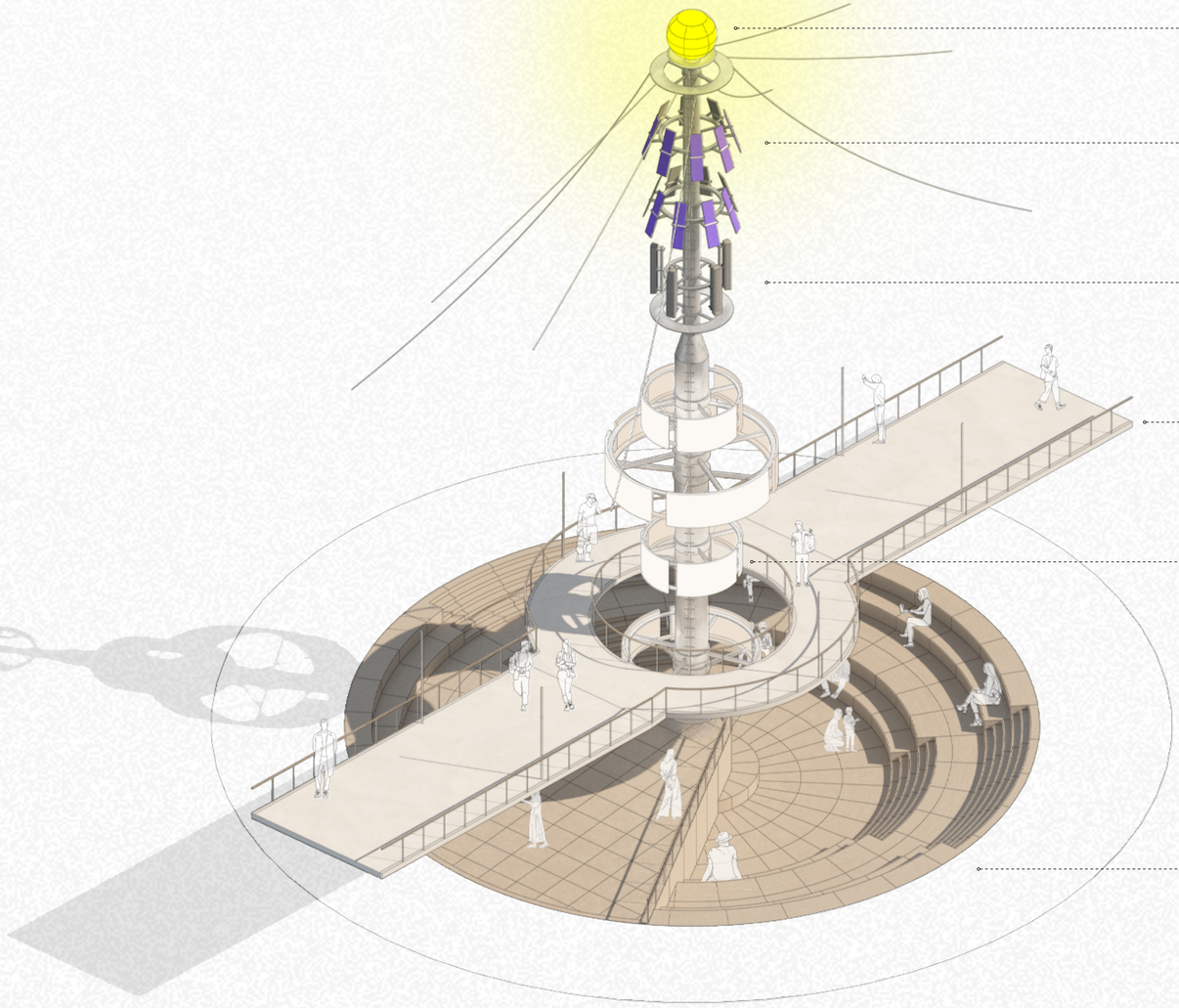
20.01.2023
Dominik Stoschek
5234379



**Indicator sphere**
disseminating important decisions

**Solar panels**
powering the broadcasting tower

**Radio transmitter**
enables powerful wireless connection

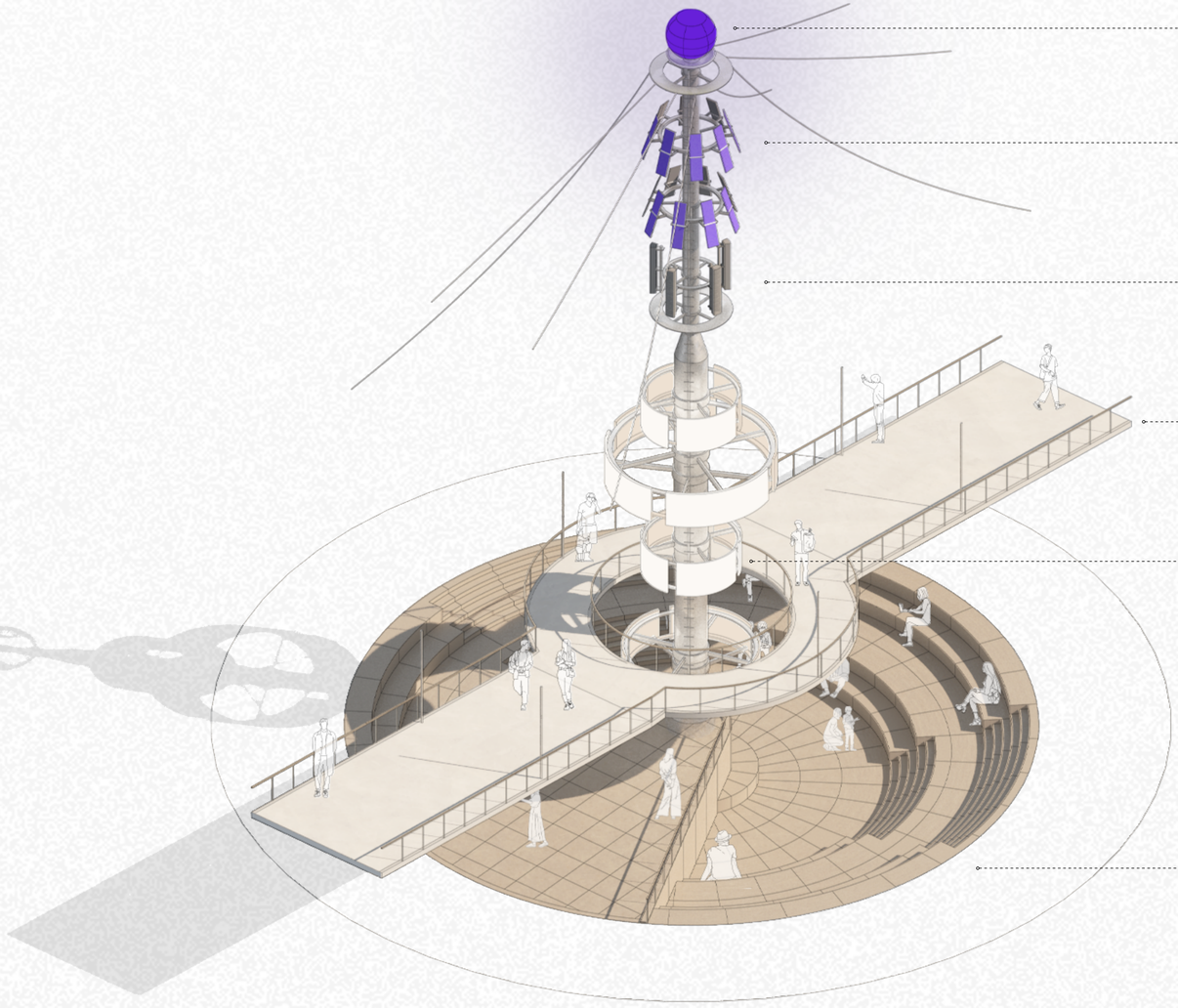
**Public walkway**
connects the upper levels

**Information screens**
displays the news on different stages:
local, EU-wide, global

**Public agora**
offering space for public gatherings

# – Broadcasting tower –

Dissensusline



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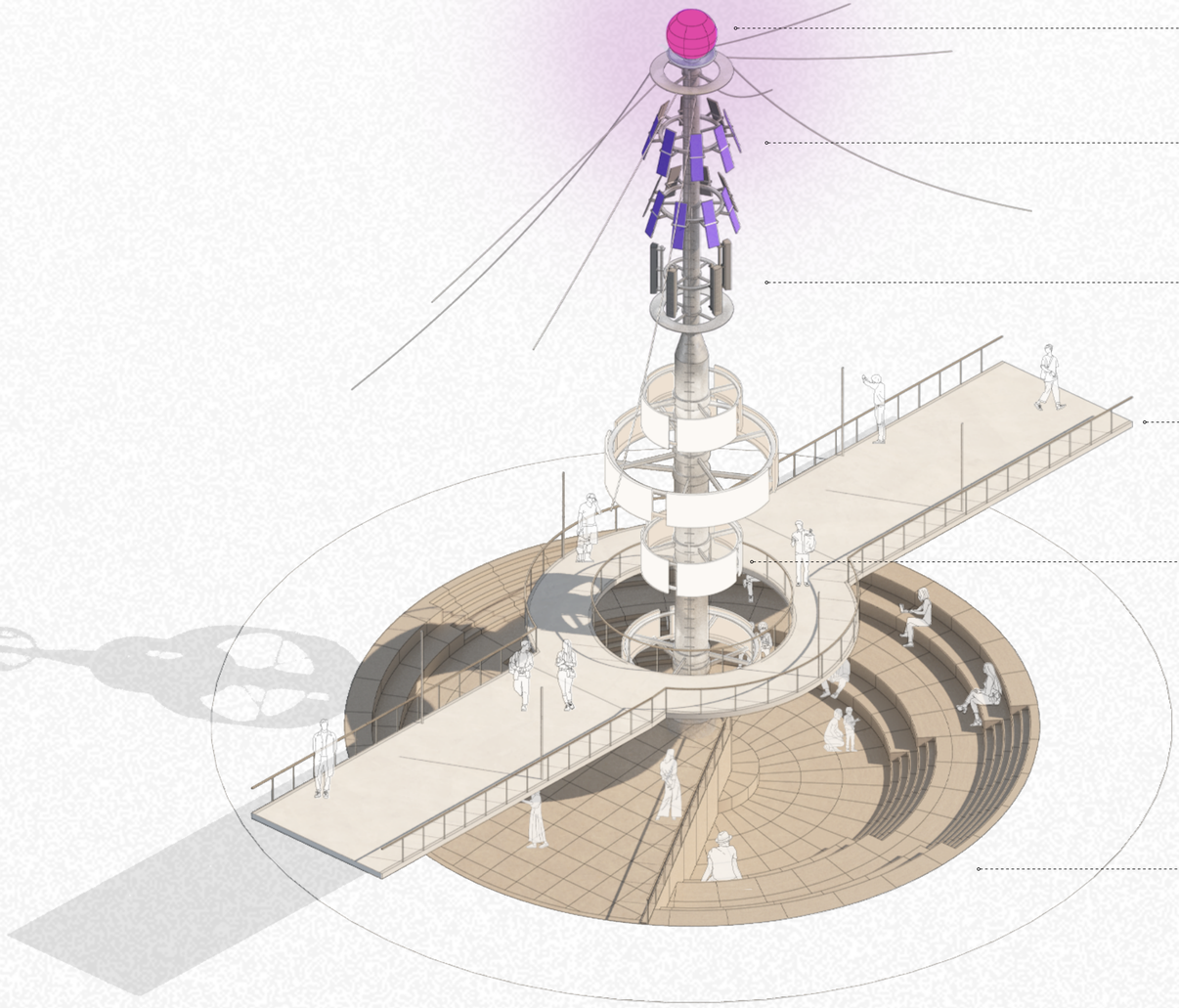
# – Broadcasting tower –



Dissensusline



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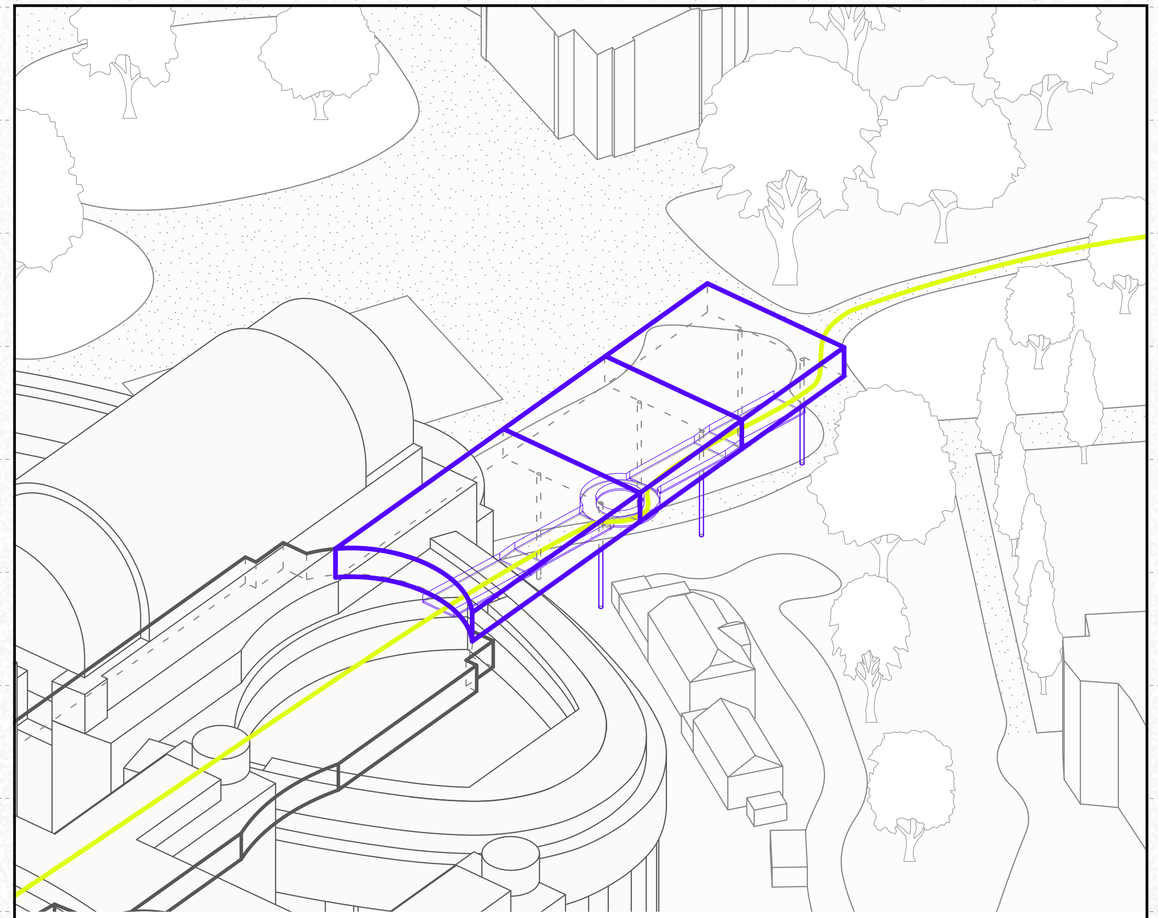
# – Broadcasting tower –



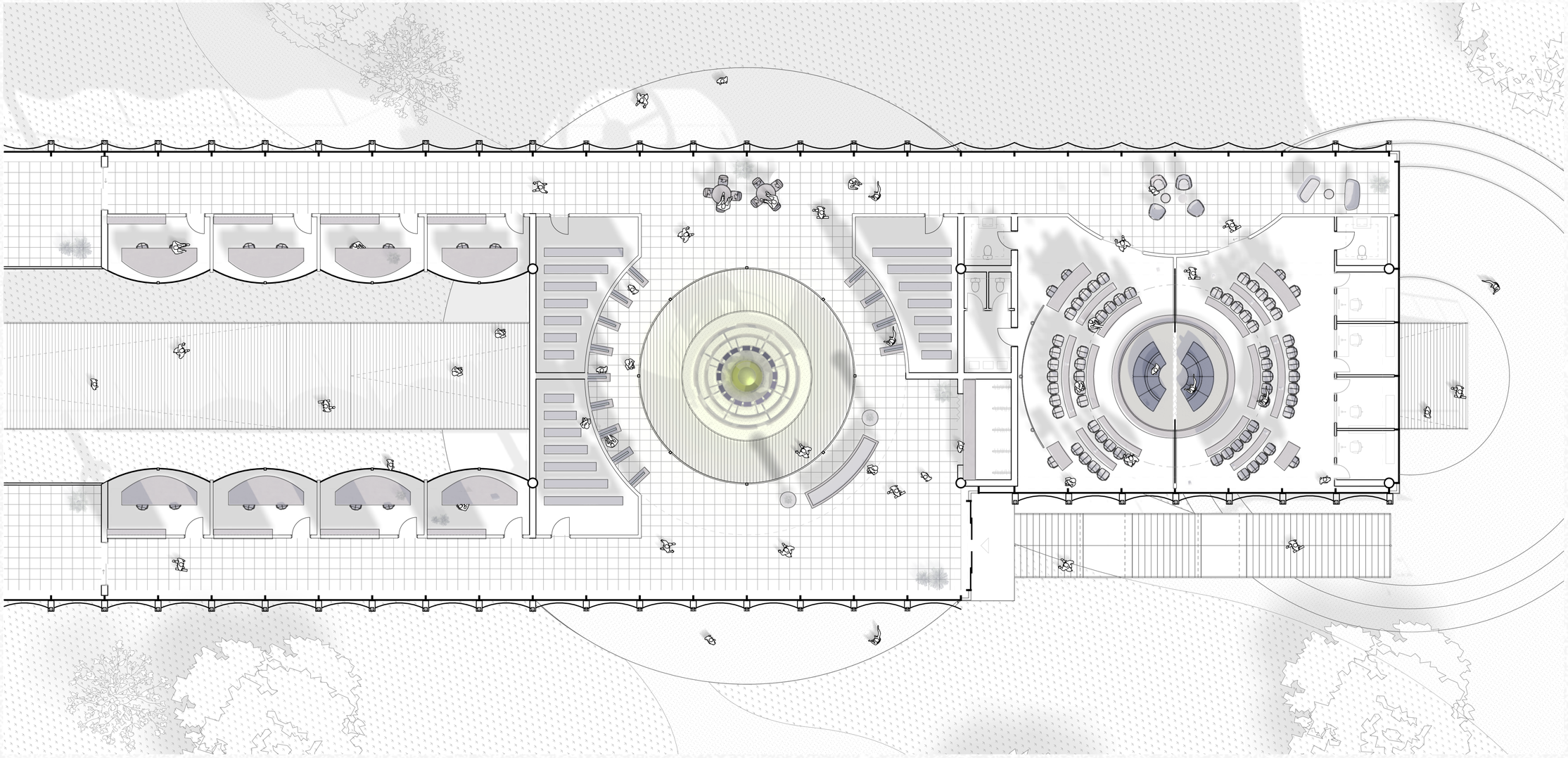
Dissensusline



# DATA ARCHIVES

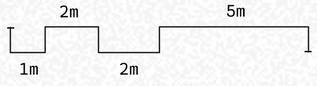
## Towards objectification

Dissensusline



# – Floor plan DATA ARCHIVES –

1:100

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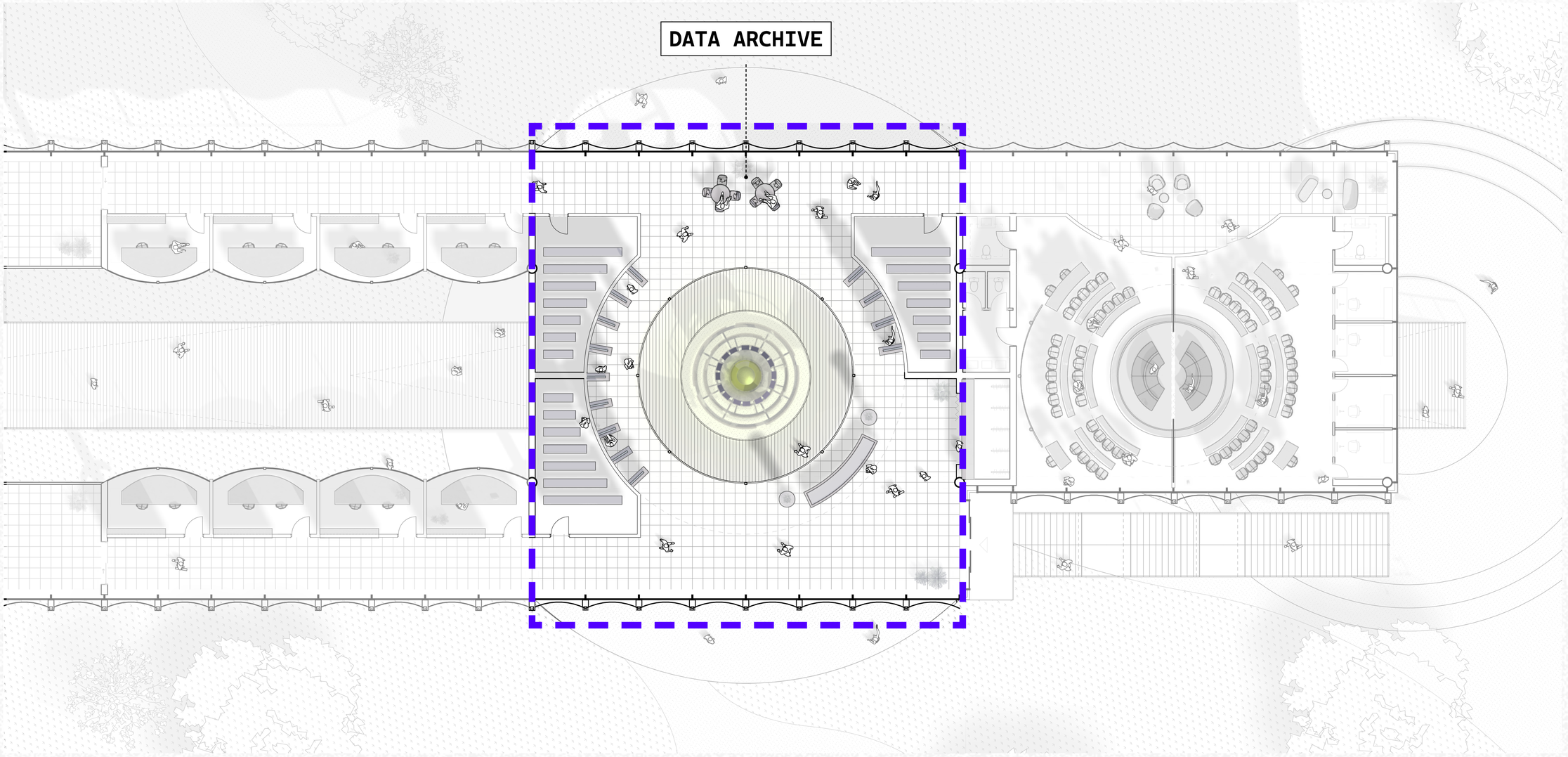
Dissensusline




Dissensusline

Dissensusline

**– Floor plan DATA ARCHIVES –**

1:100

2m 5m

1m 2m



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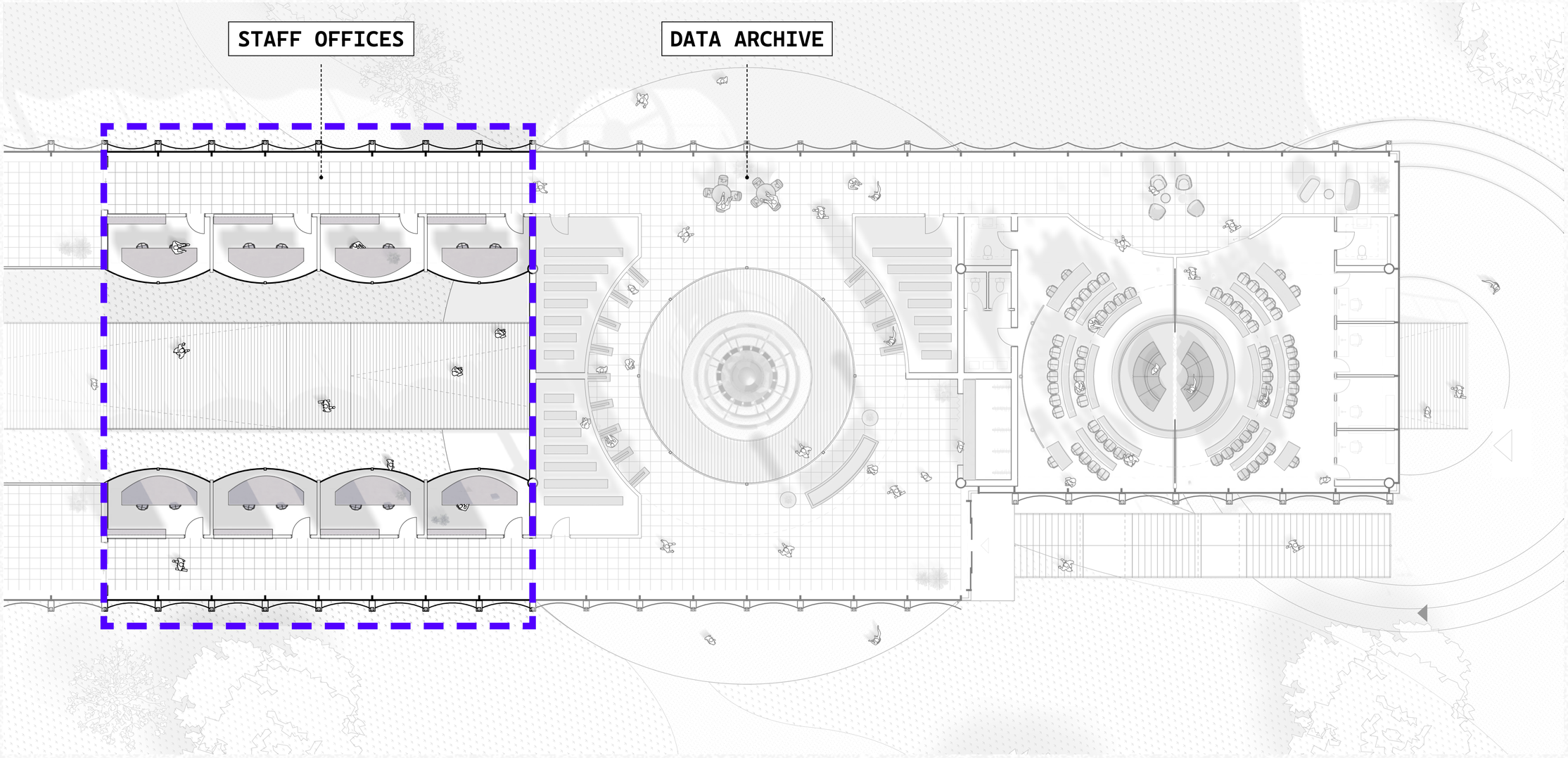


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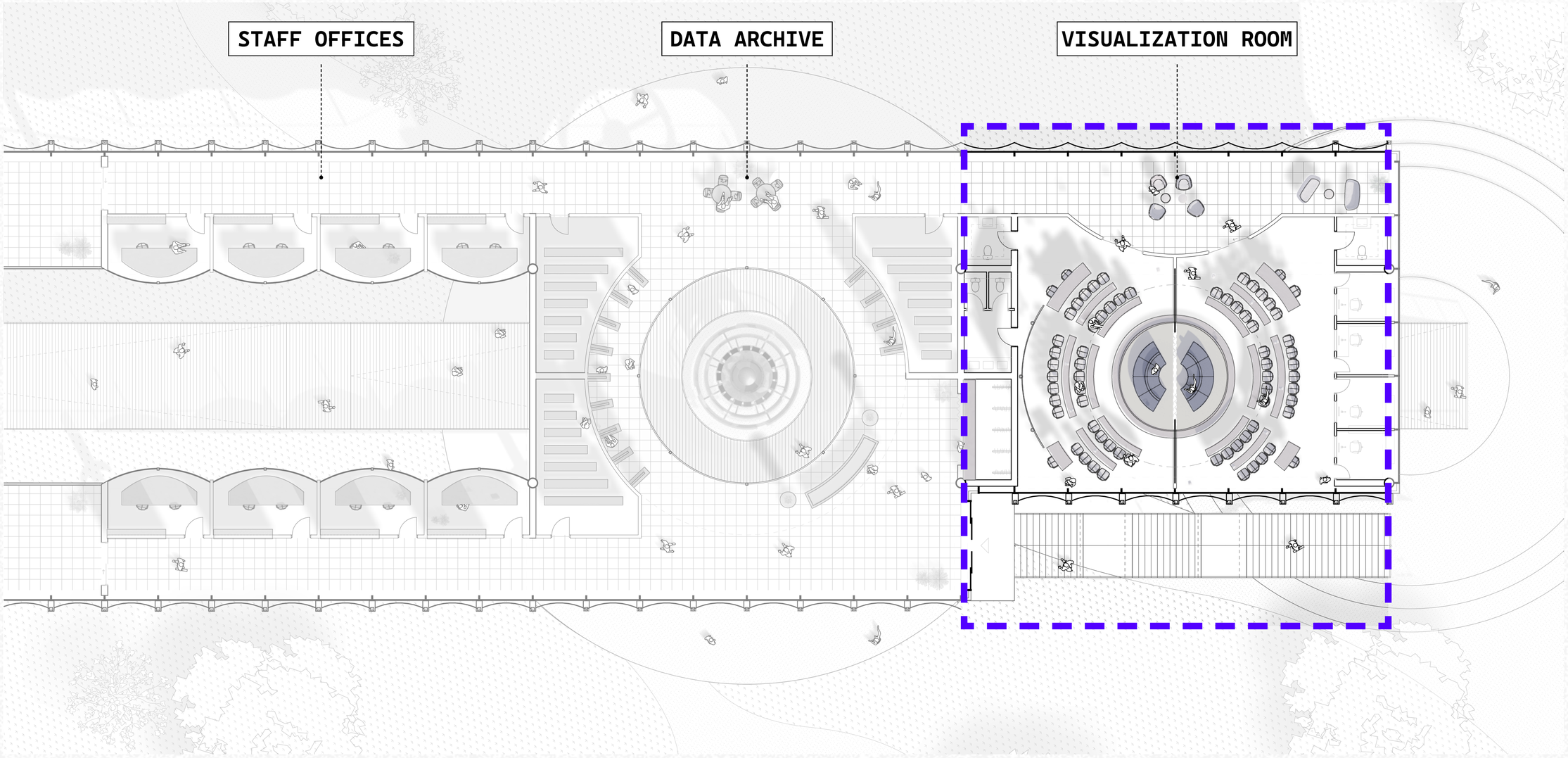
Dissensusline

**– Floor plan DATA ARCHIVES –**

1:100

2m 5m

1m 2m




Dissensusline

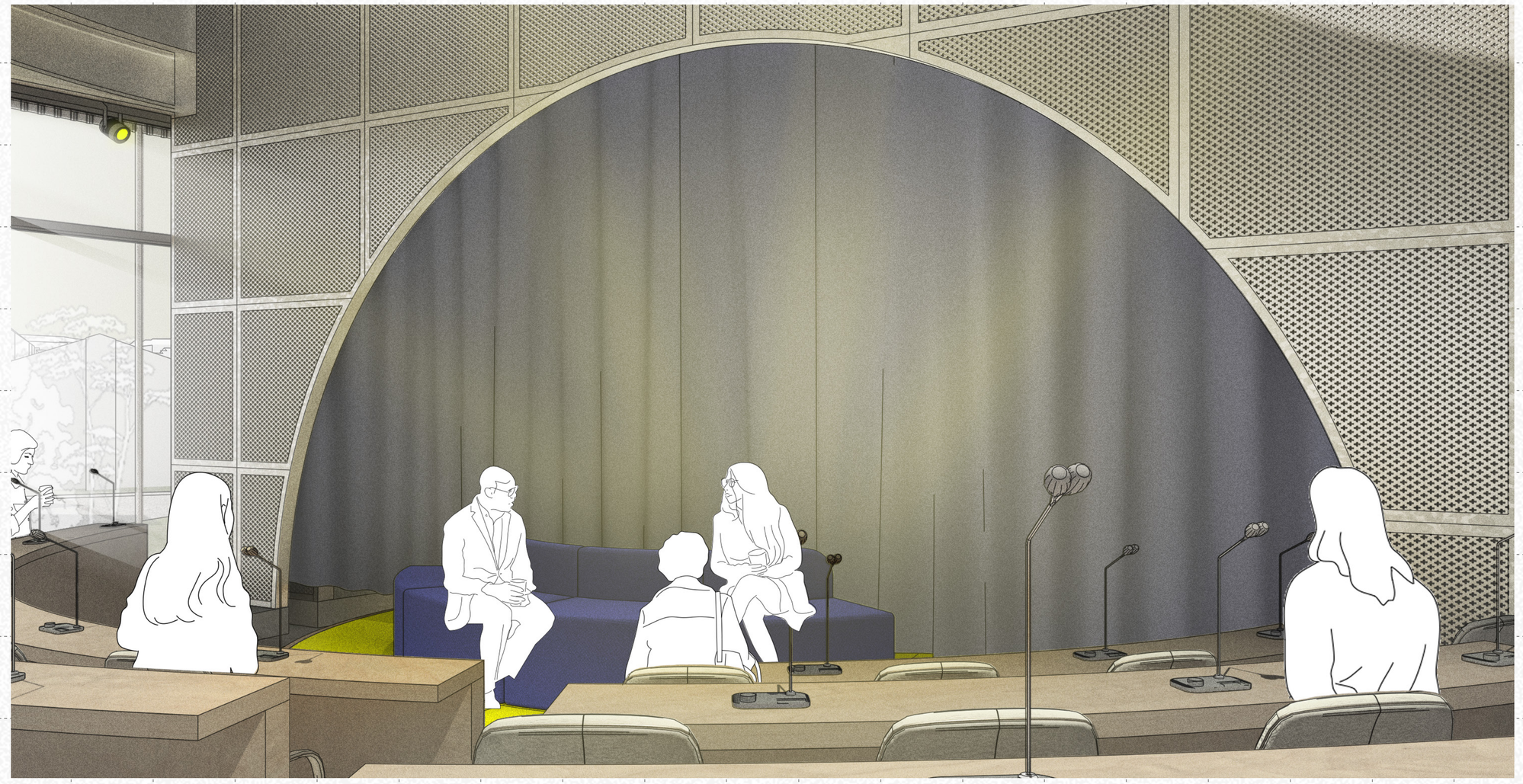
Dissensusline

**– Floor plan DATA ARCHIVES –**

1:100

2m 5m

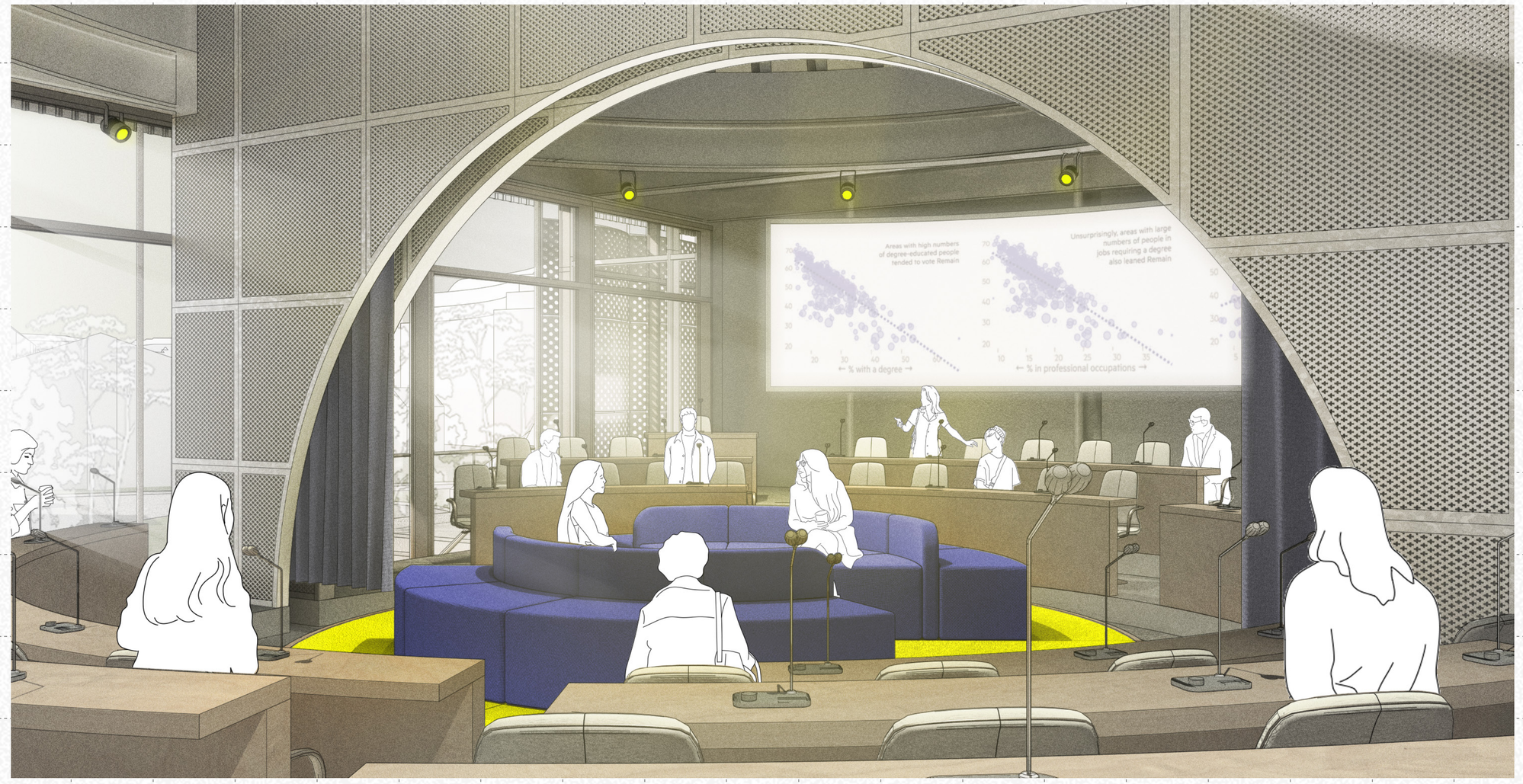
1m 2m



**– Visualization room –**



Dissensusline




**– Visualization room –**



Dissensusline




**– Public park agora –**



Dissensusline

Dissensusline

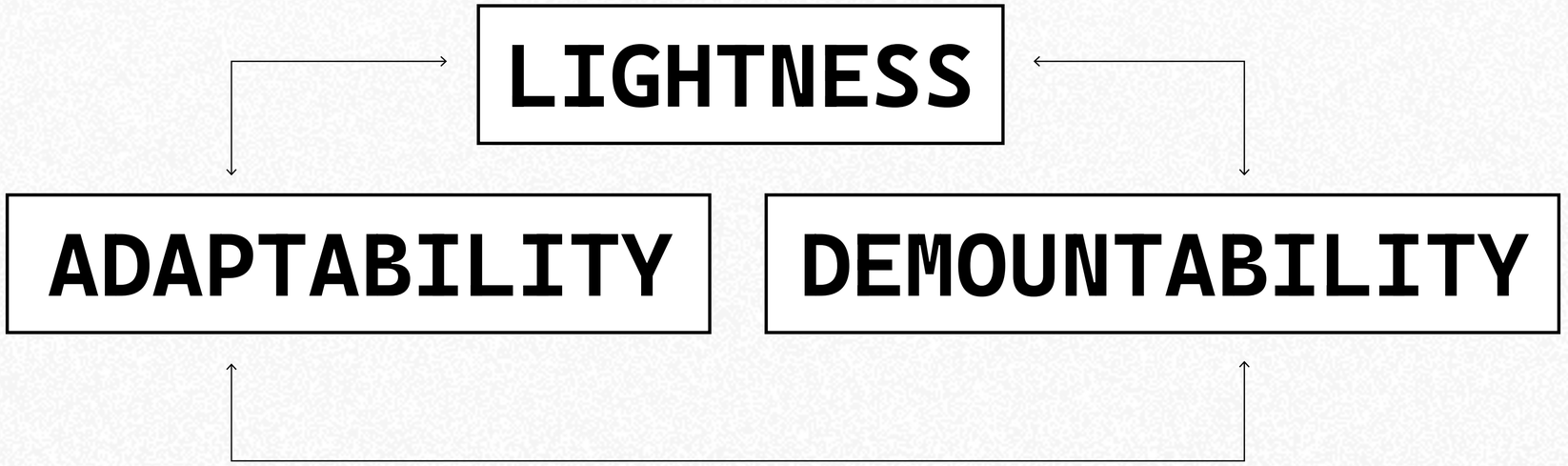
# ASSEMBLING AN
# ASSEMBLY SPACE

THE BUILDING AS A MIRROR OF THE COMPLEX POLITICAL FRAMEWORK OF THE EU

Dissensusline

# EUROPE IS ALREADY BUILT,
# WE JUST HAVE TO REASSEMBLE IT!

Dissensusline

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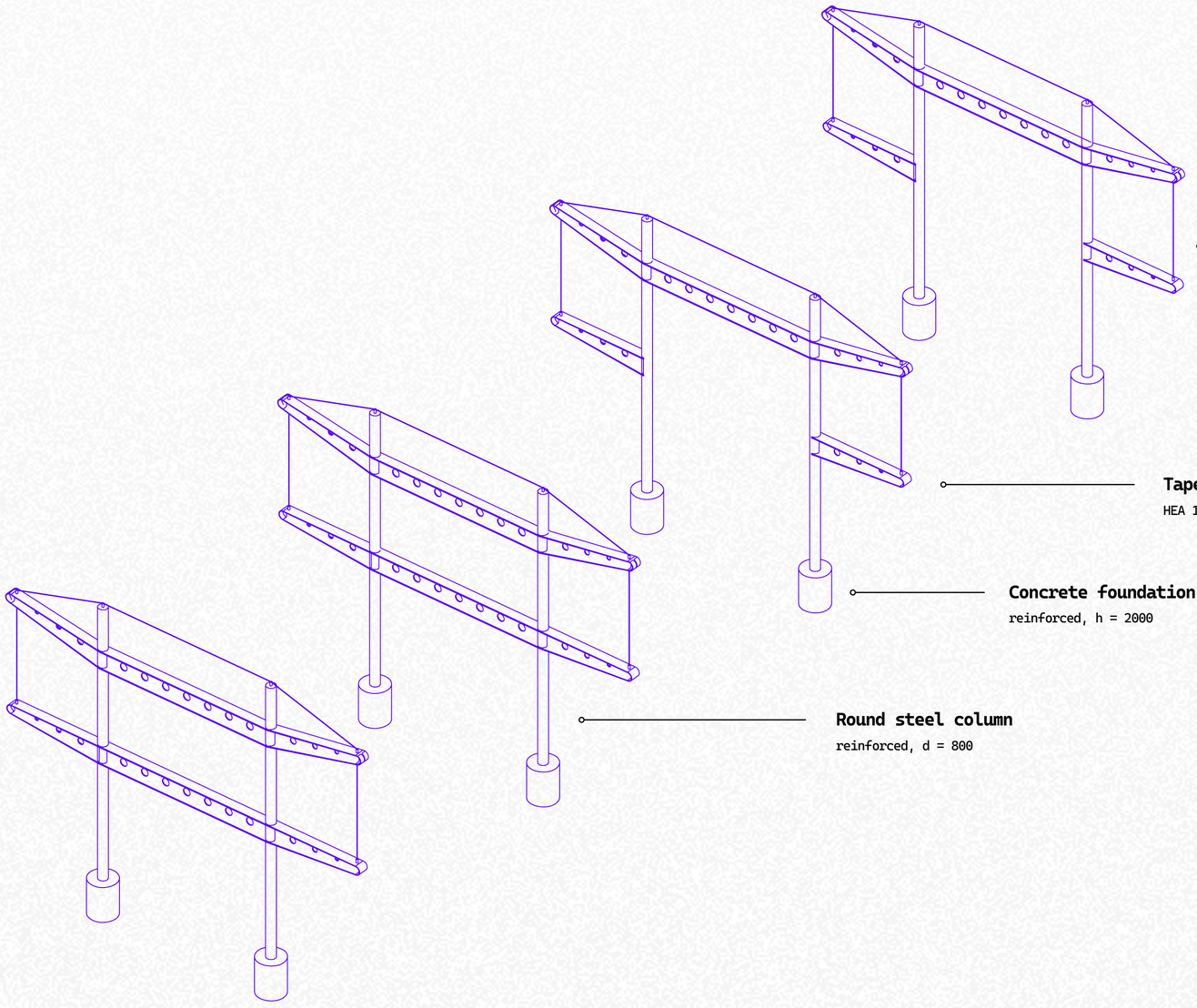
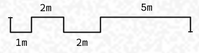


**Steel tensile structure**
d = 30

**Tapered steel beam**
HEA 1000

**Concrete foundation**
reinforced, h = 2000

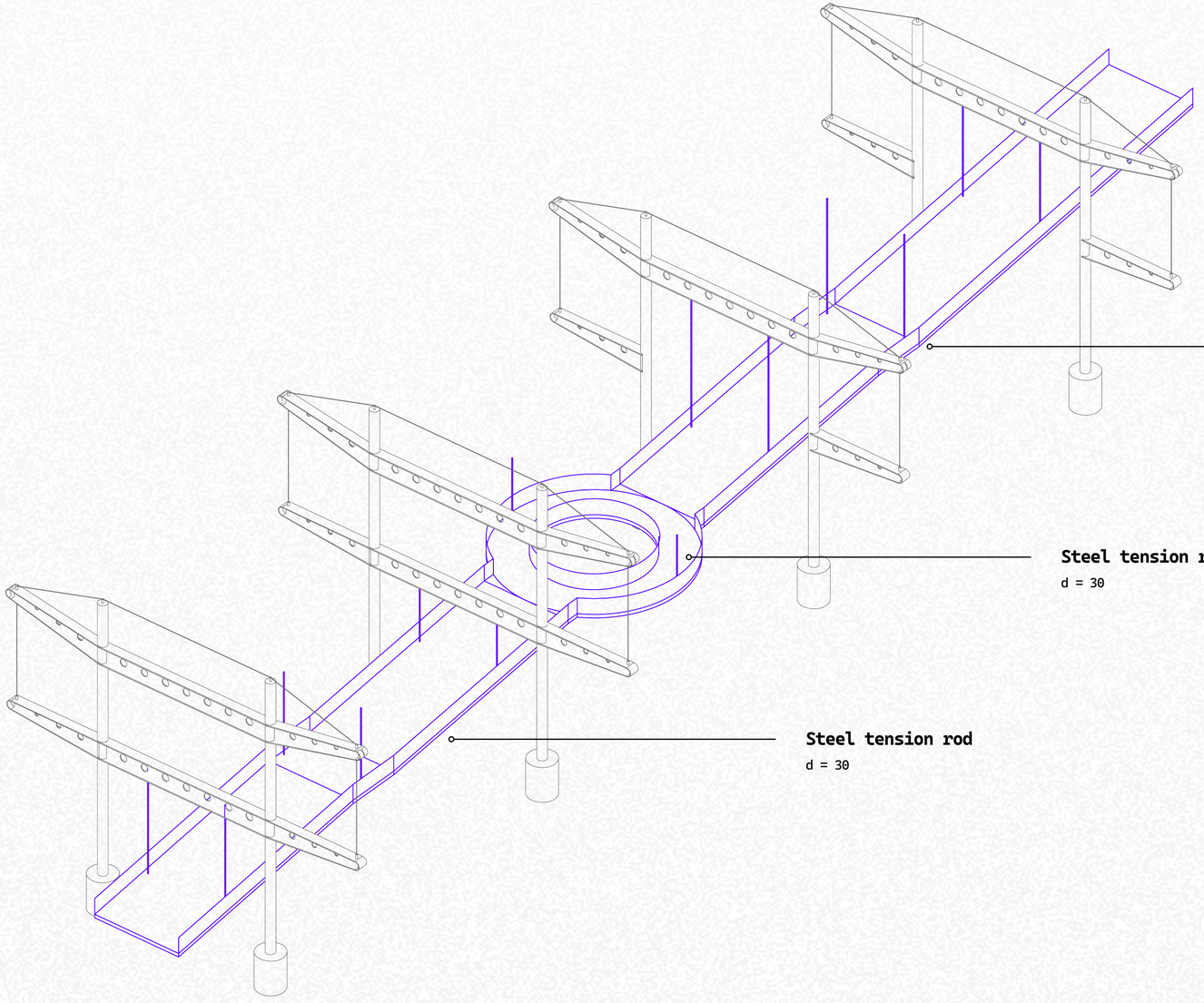
**Round steel column**
reinforced, d = 800




# – Stiffended steel frames –



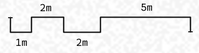
Dissensusline



**Steel suport beams**
HEB 200

**Steel tension rod**
d = 30

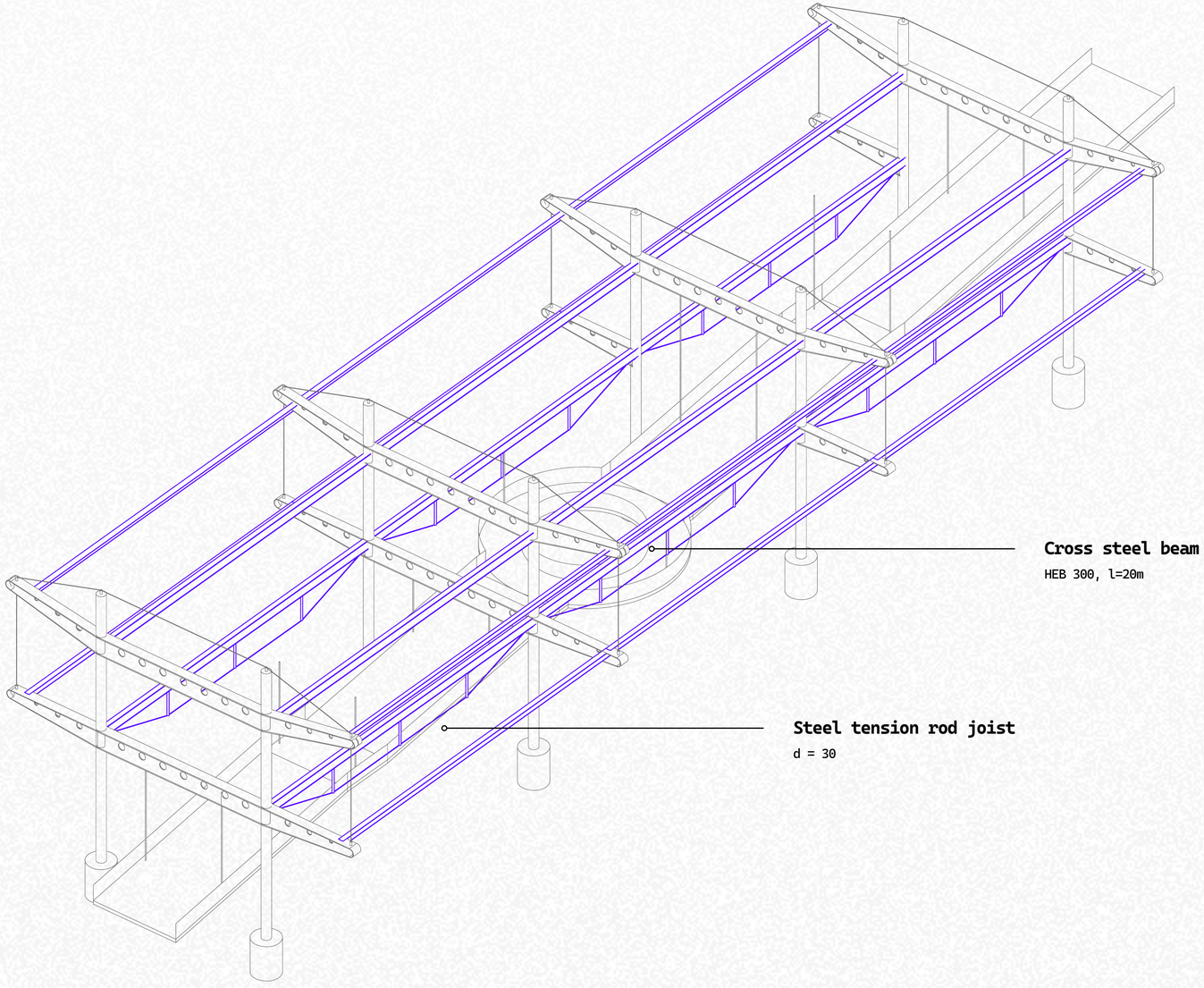
**Steel tension rod**
d = 30

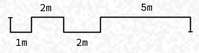



# – Suspended steel platform –



Dissensusline

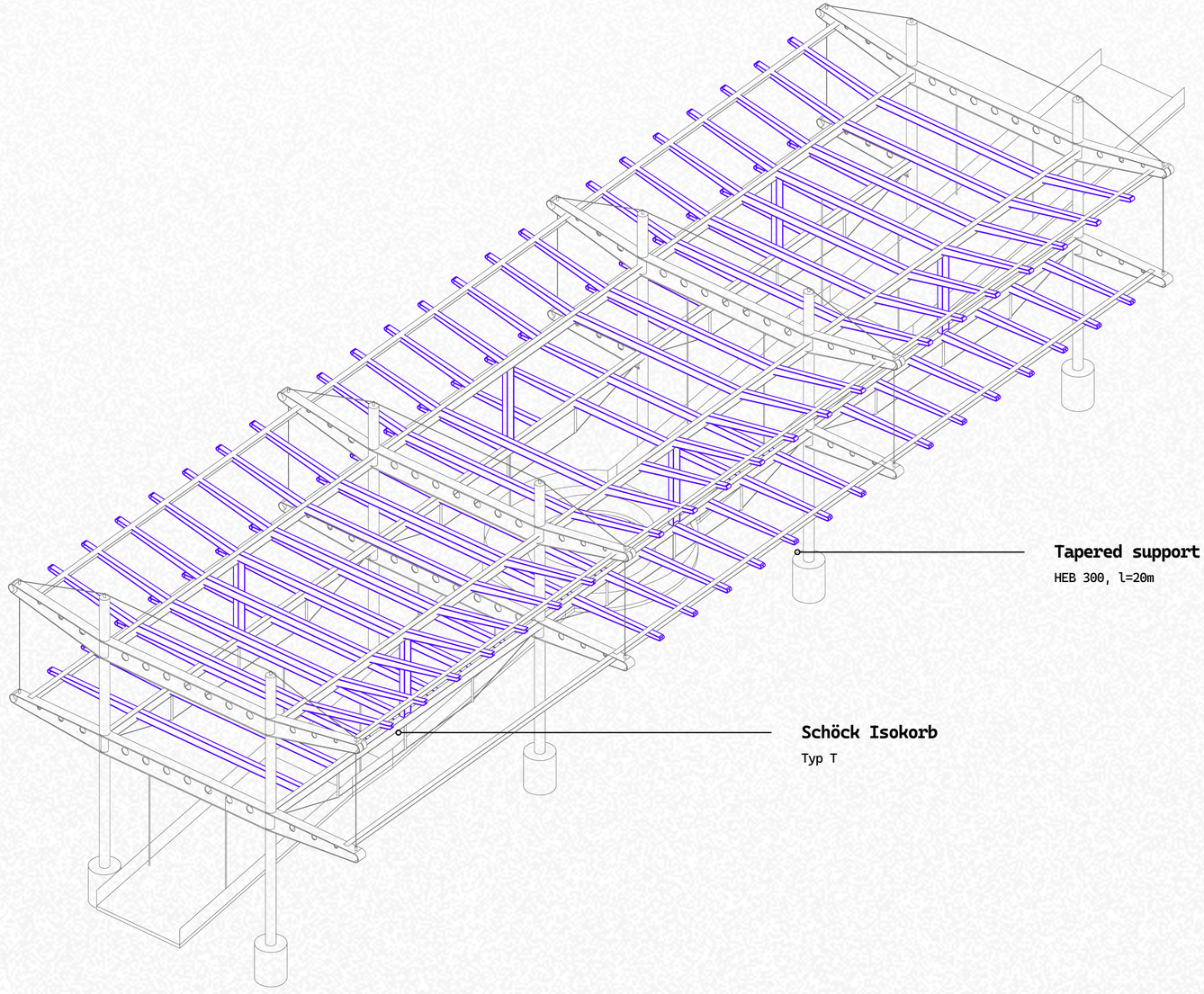


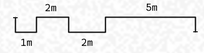




# – Cross beam structure –



Dissensusline

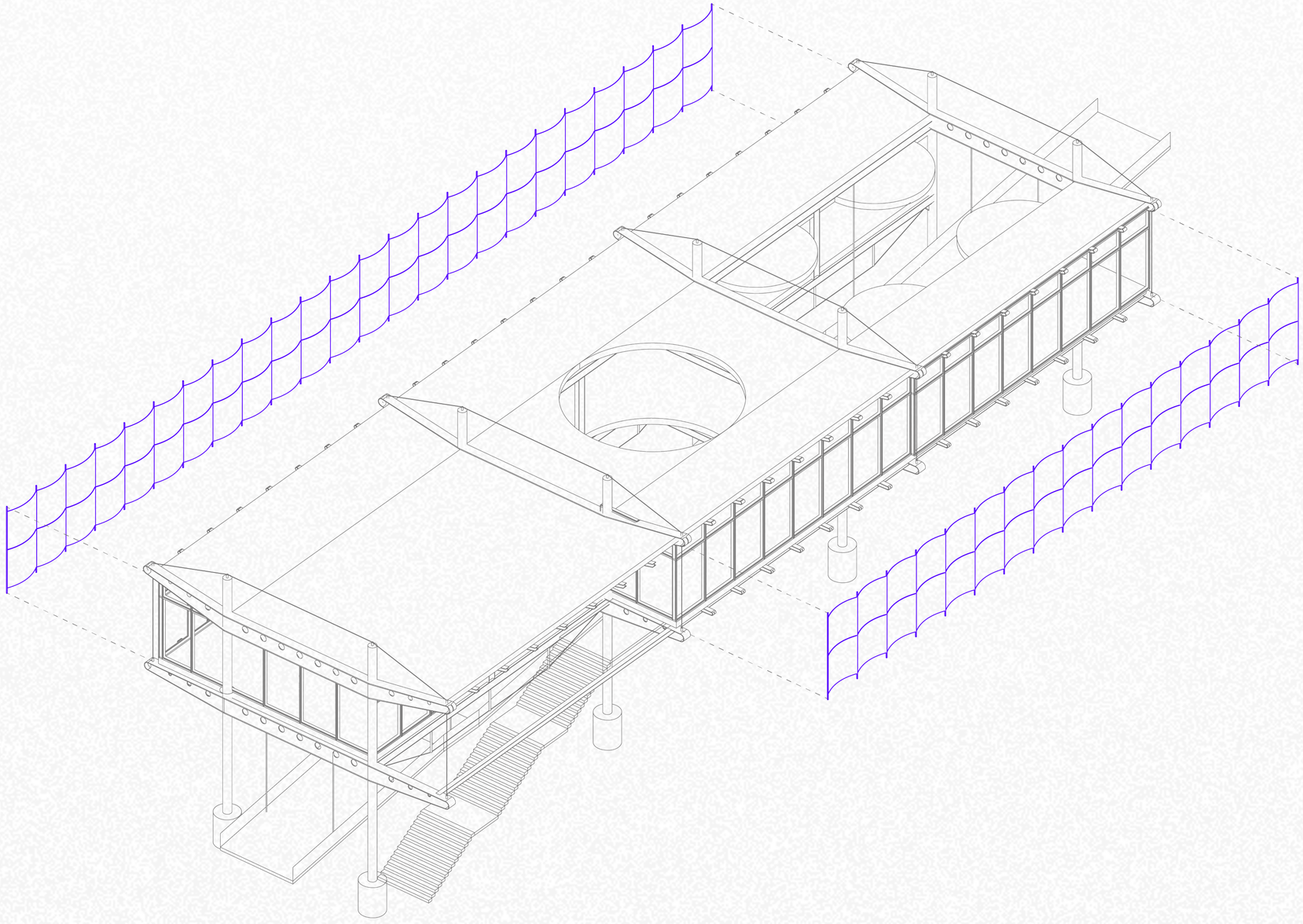


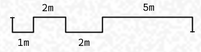




# – Supporting beam structure –

Dissensusline

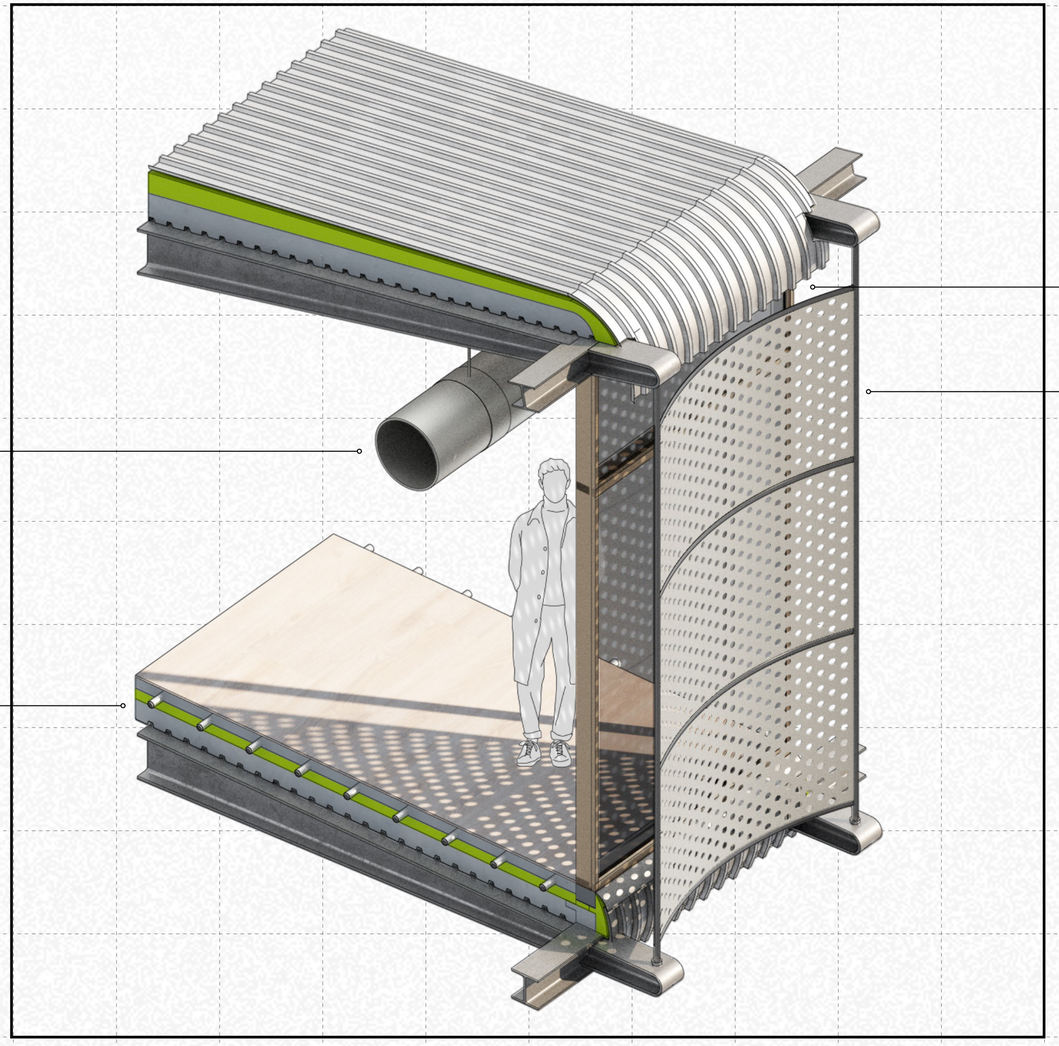
Dissensusline





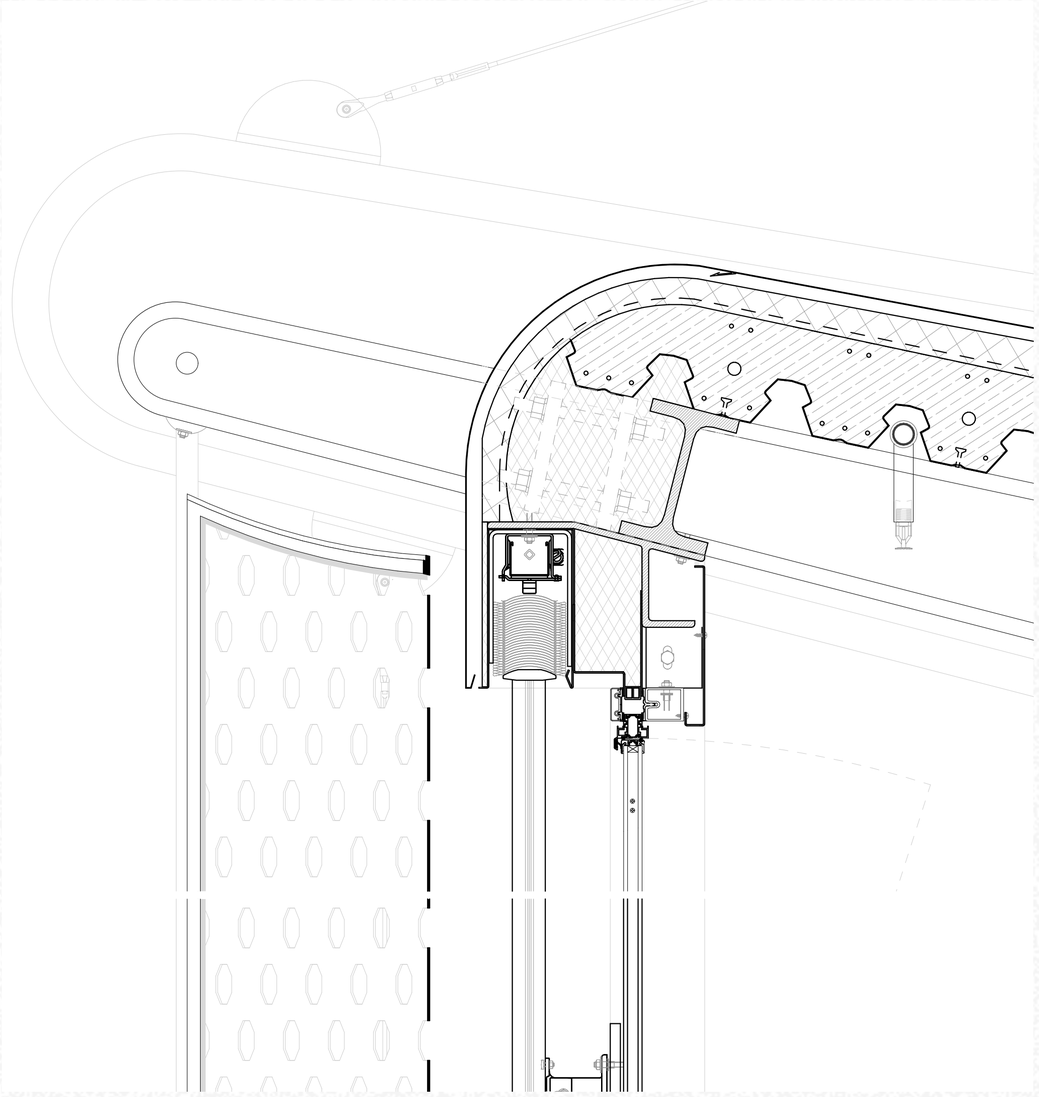

## – Aluminium panel facade –

Dissensusline



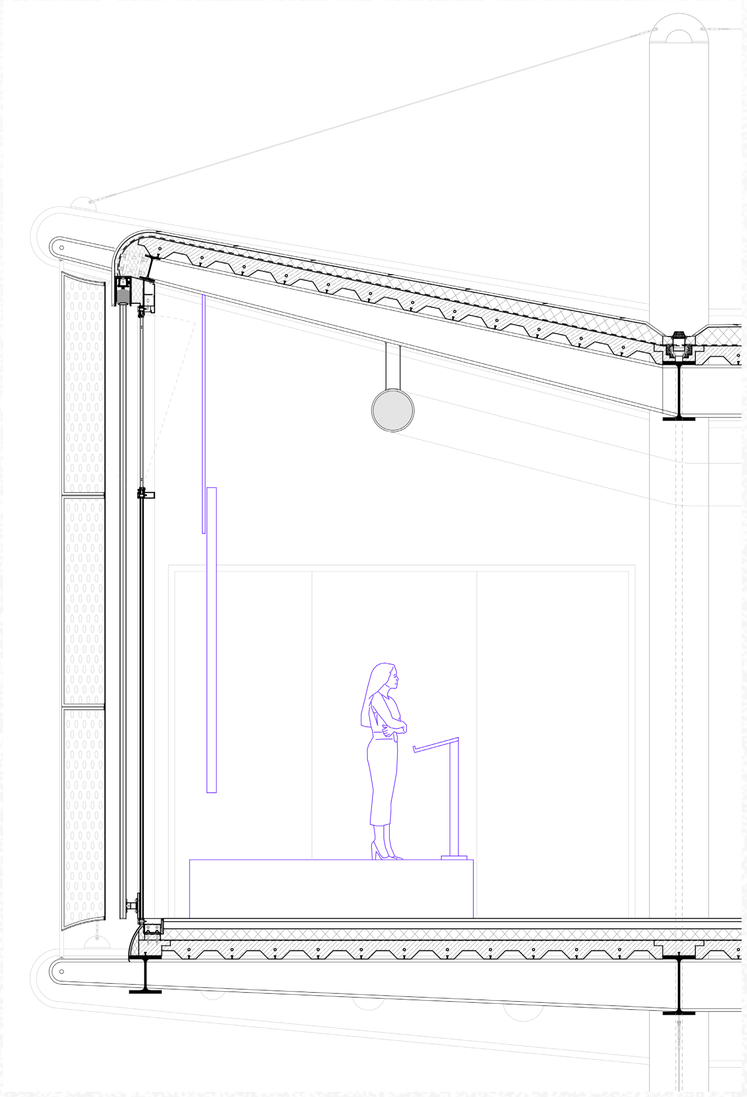

**– Aluminium panel facade –**

Dissensusline



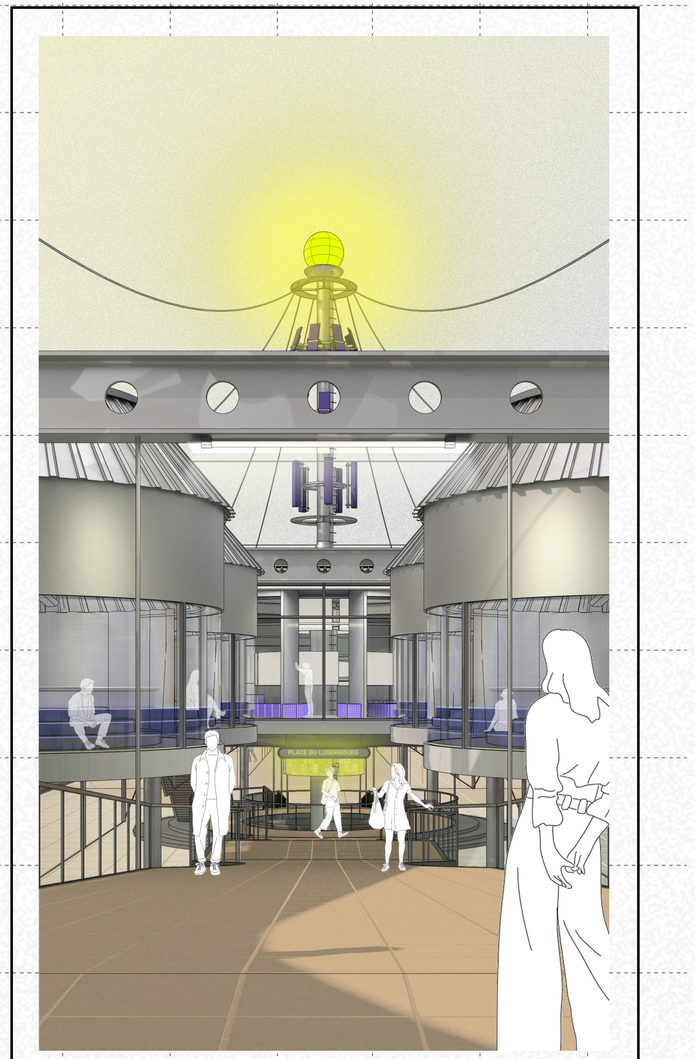
## – Connection details ceiling –

1:5



## – Facade section –

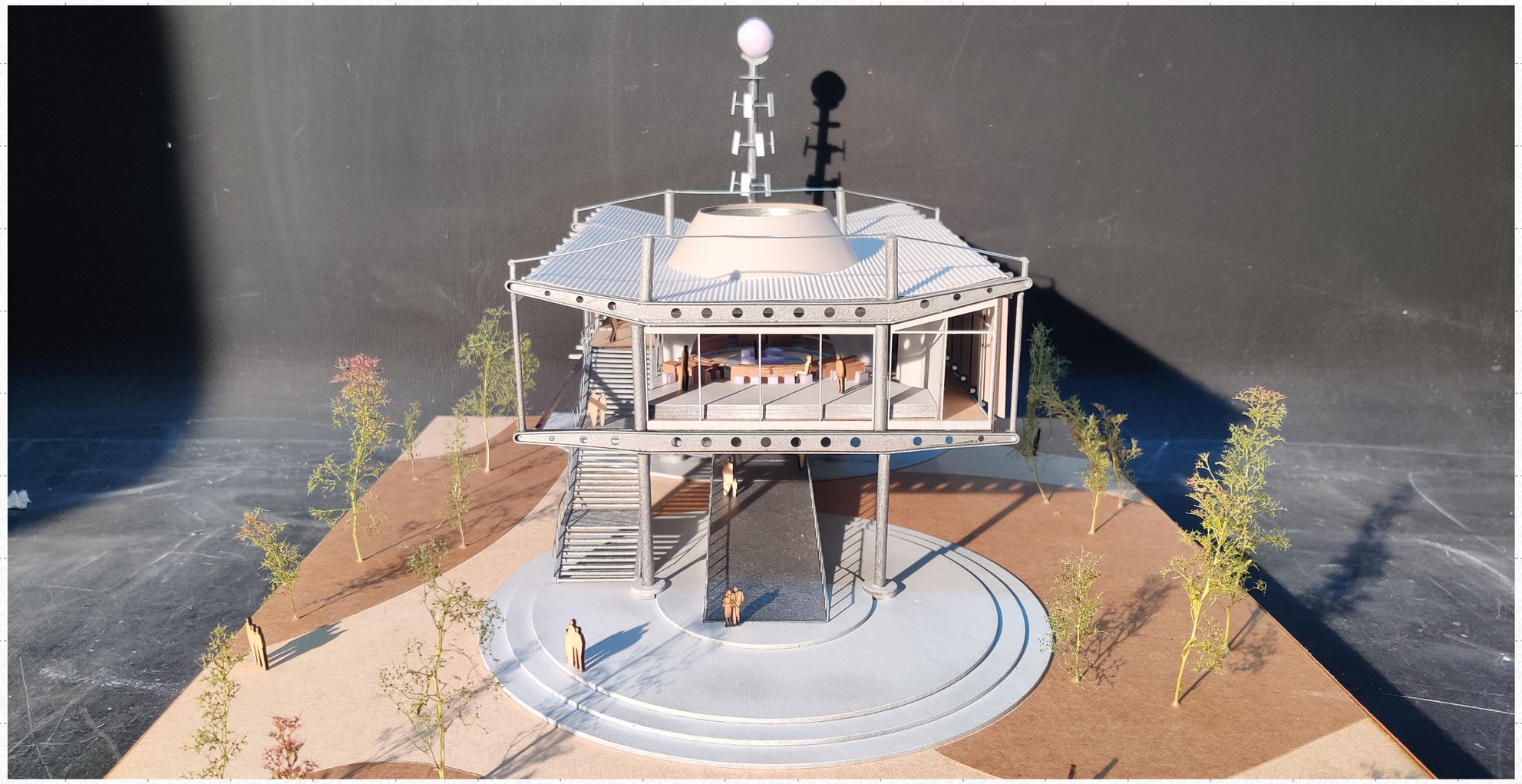
1:20



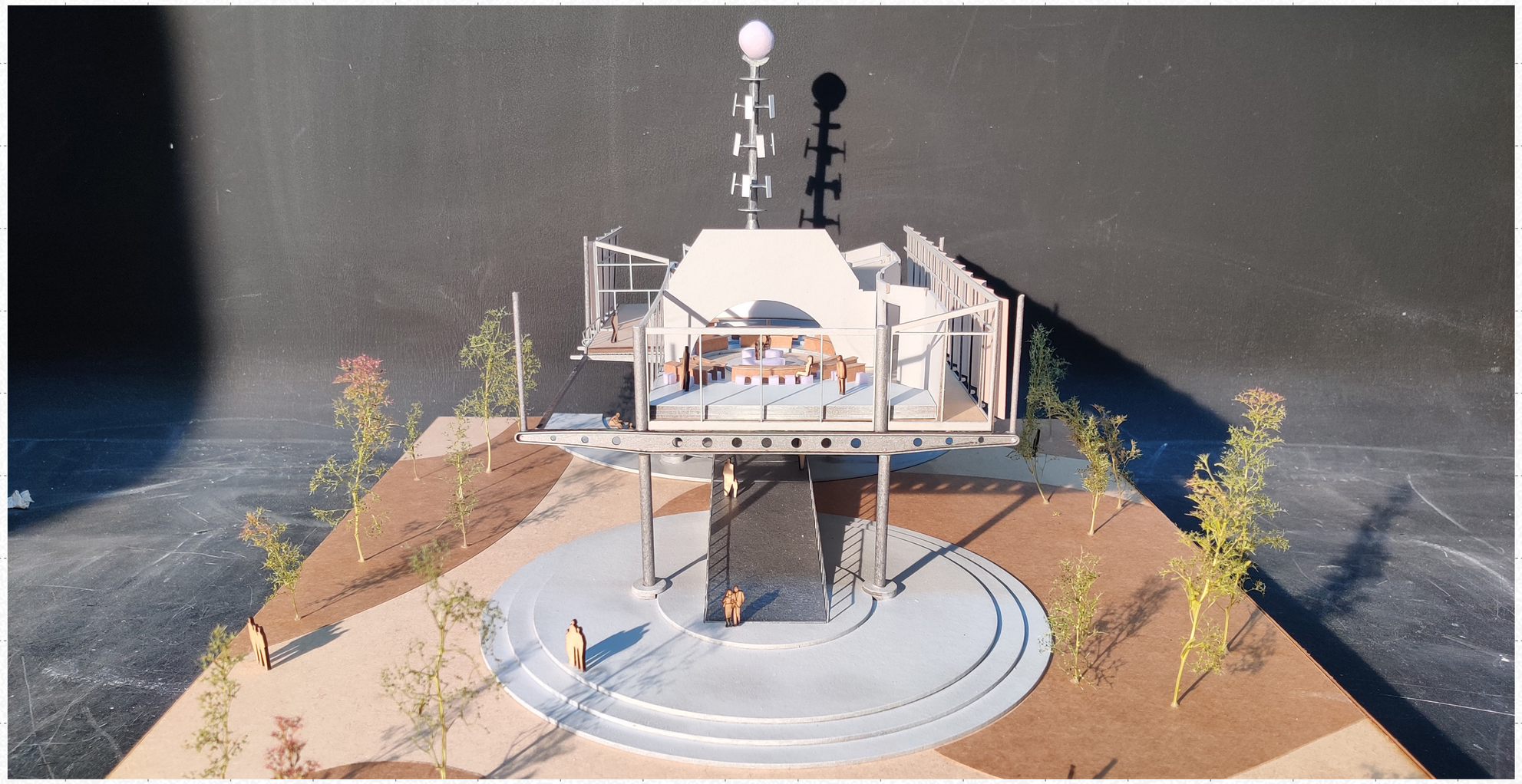
**– Visible steel structure –**



Dissensusline



**– Demountable steel structure –**



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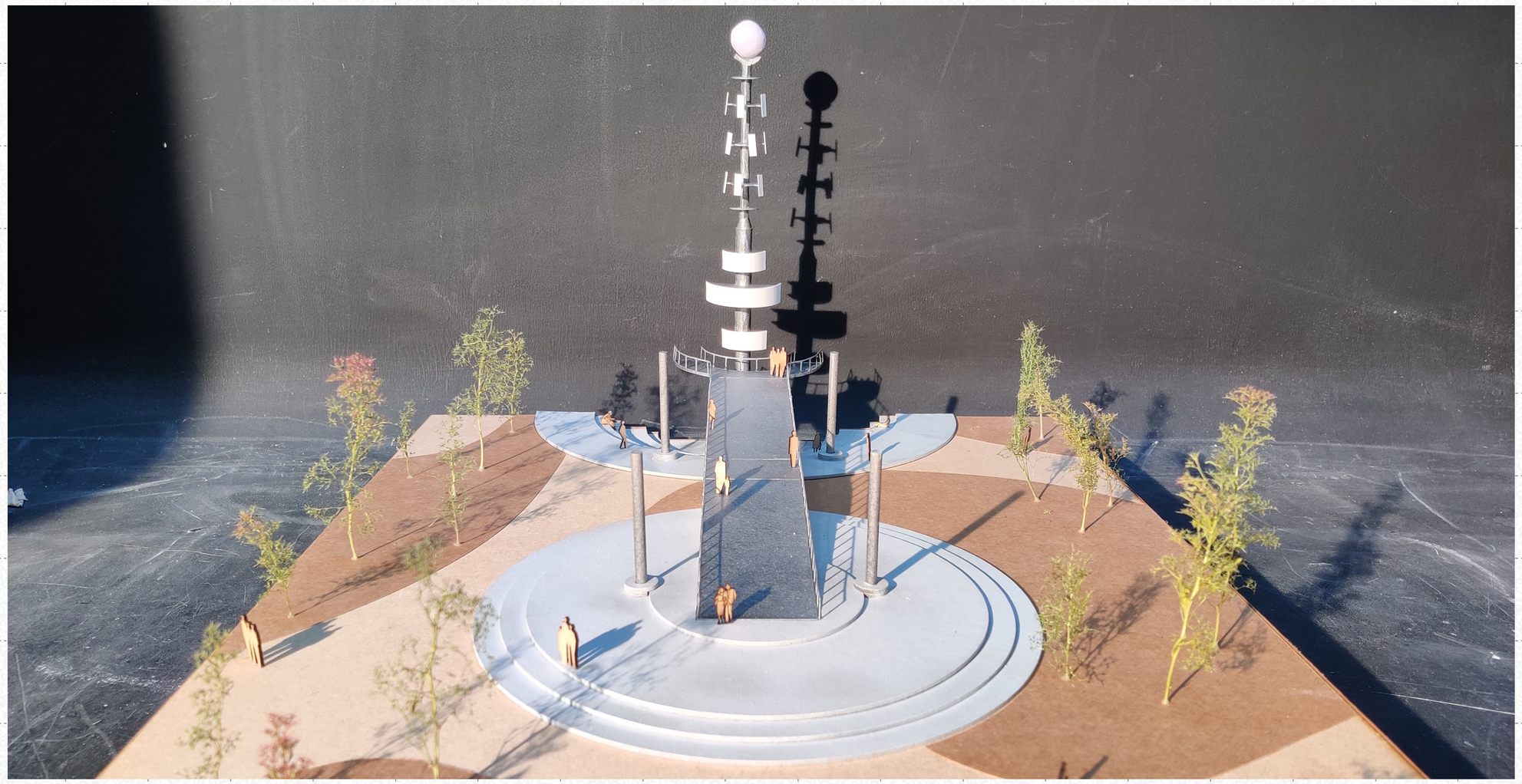
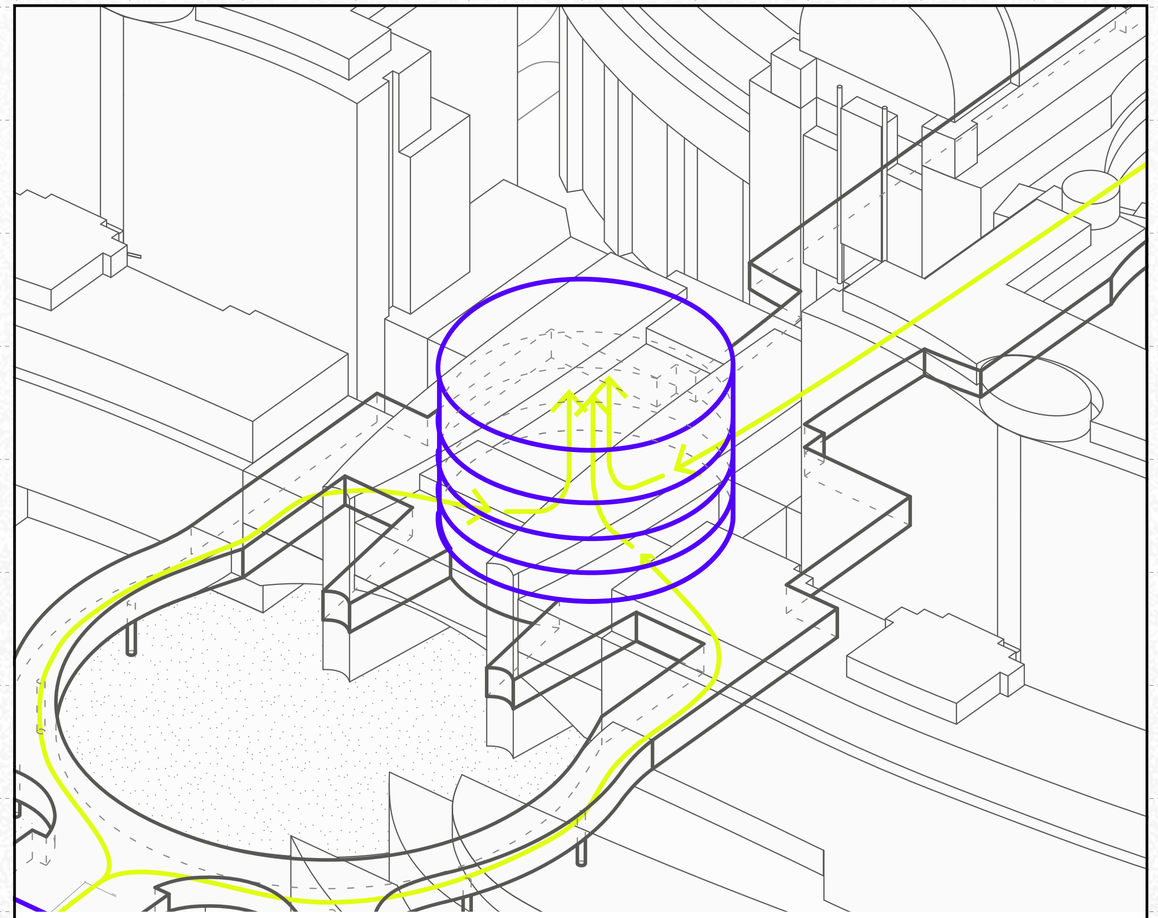


– Demountable steel structure –



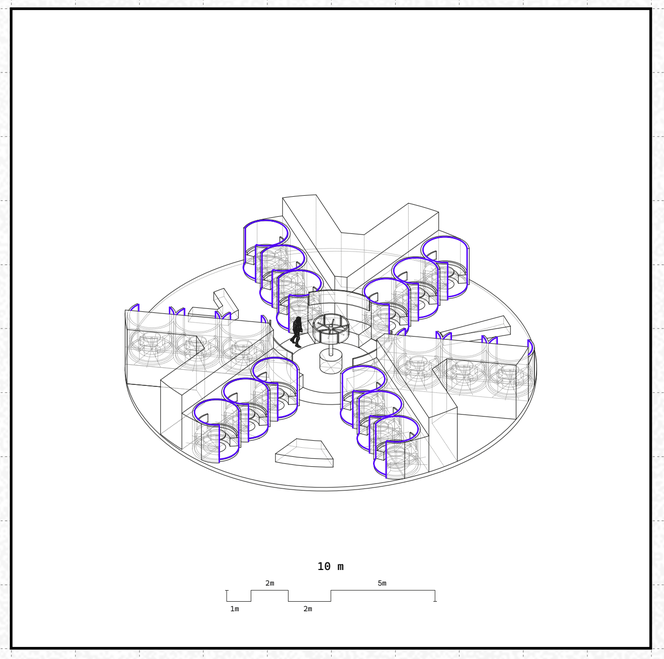
Dissensusline



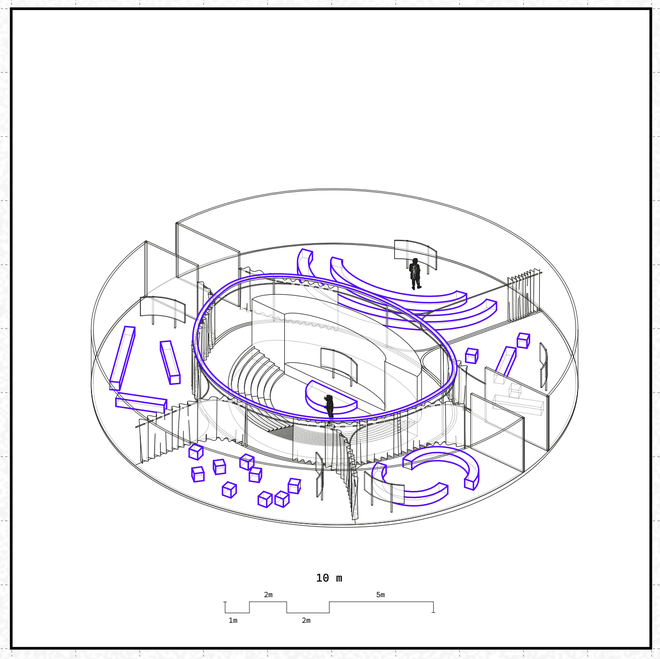
# DISCUSSION STAGES

Towards negotiating

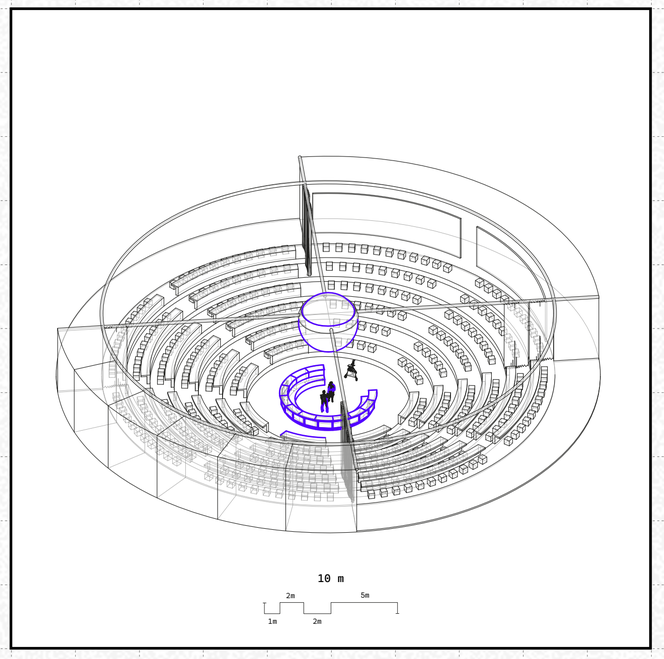
Dissensusline




– Face–to–face talking pods –




– Group conversation spaces –




– Plenary hall / Broadcasting studio –

– Assembly spaces –

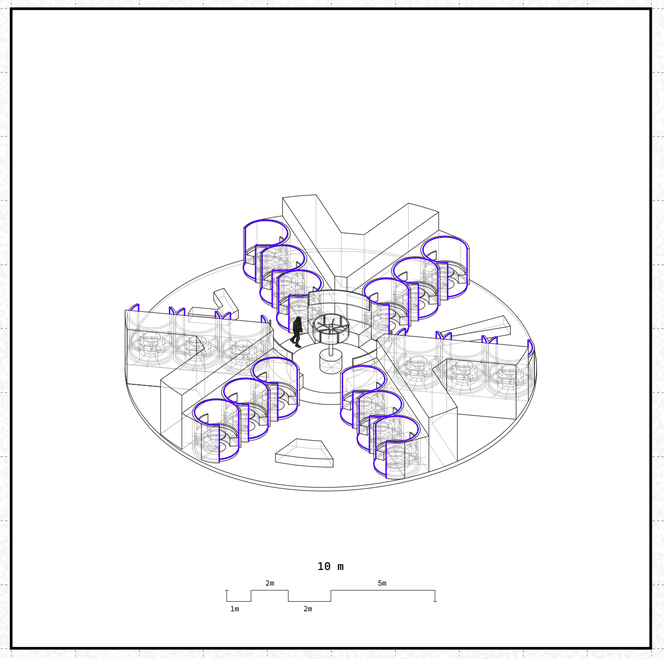
Dissensusline



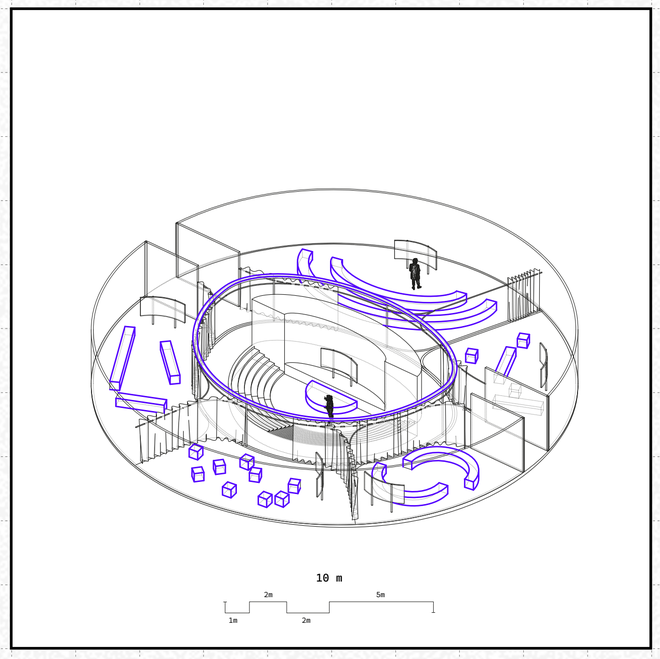
**– Face-to-face talking pods –**



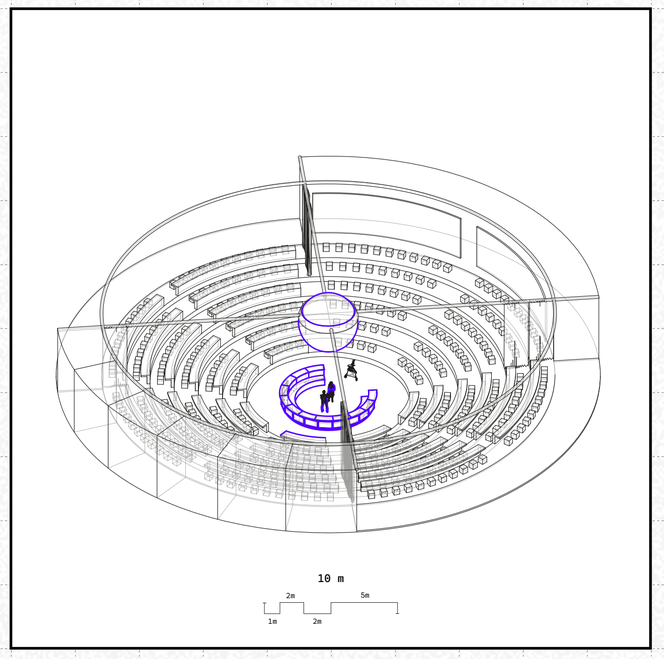
Dissensusline




– Face–to–face talking pods –




– Group conversation spaces –




– Plenary hall / Broadcasting studio –

## – Assembly spaces –



Dissensusline

Dissensusline

Level 08
**Plenary Hall / Broadcasting studio**

Level 07
**Translation chambers / Control centre**

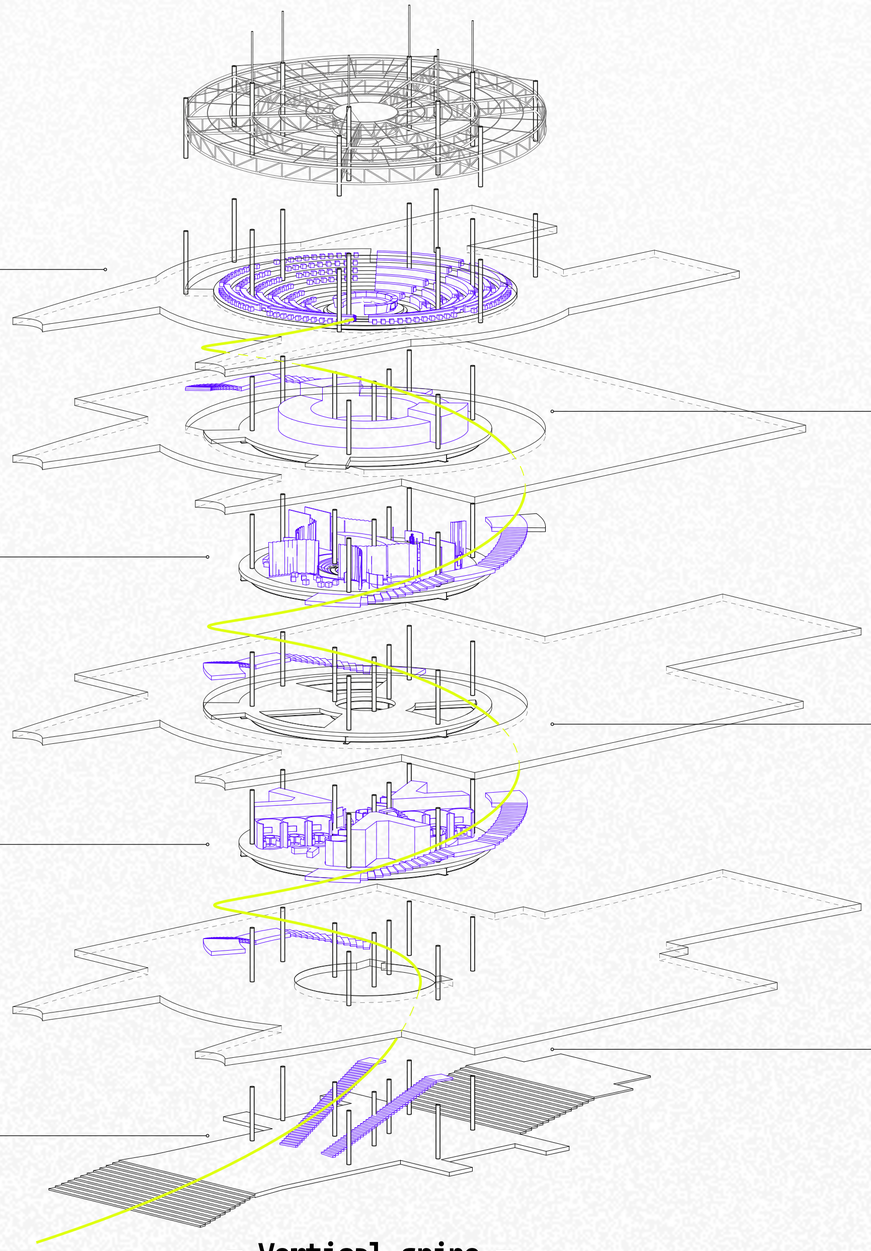
Level 06
**Group conversation rooms**

Level 05
**Library / Gathering zone**

Level 04
**Face-to-face talking pods**

Level 03
**Intersection zone**

Level 01 / 02
**Entrance**



**– Vertical spine –**

Dissensusline



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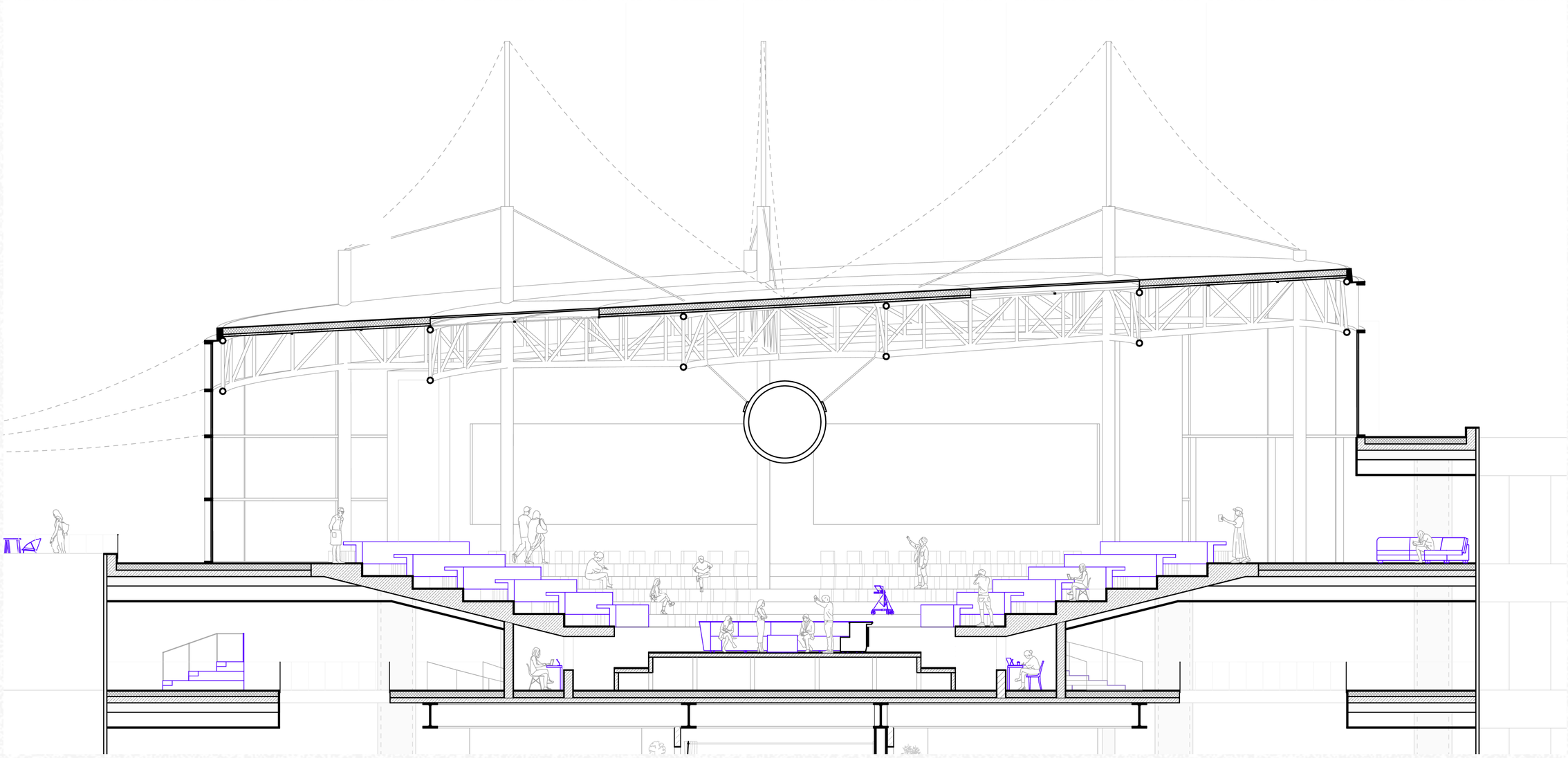
5234379

Dissensusline



Dissensusline

## – Section Plenary Hall –

1:50



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20.01.2023

Dominik Stoschek
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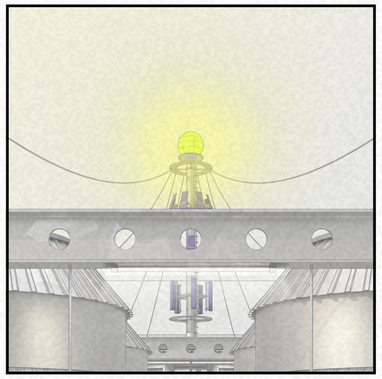
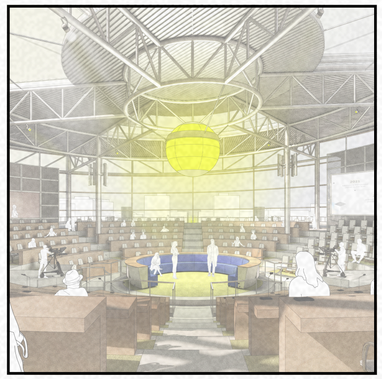
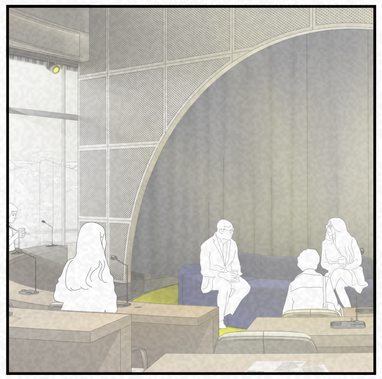
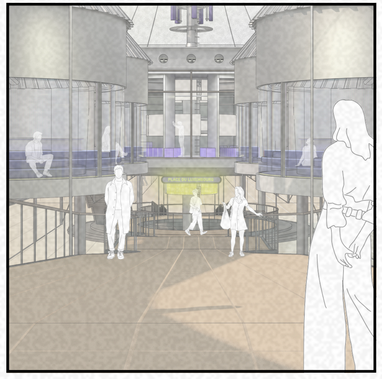
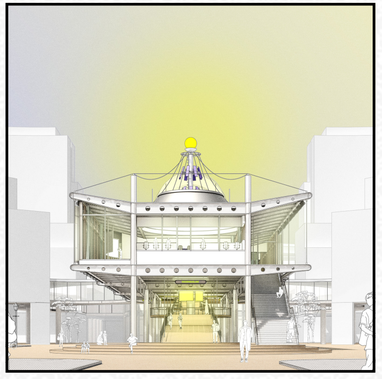
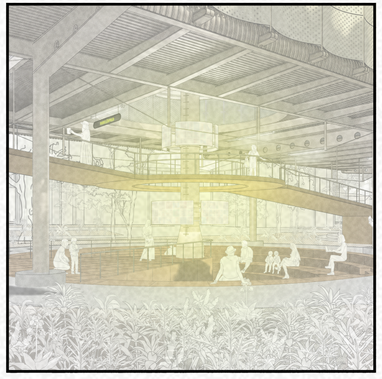
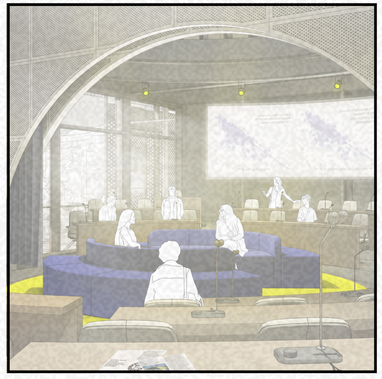
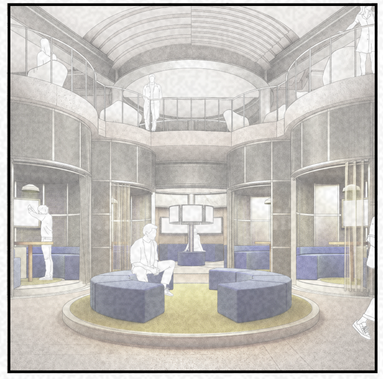
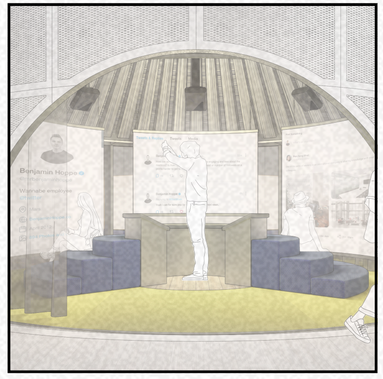
**– Plenary hall –**



Dissensusline



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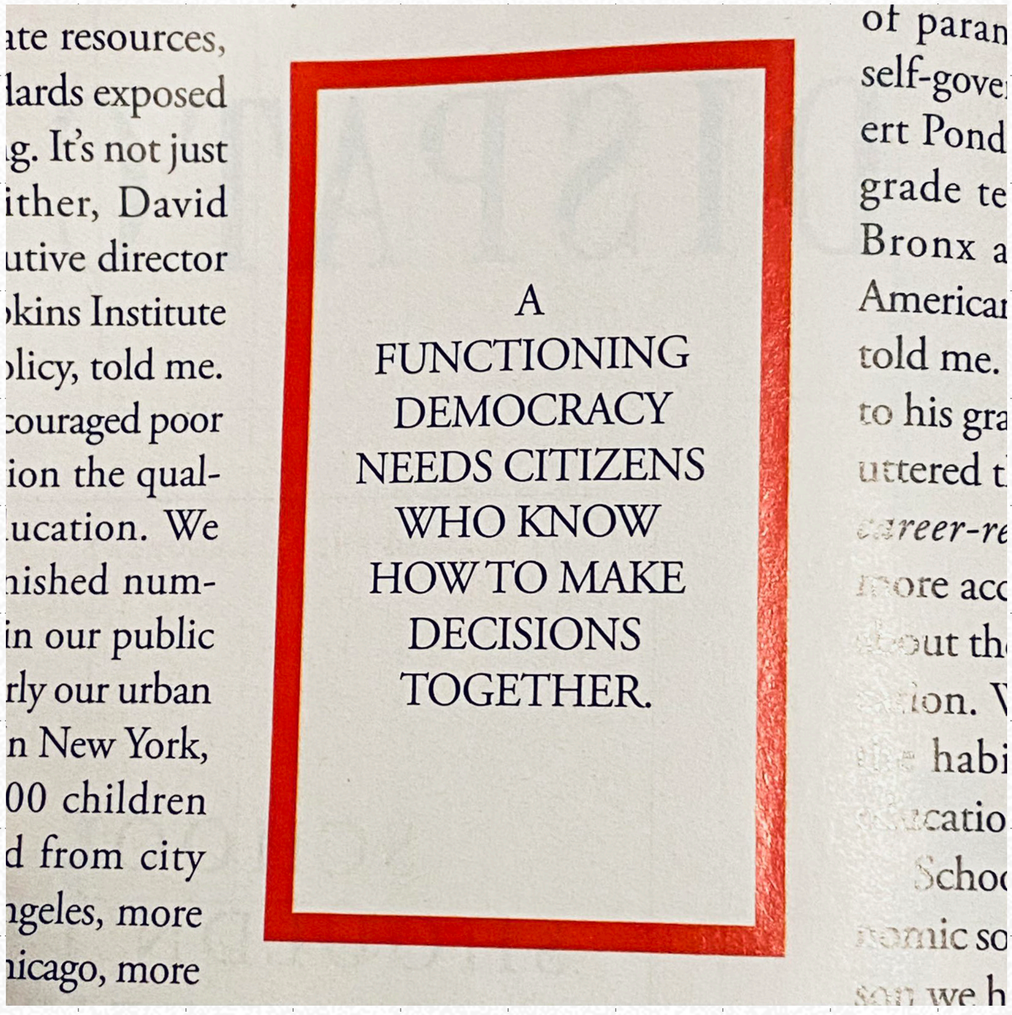




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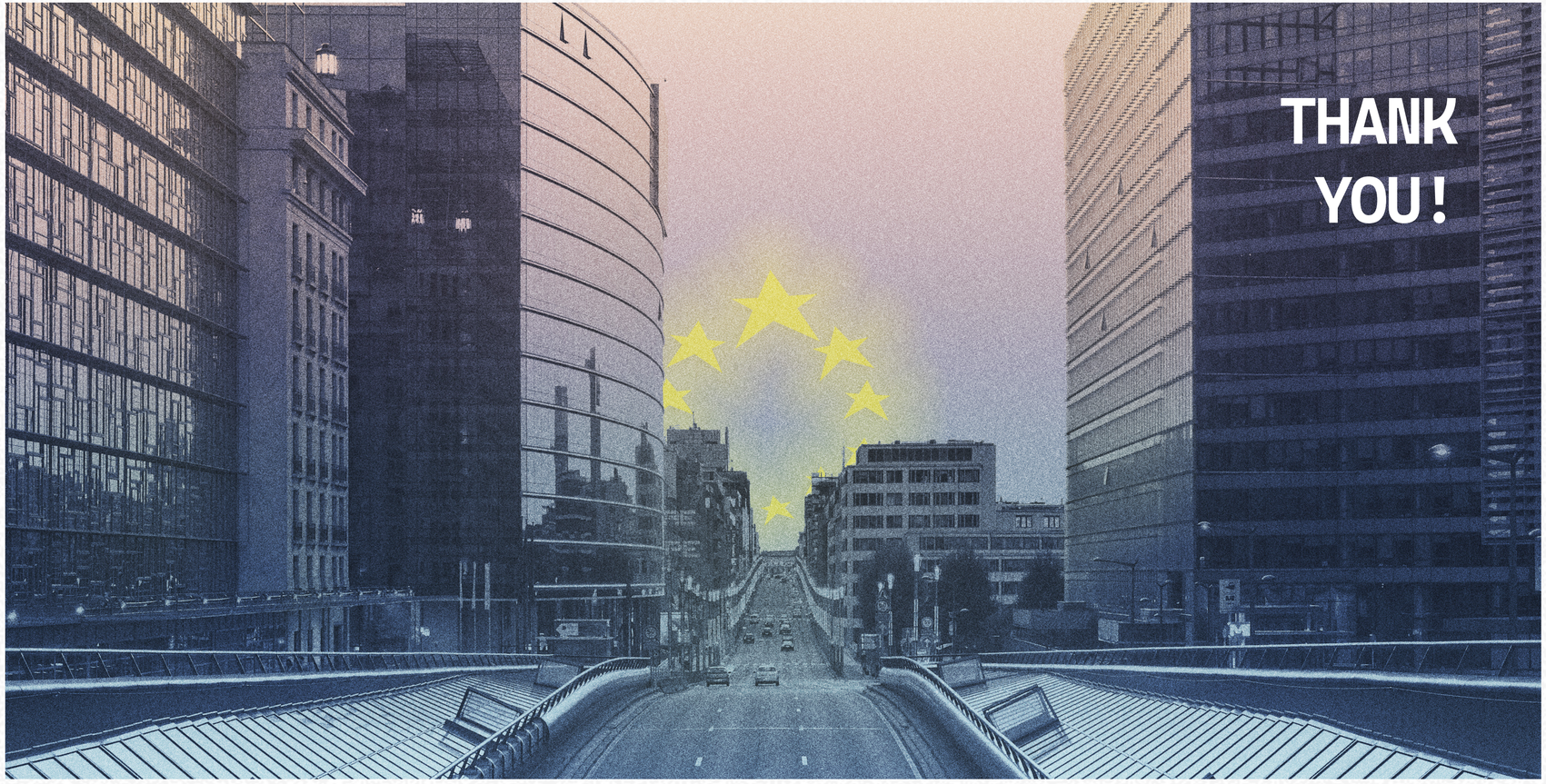


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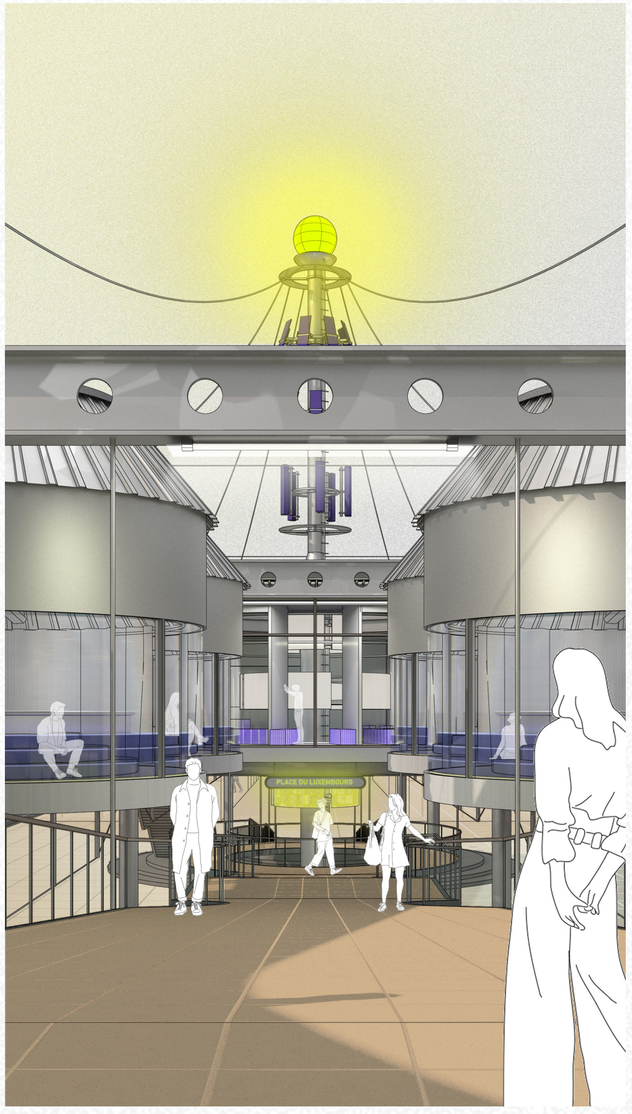
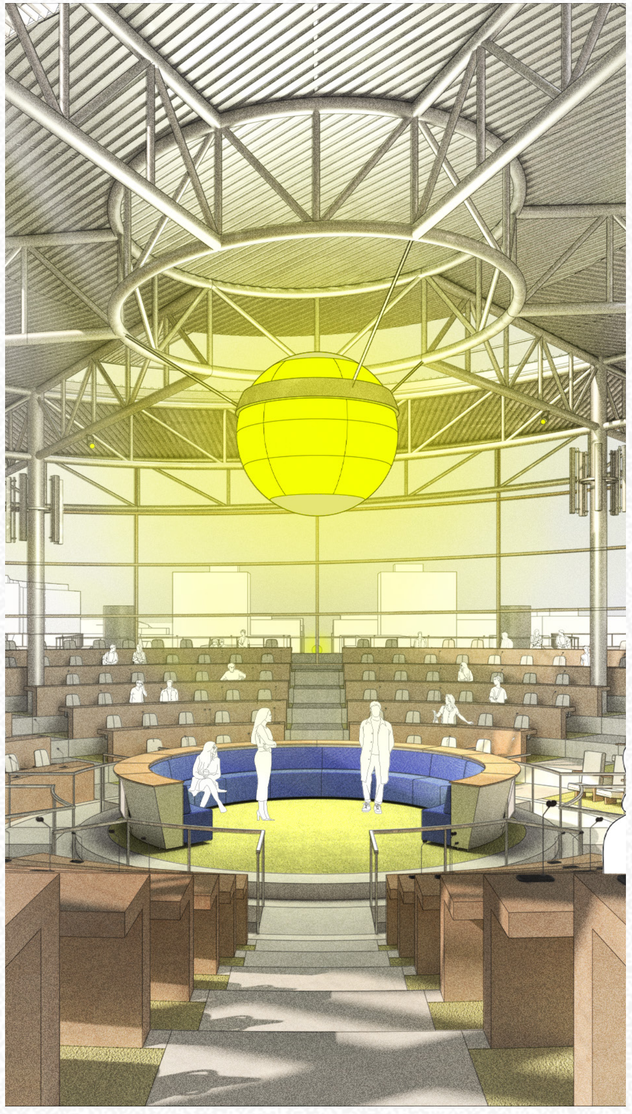
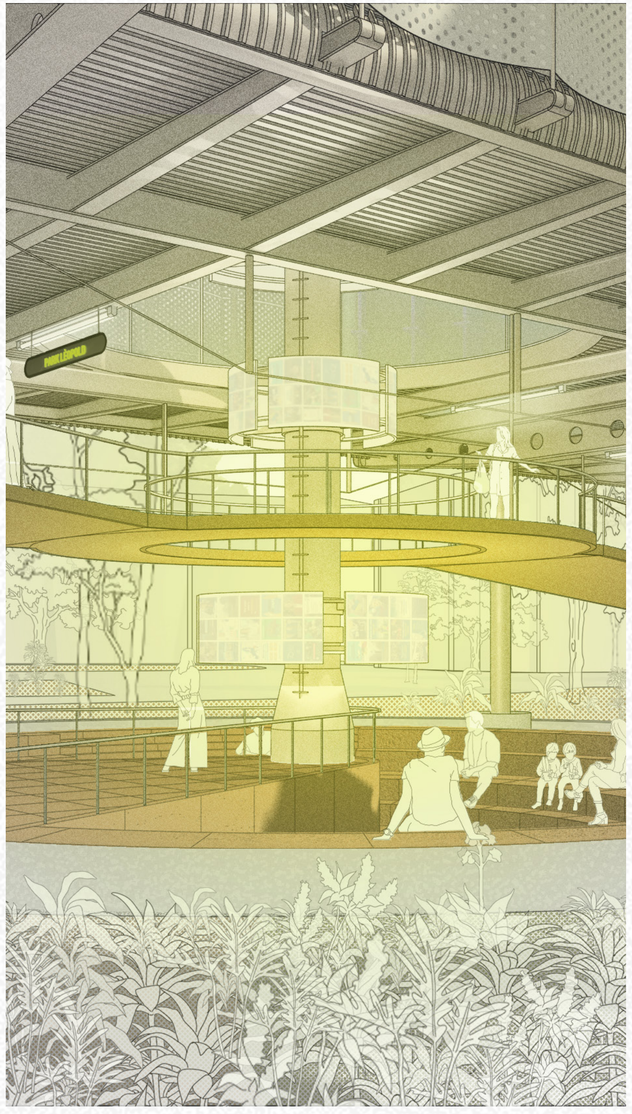


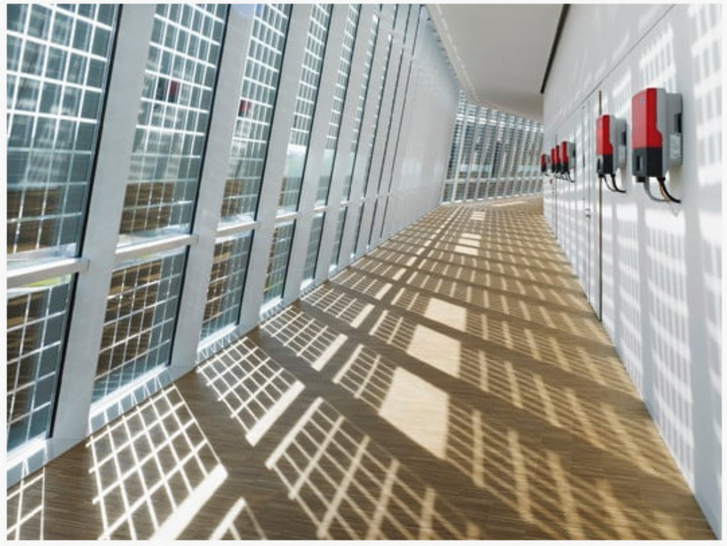




Dissensusline

## VARIATION DER ABSTÄNDE ZWISCHEN DEN ZELLEN

Neben farbigen sind auch transparente oder semitransparente PV-Module auf dem Markt erhältlich. Semitransparente Module sind insbesondere für die Gestaltung von Glasfassaden, Oberlichtern, Wintergärten, Vordächern und Balkonbrüstungen interesssant. Sie erzeugen in den dahinter oder darunter liegenden Räumen reizvolle Muster aus Licht und Schatten und lassen sich dabei als Verschattungselemente einsetzen.

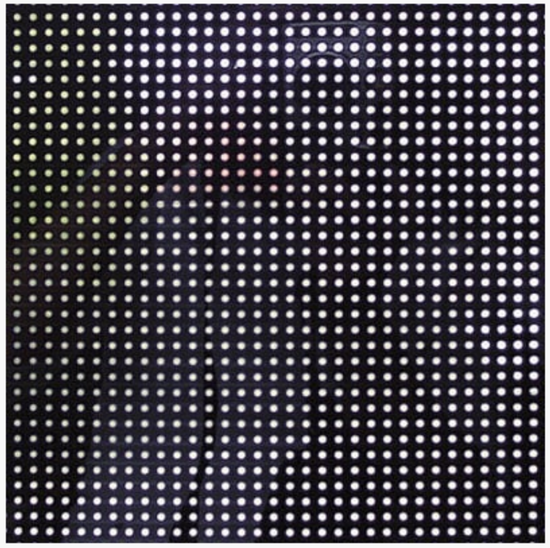


Licht- und Schattenspiele durch semitransparente PV-Module im Schulungsgebäude in Nies...
Bild: SMA Solar Technology, Niestetal

02 | 06

## VARIATION DER ABSTÄNDE ZWISCHEN DEN ZELLEN

Neben farbigen sind auch transparente oder semitransparente PV-Module auf dem Markt erhältlich. Semitransparente Module sind insbesondere für die Gestaltung von Glasfassaden, Oberlichtern, Wintergärten, Vordächern und Balkonbrüstungen interesssant. Sie erzeugen in den dahinter oder darunter liegenden Räumen reizvolle Muster aus Licht und Schatten und lassen sich dabei als Verschattungselemente einsetzen.



Semitransparentes Dünnschichtmodul mit Rundlochmuster
Bild: PVACCEPT, Berlin

03 | 06

Dissensusline

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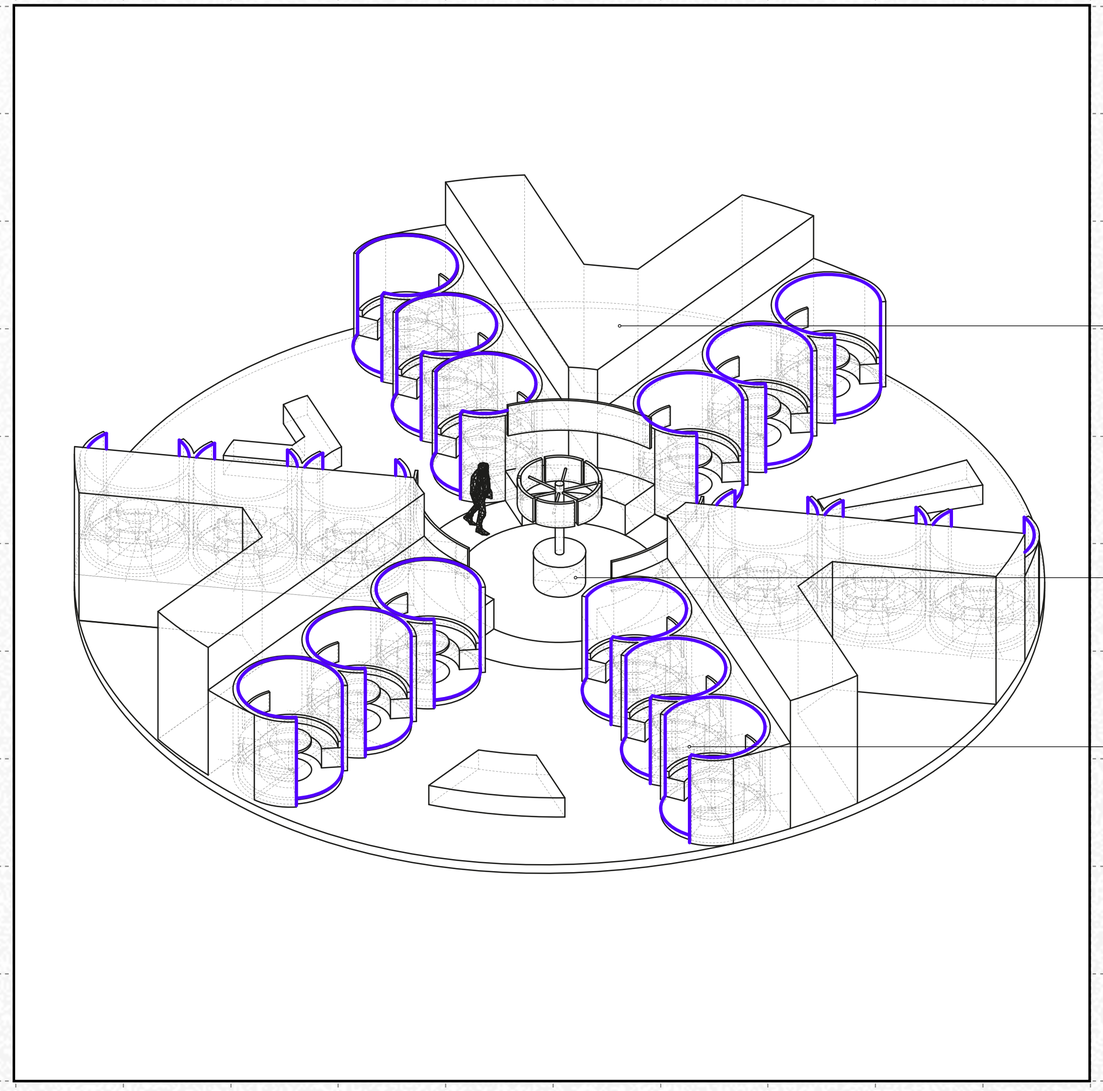
**– Semitransparent PV–Modules imprinted in different patterns –**



**Translation booths**

facilitates multi-lingual conversations

**Gathering space**

introduction and selection area for face-to-face talks

**Talking pods**

allows for intimate, personal conversations

## – Face-to-face talking pods –

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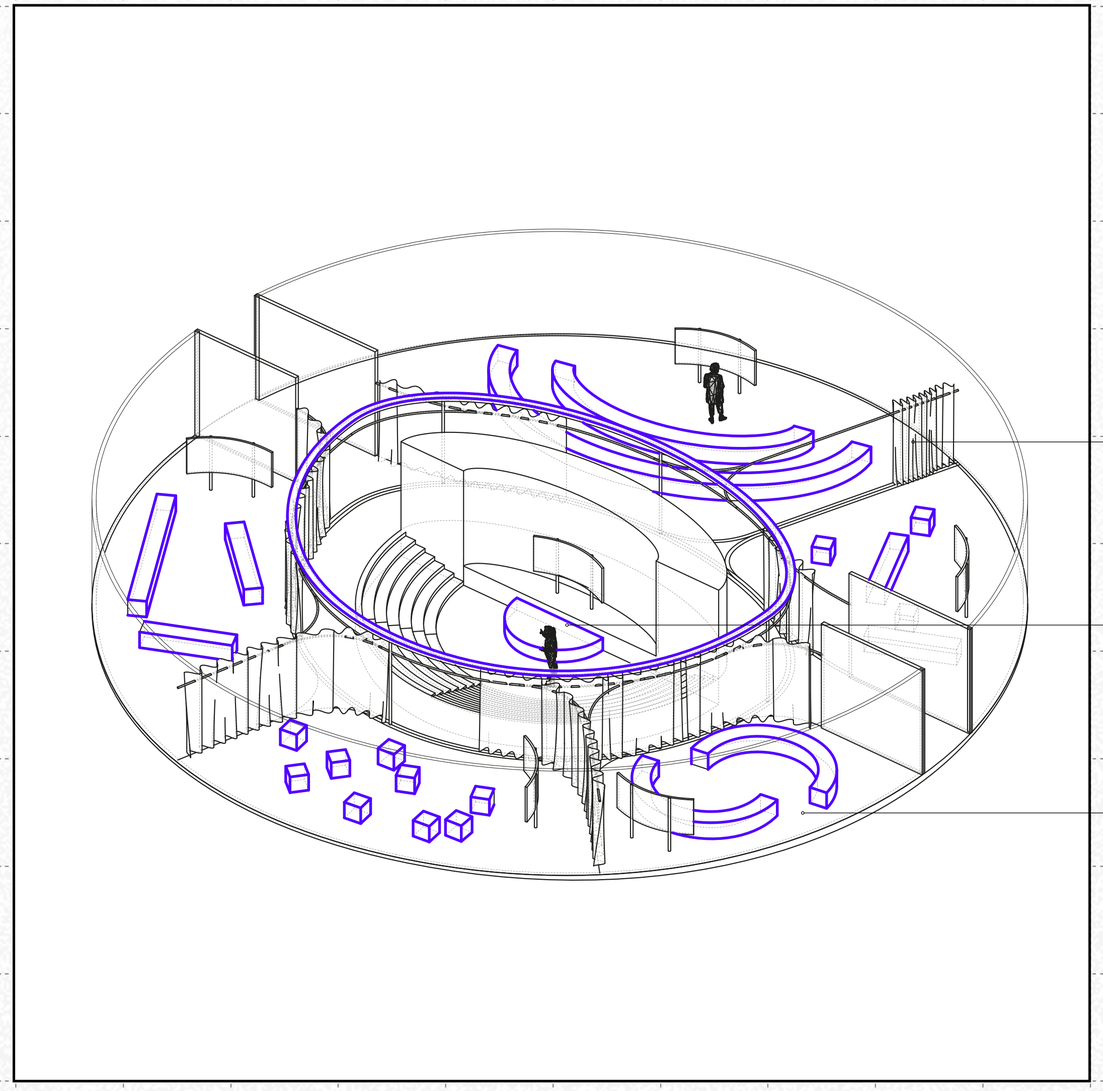


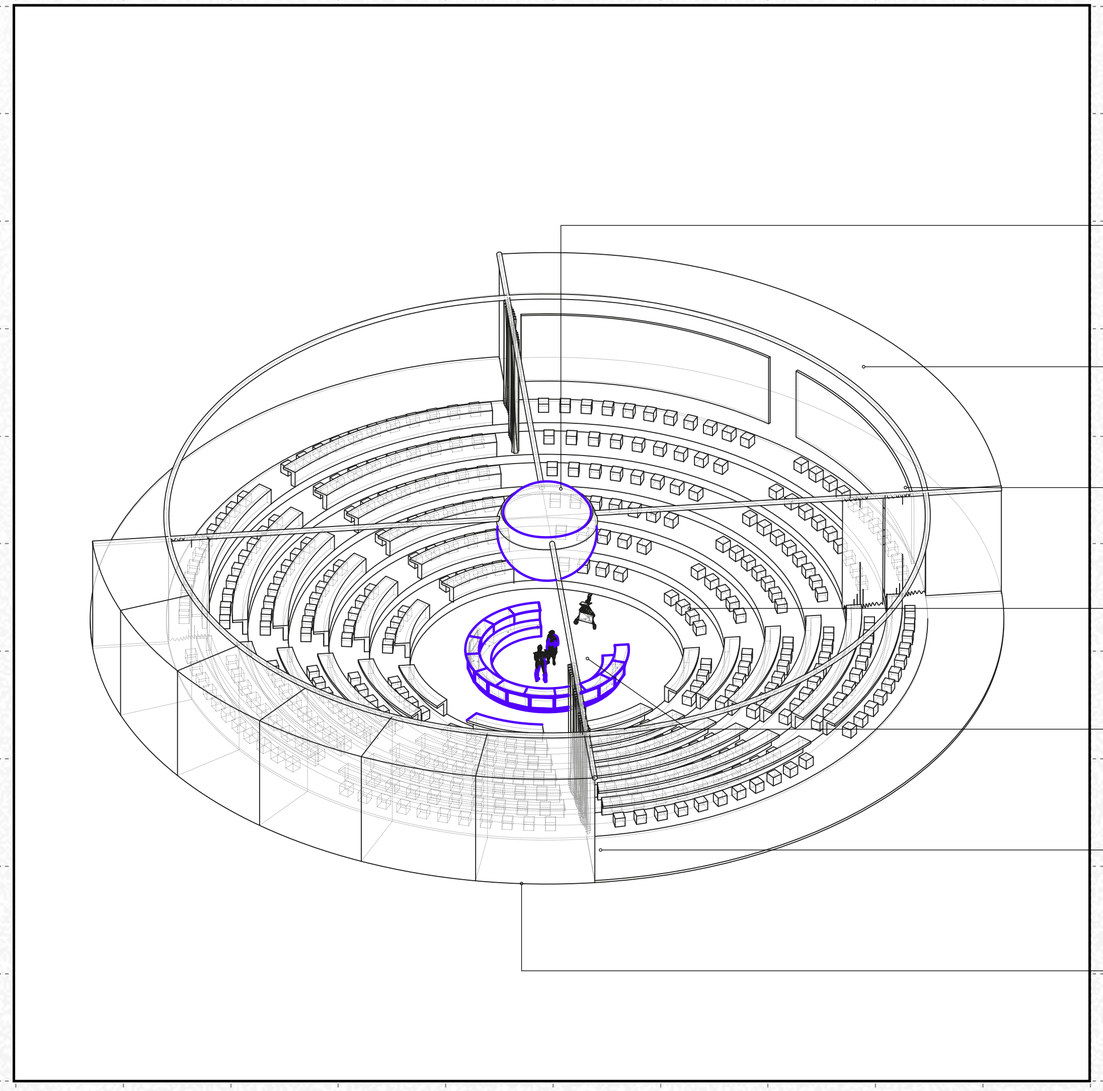
**Moveable curtain elements**
allows for changing room sizes

**Group stage**
introduction space for the group discussion stage

**Confrontational furniture**
allows for group discussions in relaxed atmosphere

## – Group conversation rooms –

Dissensusline



**Indicator sphere**
disseminating important decisions

**Control centre**
overviews the plenary seession and the broadcasting

**Information screens**
display facts and figures for the ongoing plenary session

**Public visitor’s tribune**
space for visitors to watch the pleanry session

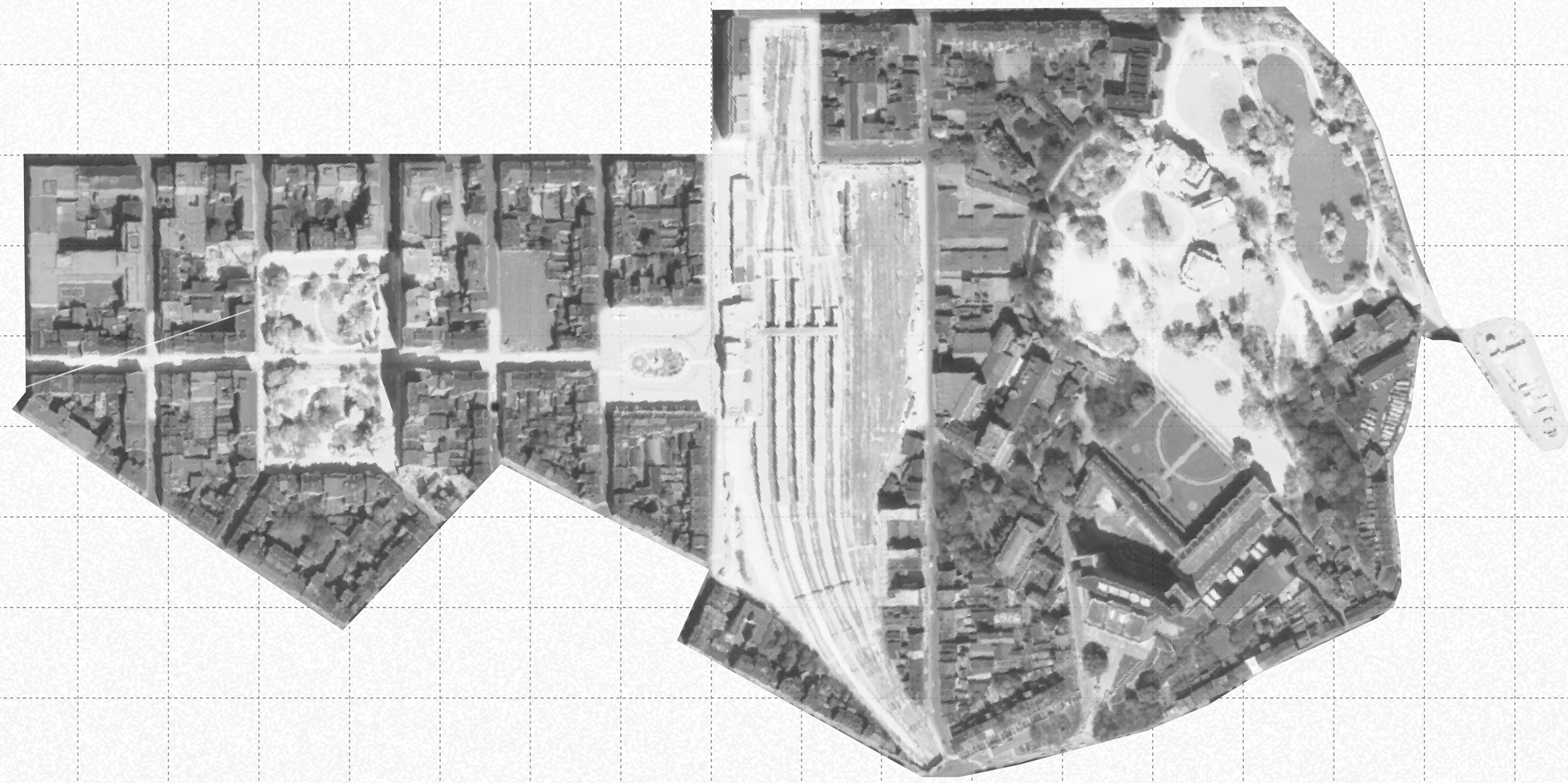
**TV Studio / speaker’s lectern**
focal point of the plenary where discussions in the form of TV debates will take place

**Moveable curtain elements**
allows for dividing the plenary hall

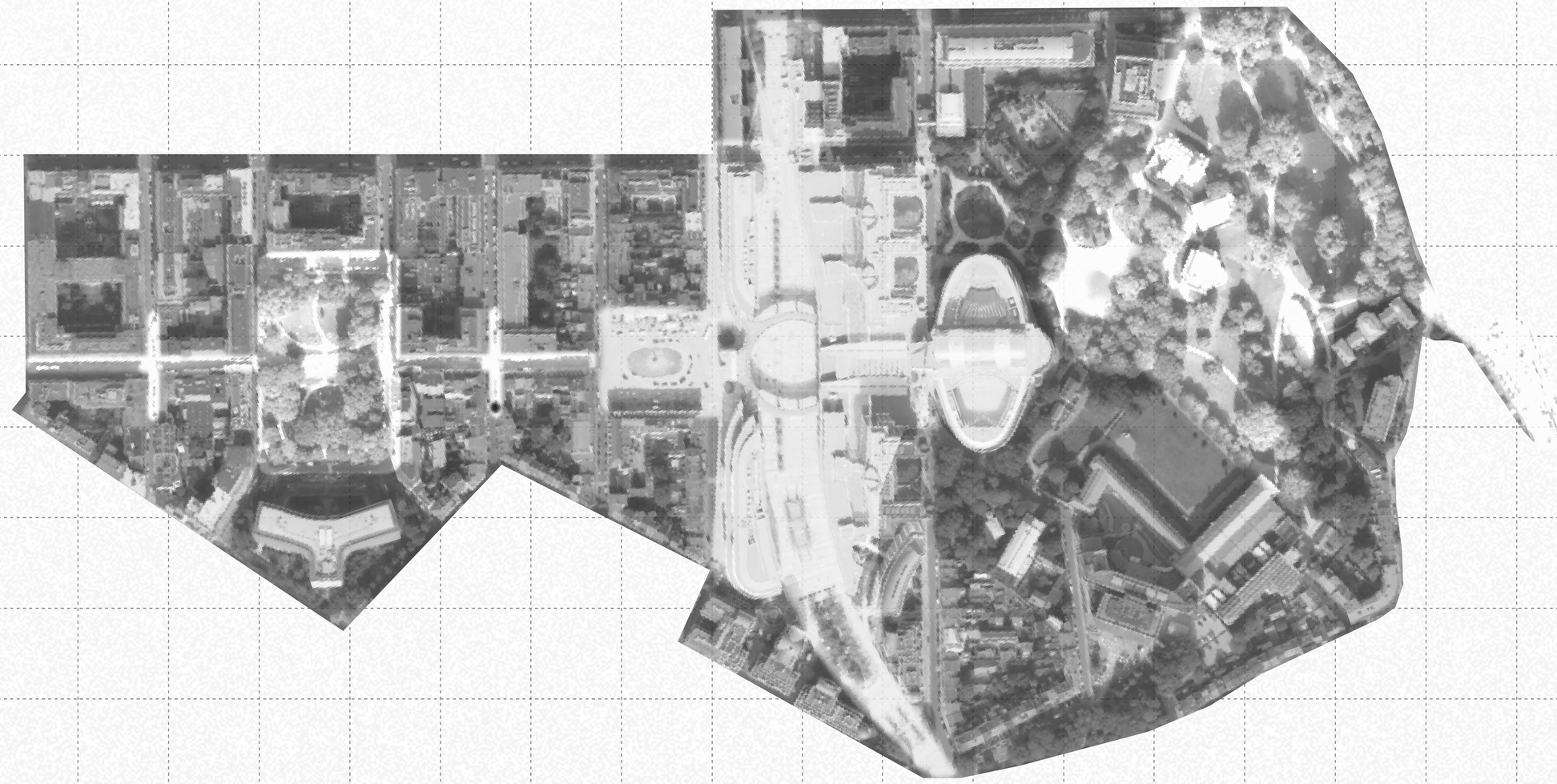
**Translation booths**
facilitates multi-lingual conversations

# – Plenary hall / Broadcasting studio –

Dissensusline



– Rue du Luxembourg 1971 –



– Rue du Luxembourg 2022 –



– Rue du Luxembourg –



– Rue Belliard –



– Rue de la Loi –

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– Place du Luxembourg –



– Place Jean Rey –



– Rond point Schuman –

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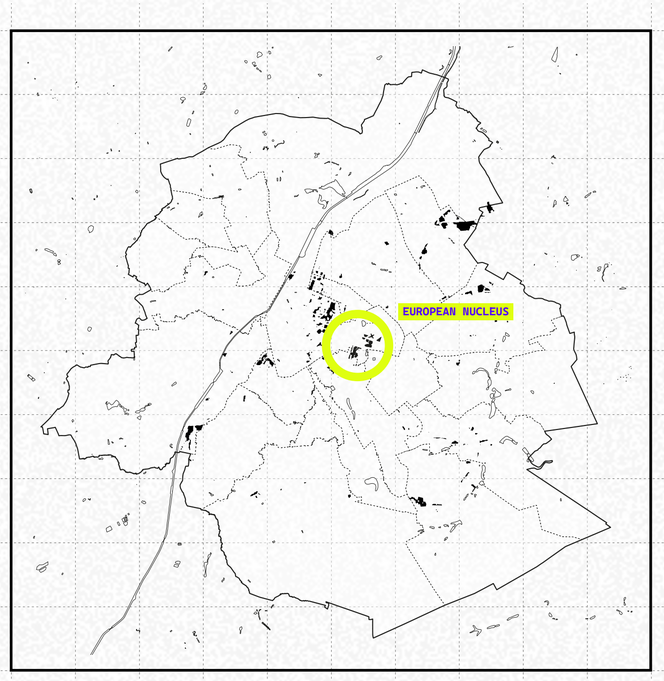
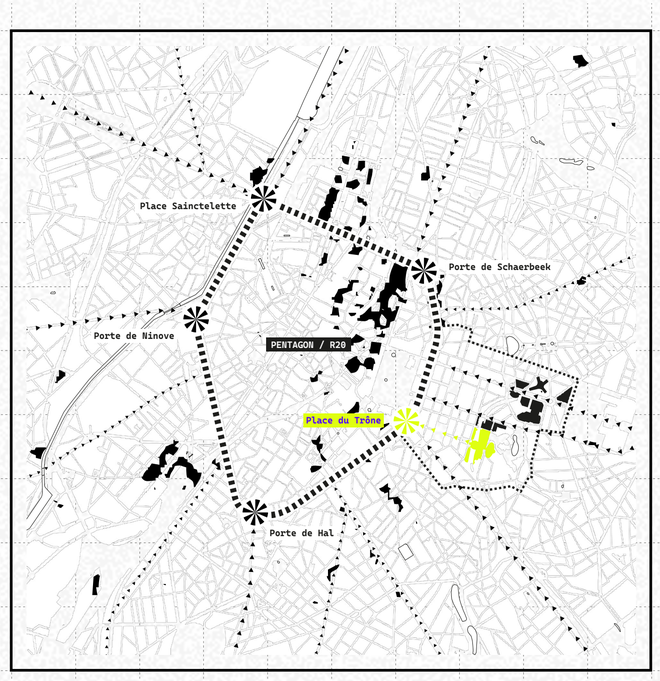
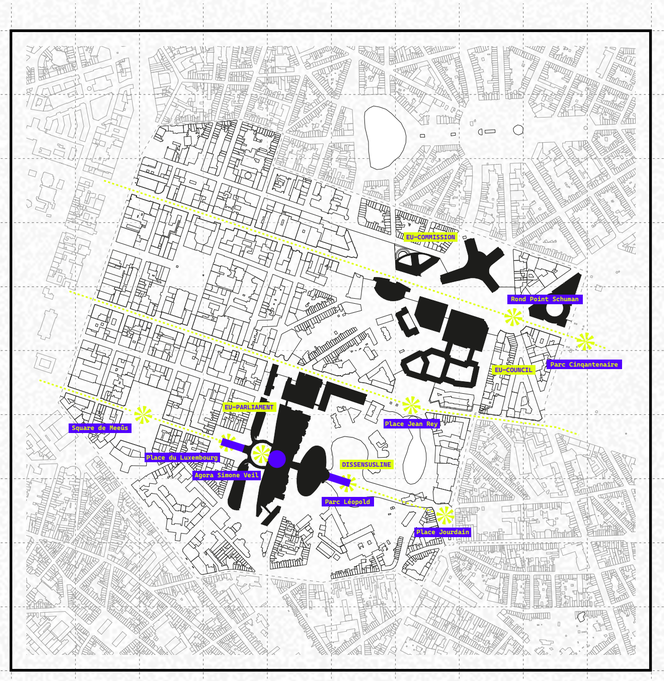



– Brussels –

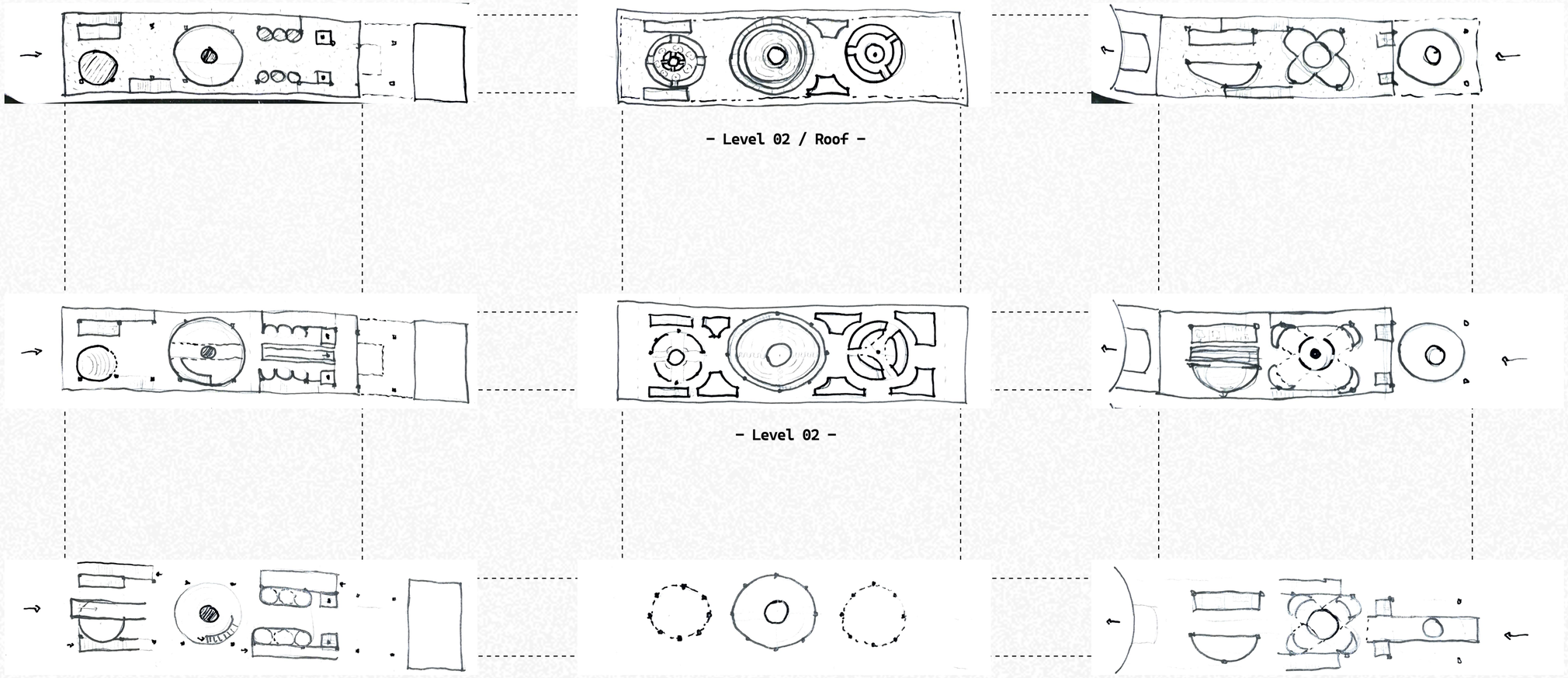



– Main axis –




– European quarter –

Dissensusline



– Level 02 / Roof –

– Level 02 –

– Level 01 / Ground floor –

– Sketch floor plans –



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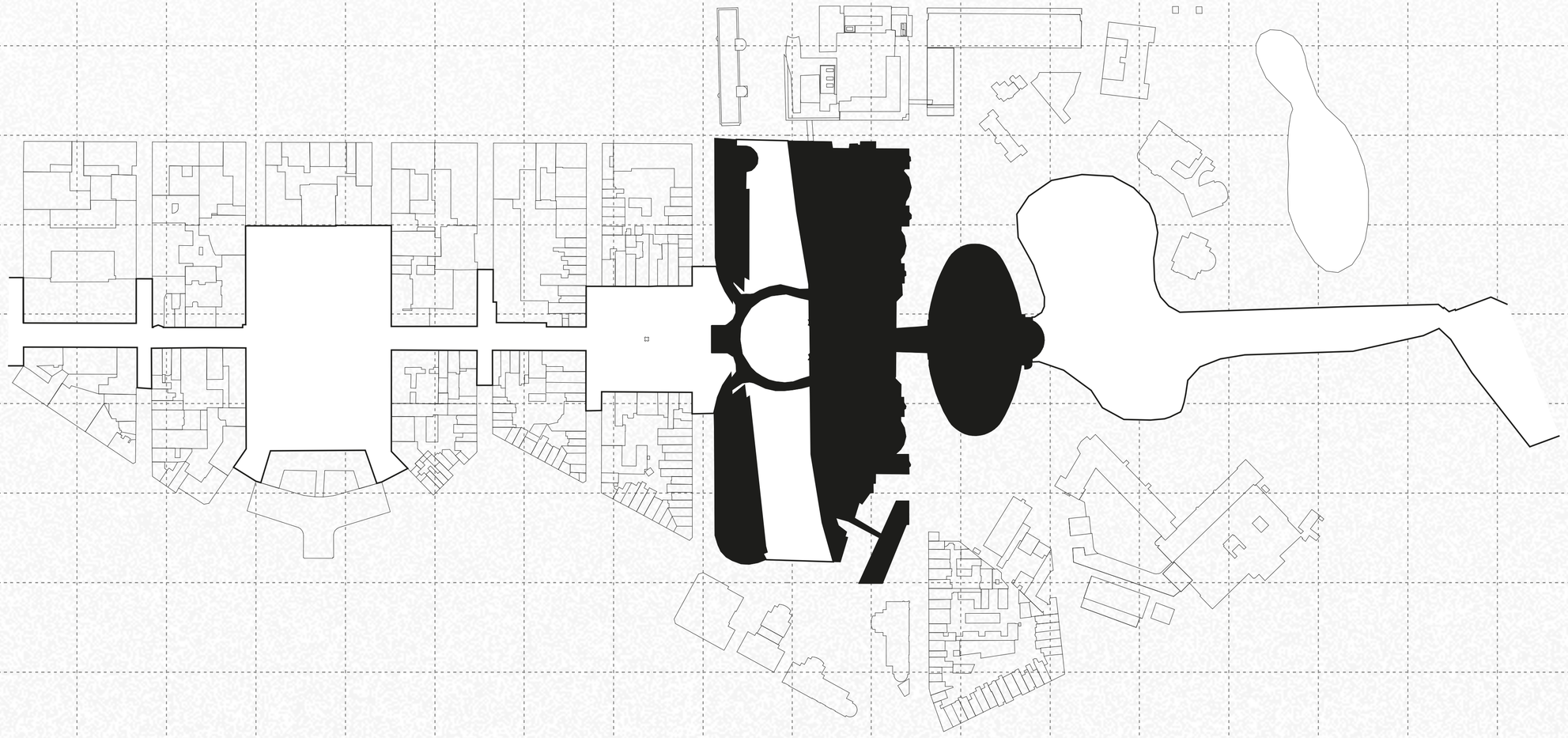
Dissensusline



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– Rue du Luxembourg –



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**EU-Parliament as seen from Rue du Luxembourg**



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The symbolic boundaries criss-crossing the EU District are also visible in the production of space surrounding Place Lux. Whereas Place Lux itself is a lively area surrounded by old Bruxelleois bourgeois houses, with cafés, bars and restaurants; it has a posh, play-area status (during the day it has the atmosphere of pulsating urban life; however, this is only during the week) for juniors in EU-space. Right in front of the Parliament there is a huge, stone-covered elongated space in the shadow of the enormous glass walls of the EU Parliament buildings. This is Lefebvre's "conceived space", which was initially designed by architects to symbolize Europe, but the "lived space", the lived experience of this space is rather scarce here.

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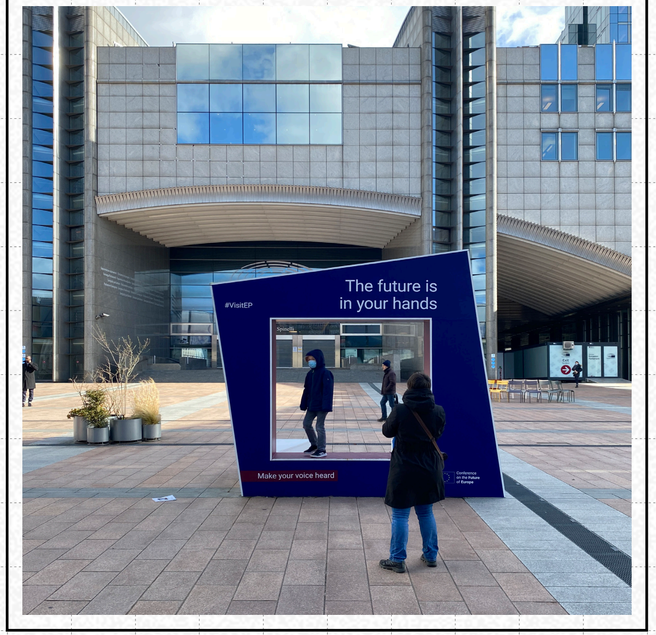



– Agora Simone Veil –

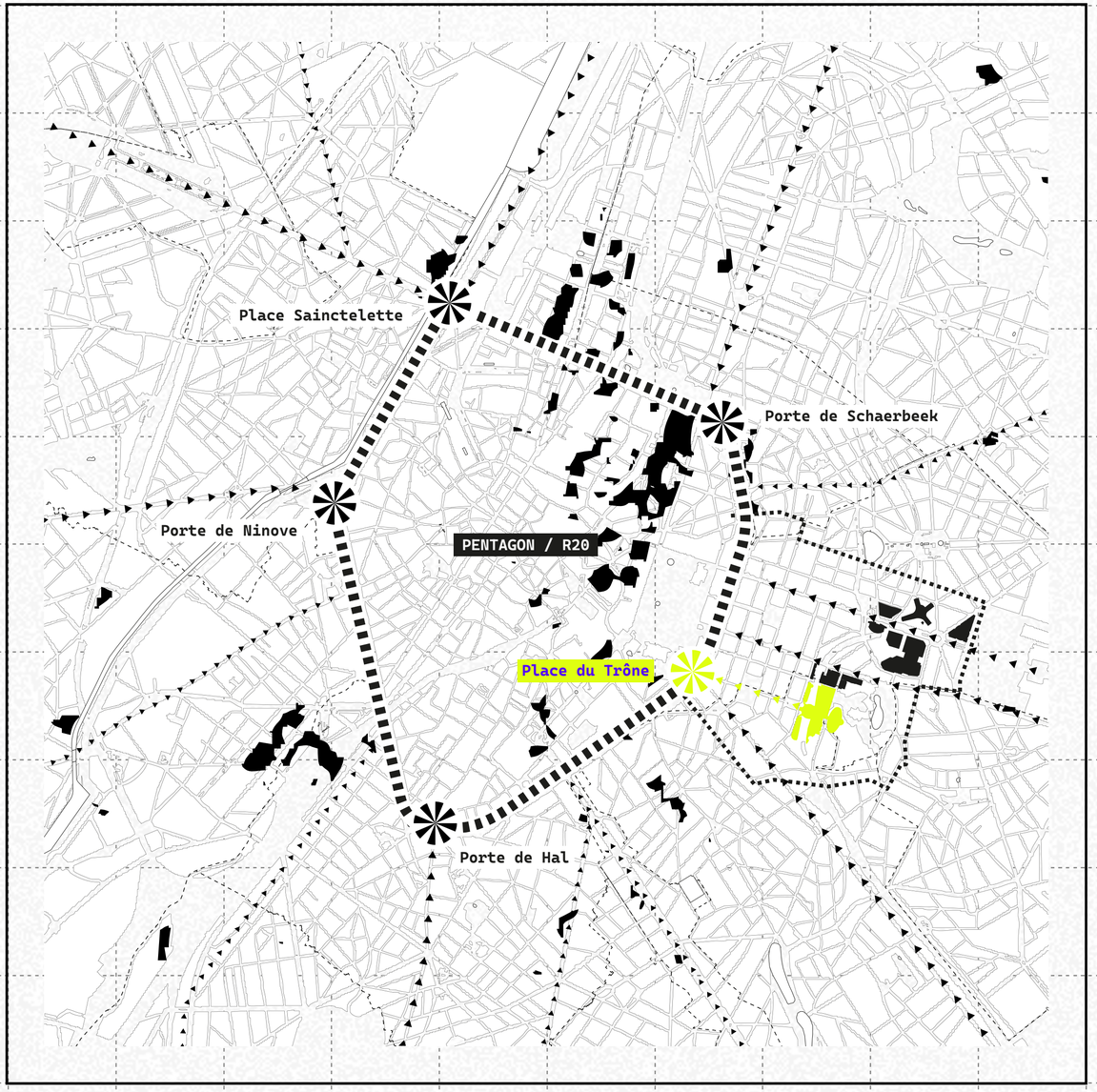


– Rue Wiertz –

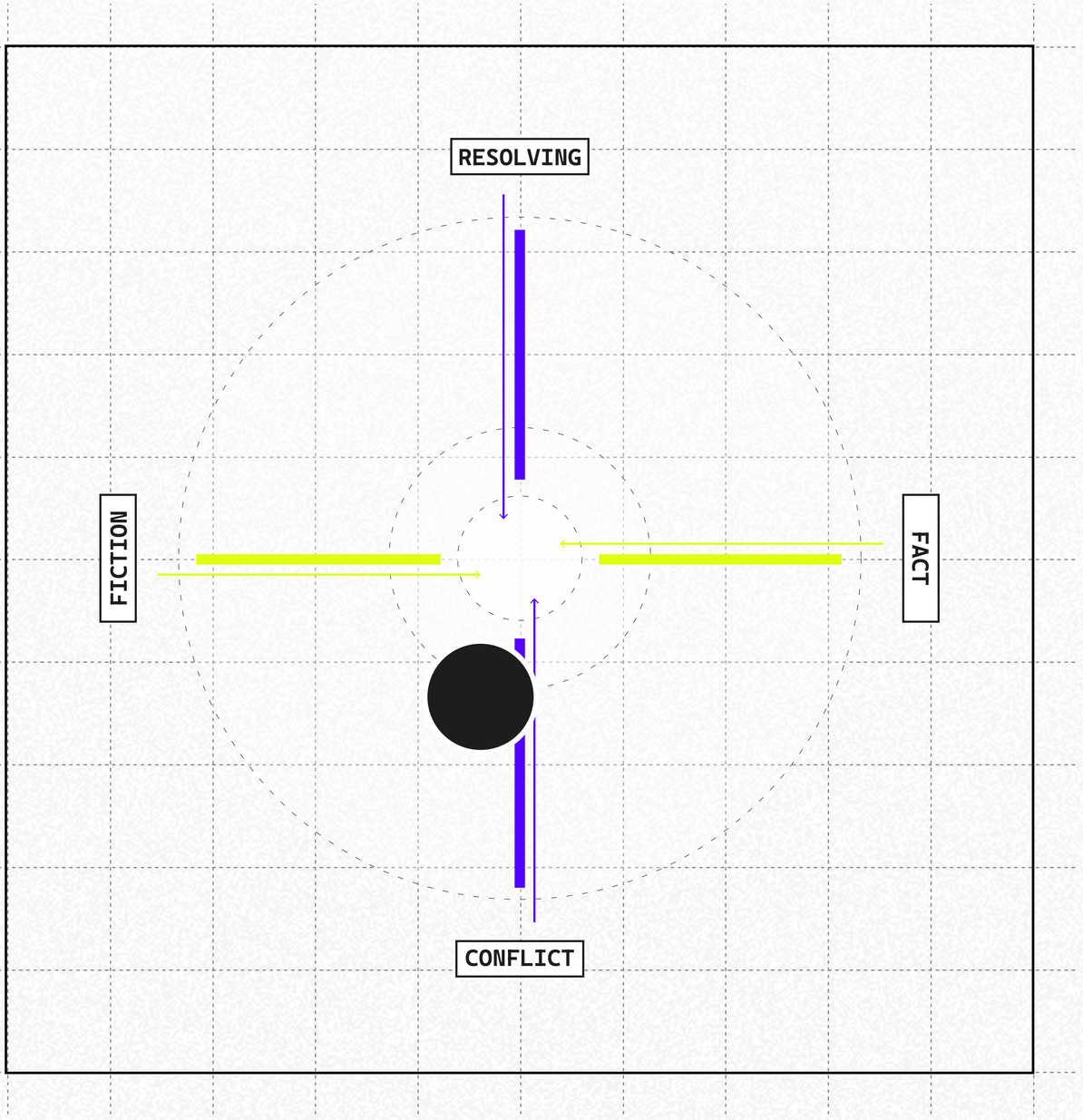


– Paul-Henri-Spaak building –

Dissensusline


Place Sainctelette
Porte de Schaerbeek
Porte de Ninove
PENTAGON / R20
Place du Trône
Porte de Hal

– Main axis –




– Political axis –

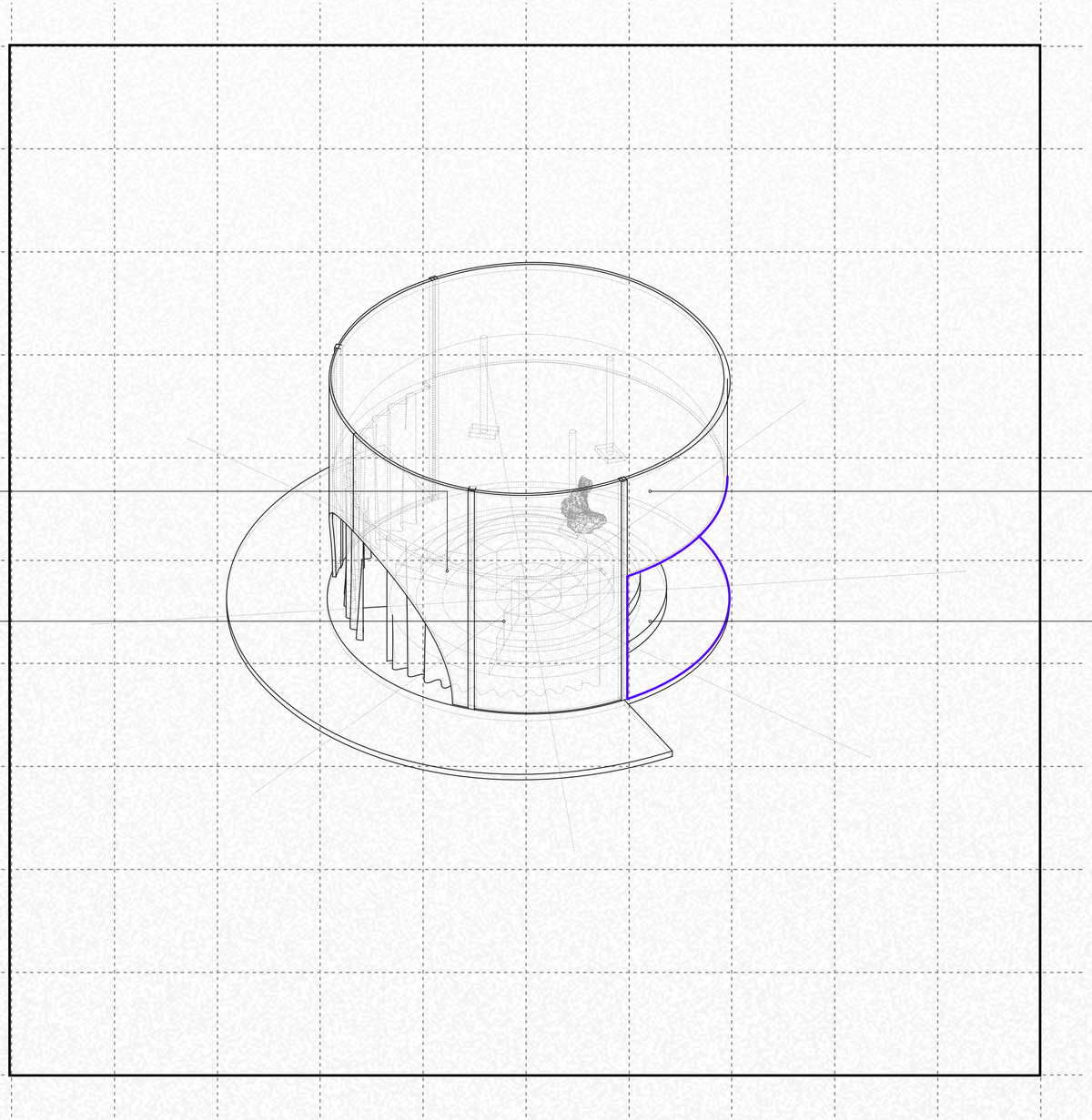
Dissensusline

**Seating furniture**

directs the views onto the canvas

**Control board**

enables to adjust the digital feed



**Projectors**

projecting the digital feeds on the canvas

**Transparent canvas**

displays digital bubbles, visible as well from outside

Dissensusline

**– Echo chambers –**



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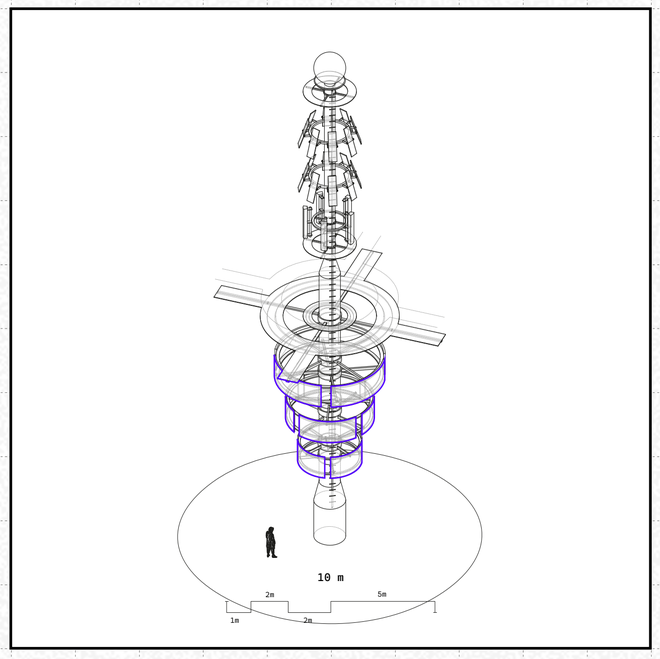
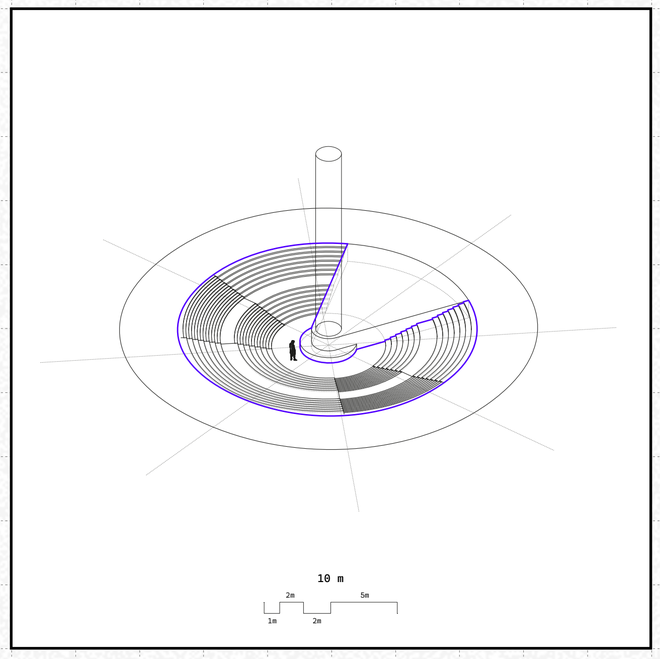
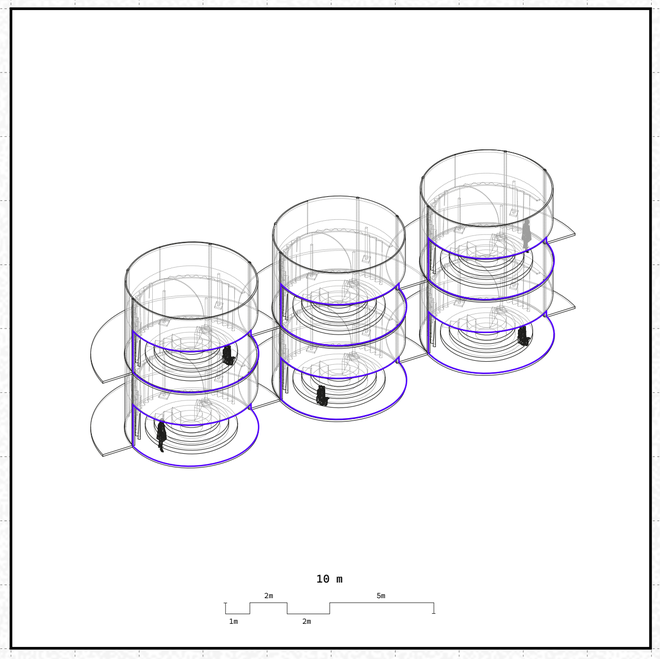



## – Broadcasting tower –



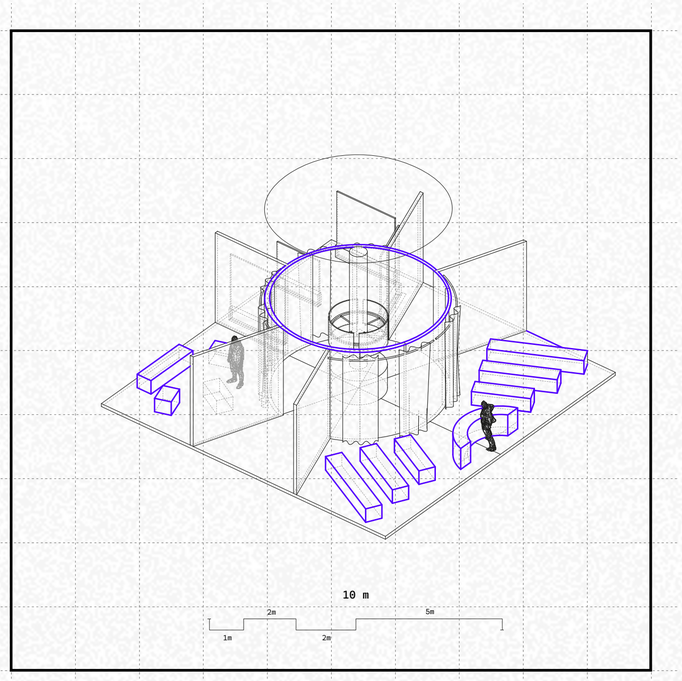

## – Public agora –



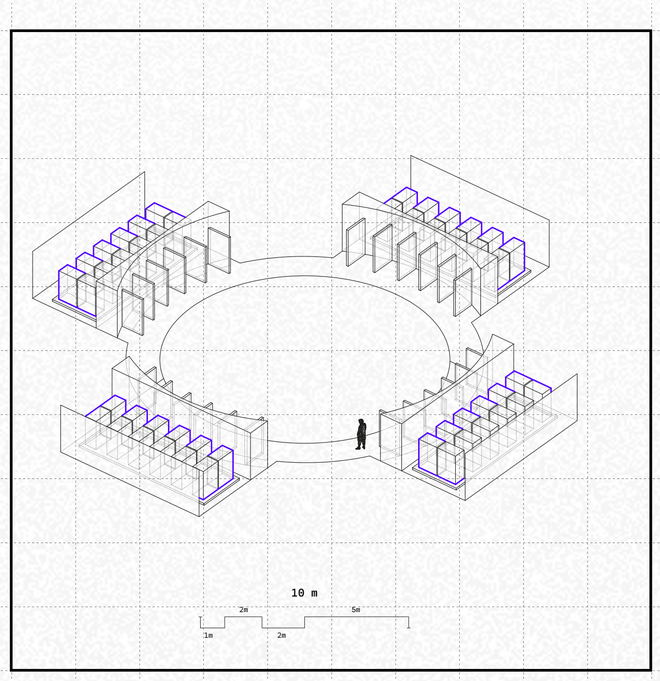

## – Echo chambers –

Dissensusline

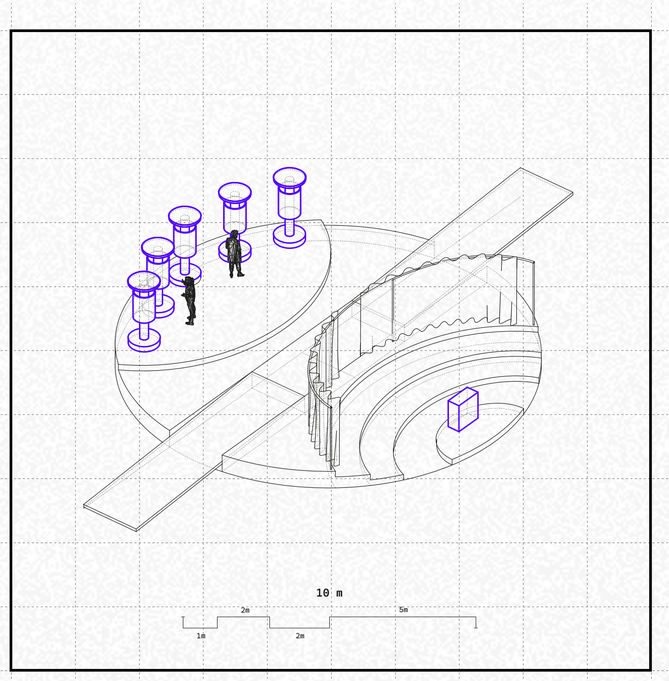
## – Assembly spaces –




– Data collection and archival points –

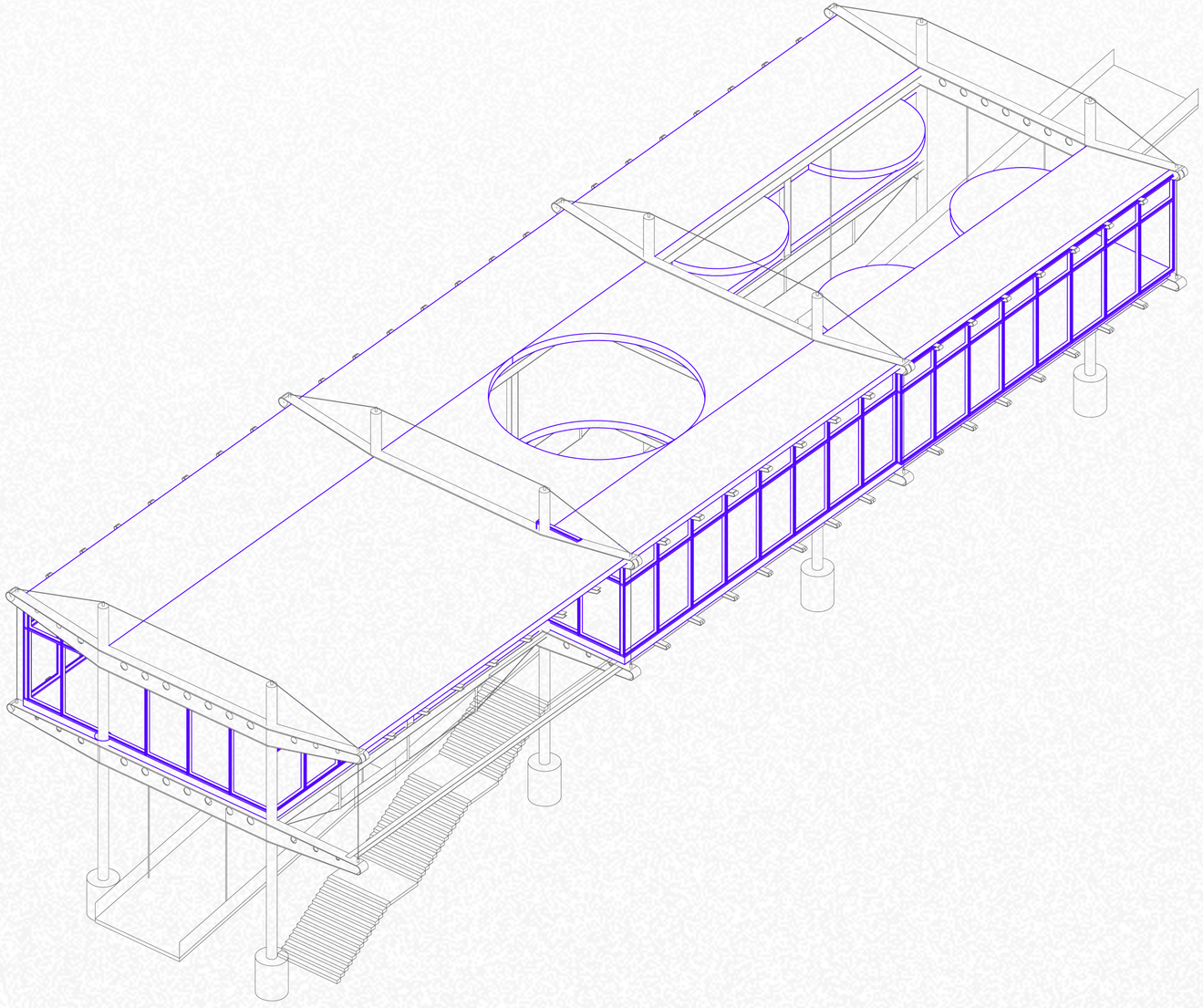


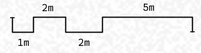

– Broadcasting tower –




– Echo chambers –

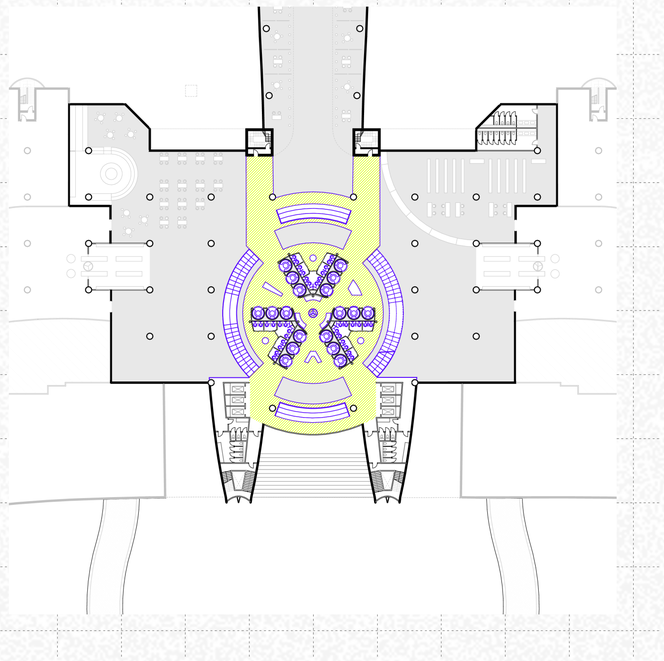
– Information spaces –

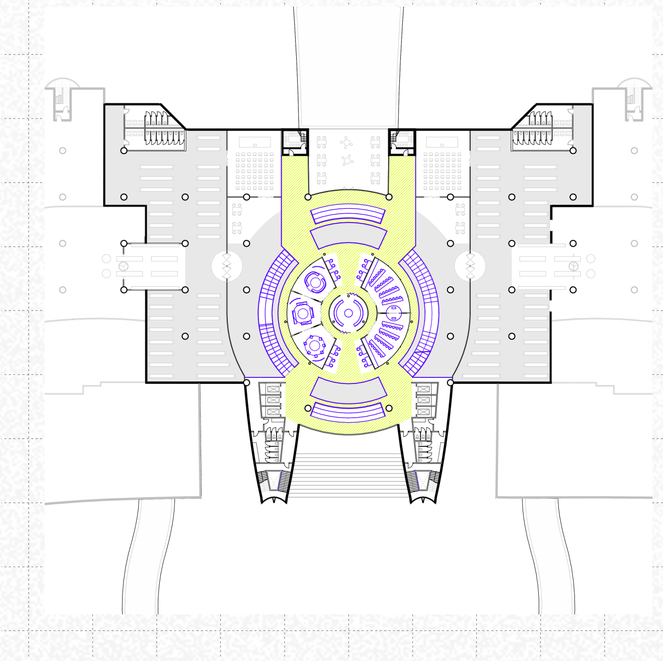


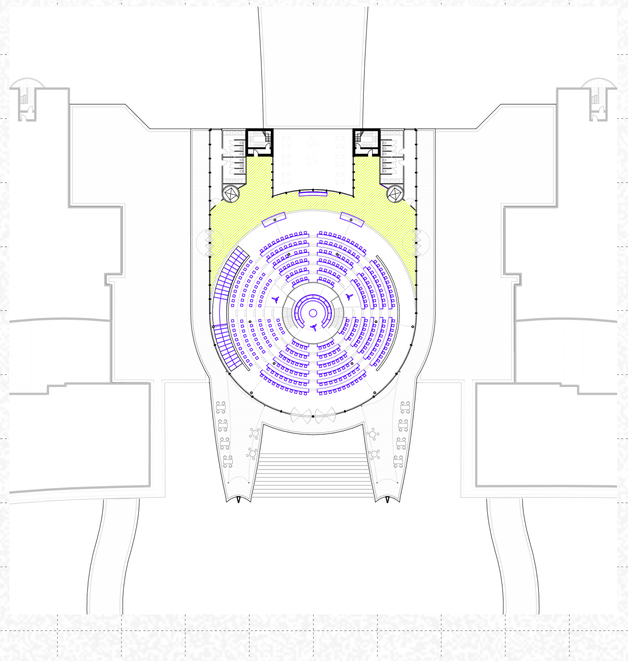



**– Stiffended steel frames –**

Dissensusline







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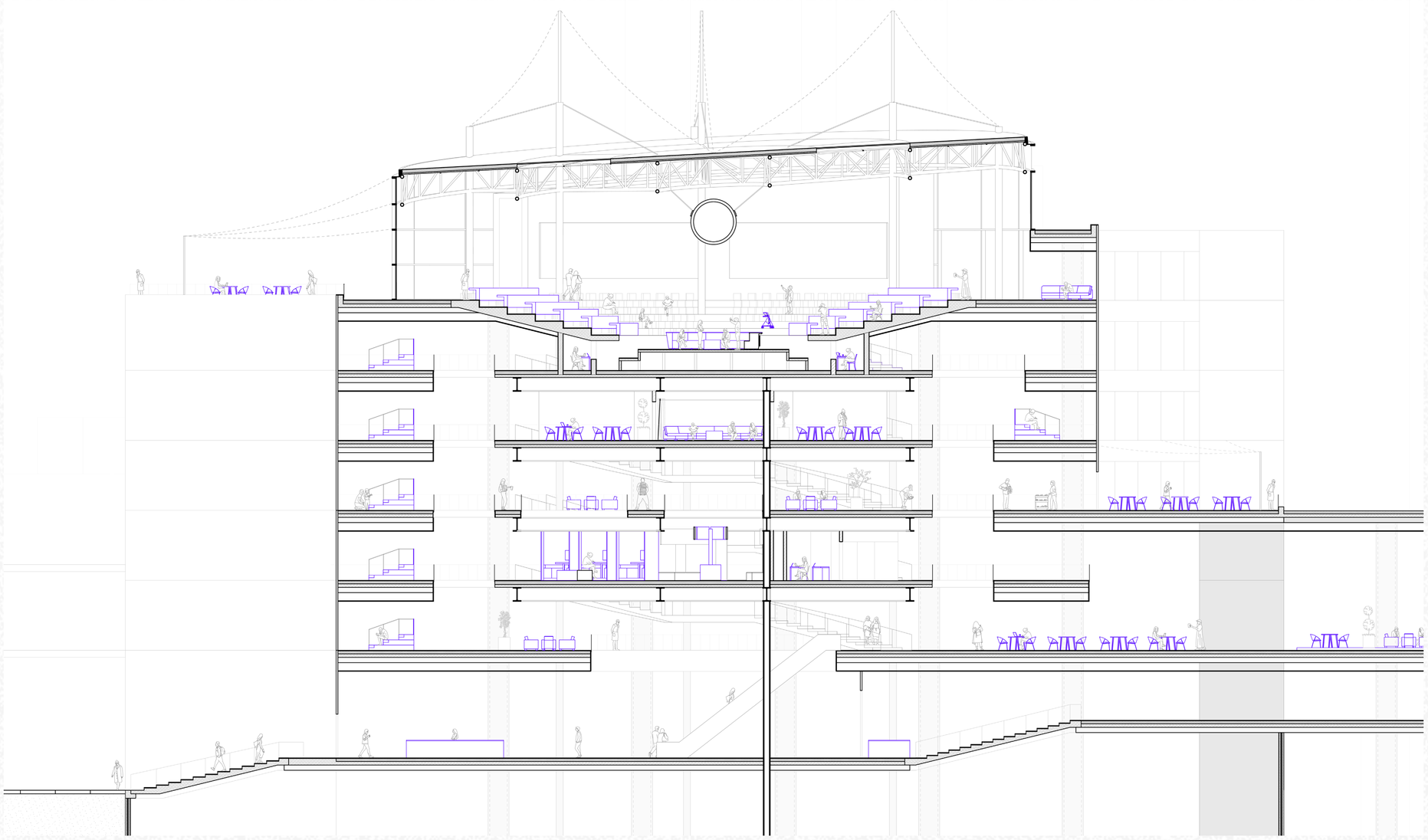
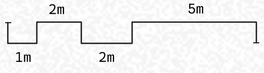


## – Section Focal point –

1:100

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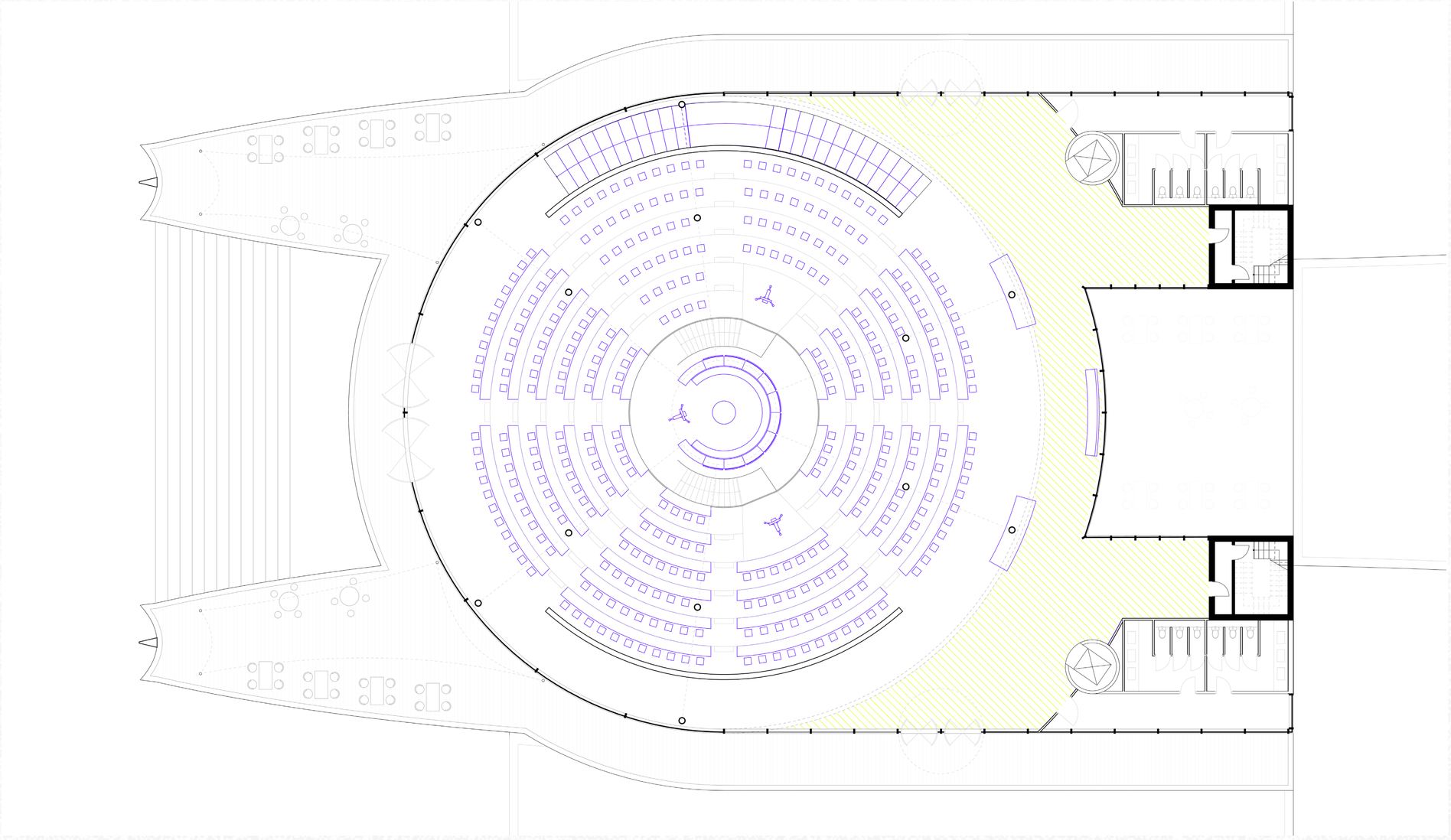

**– Floor plan Plenary Hall –**

1:100



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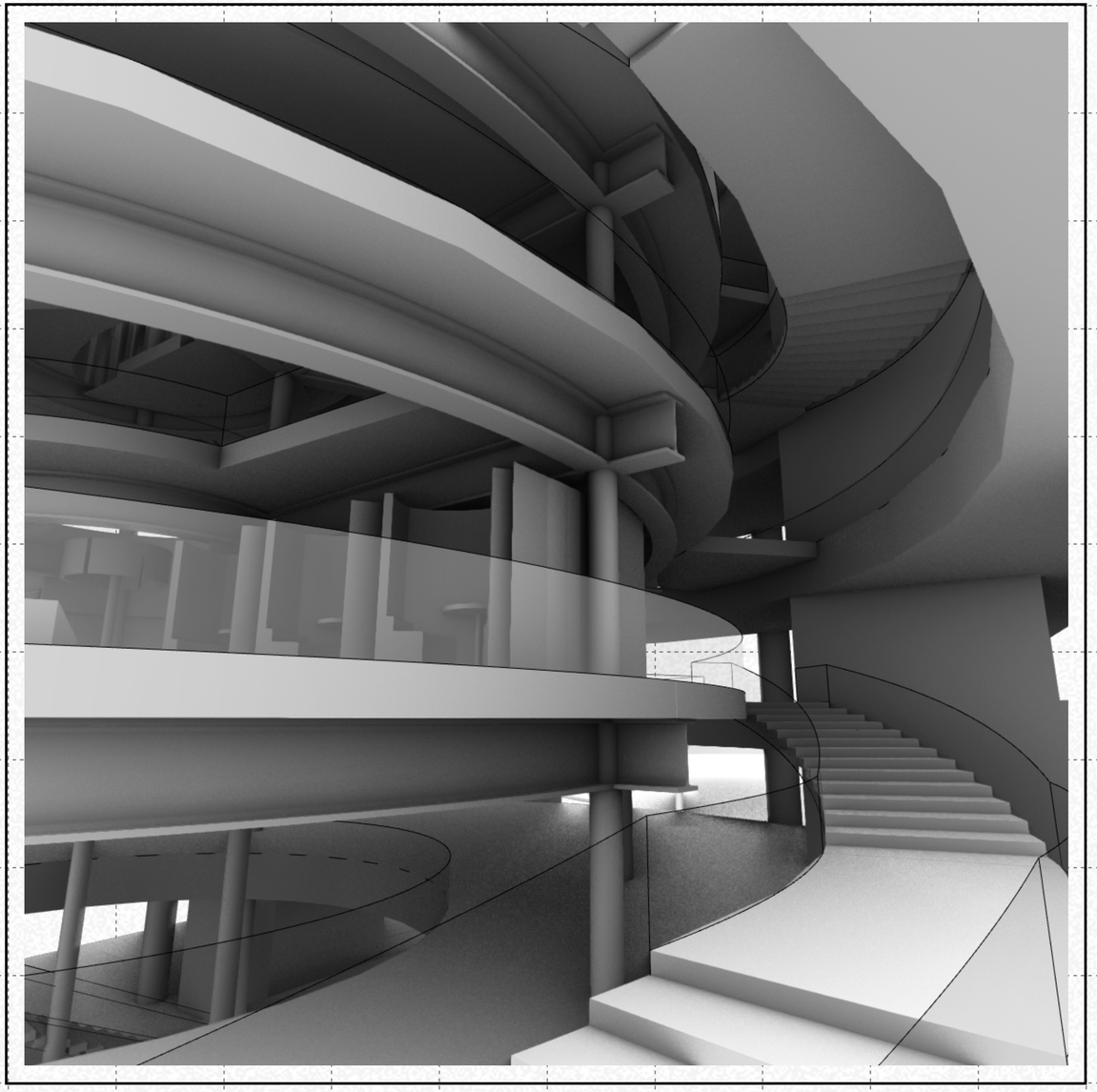
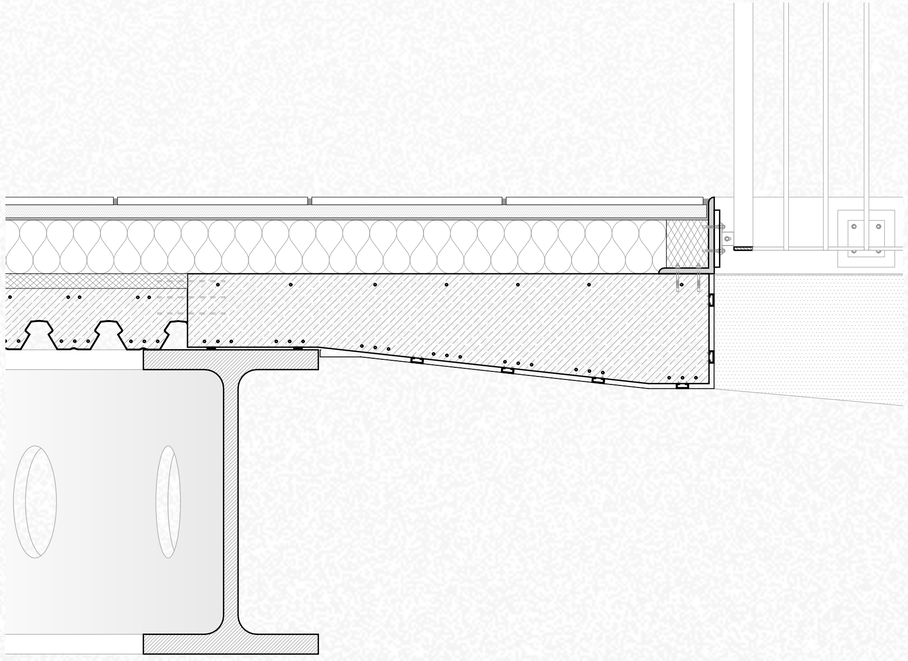
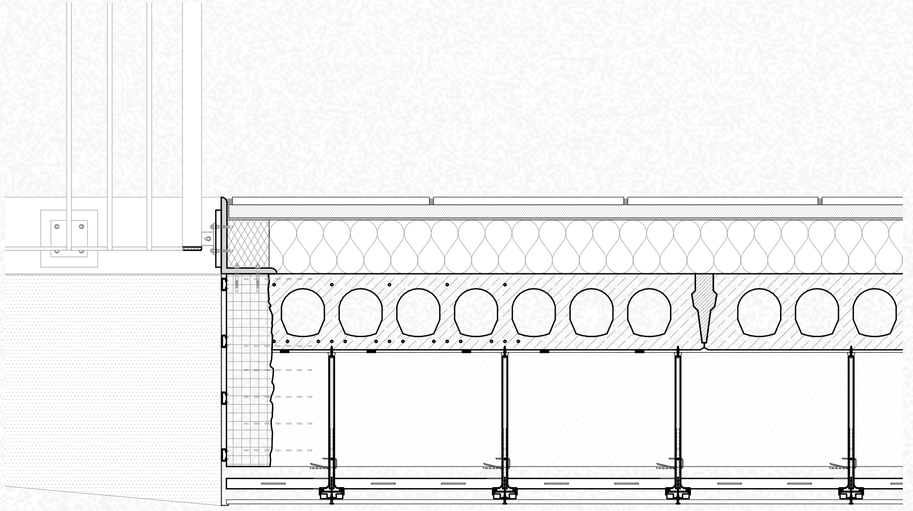


– Plenary hall –

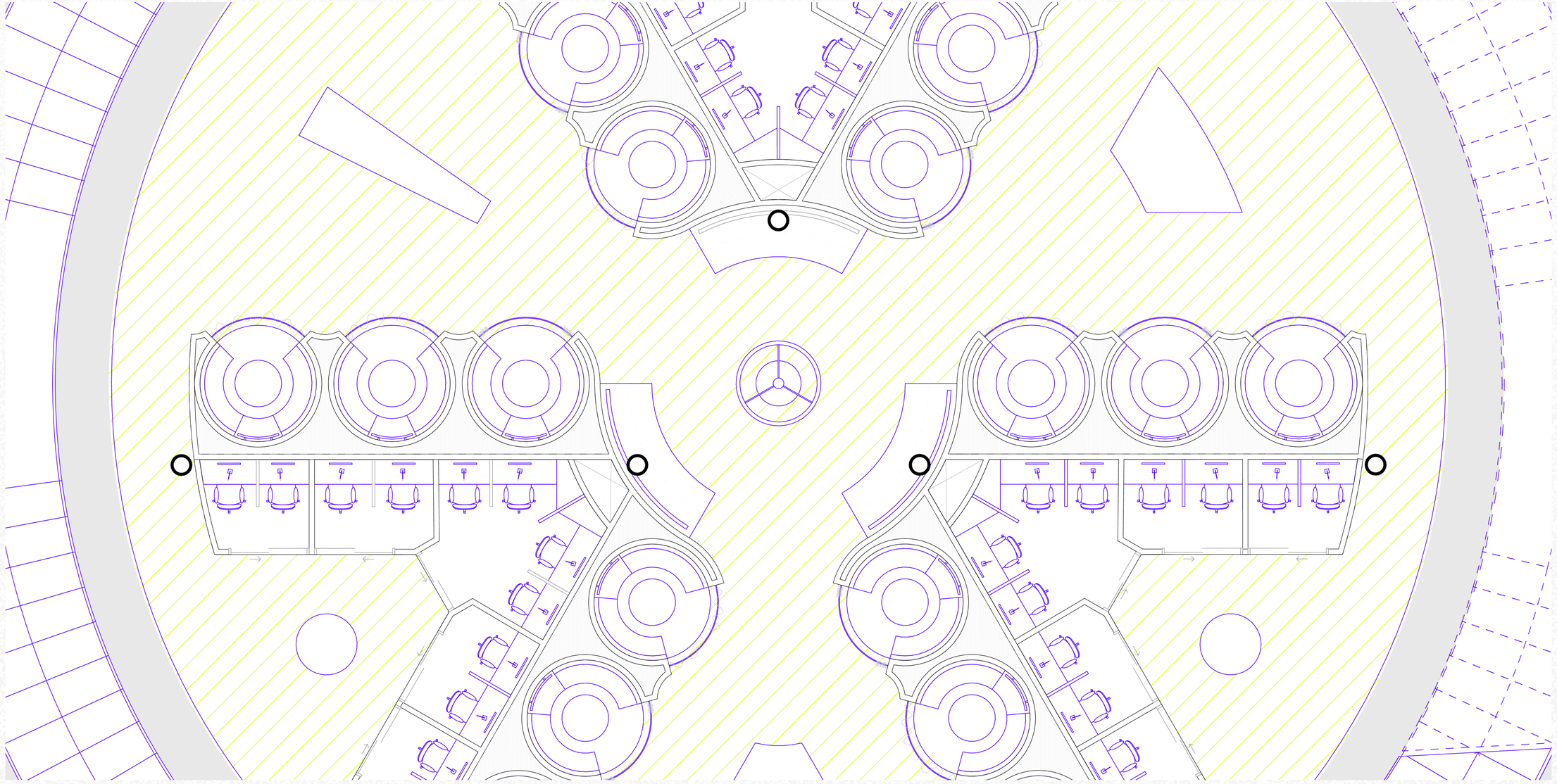


Dissensusline





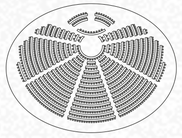
Dissensusline



**– Floor plan face–to–face talking pods –**

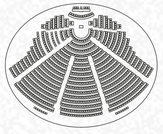
1:50

Dissensusline



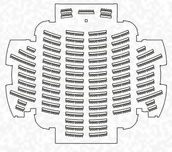
**EU Strasbourg**

906 seats
Semi-circle



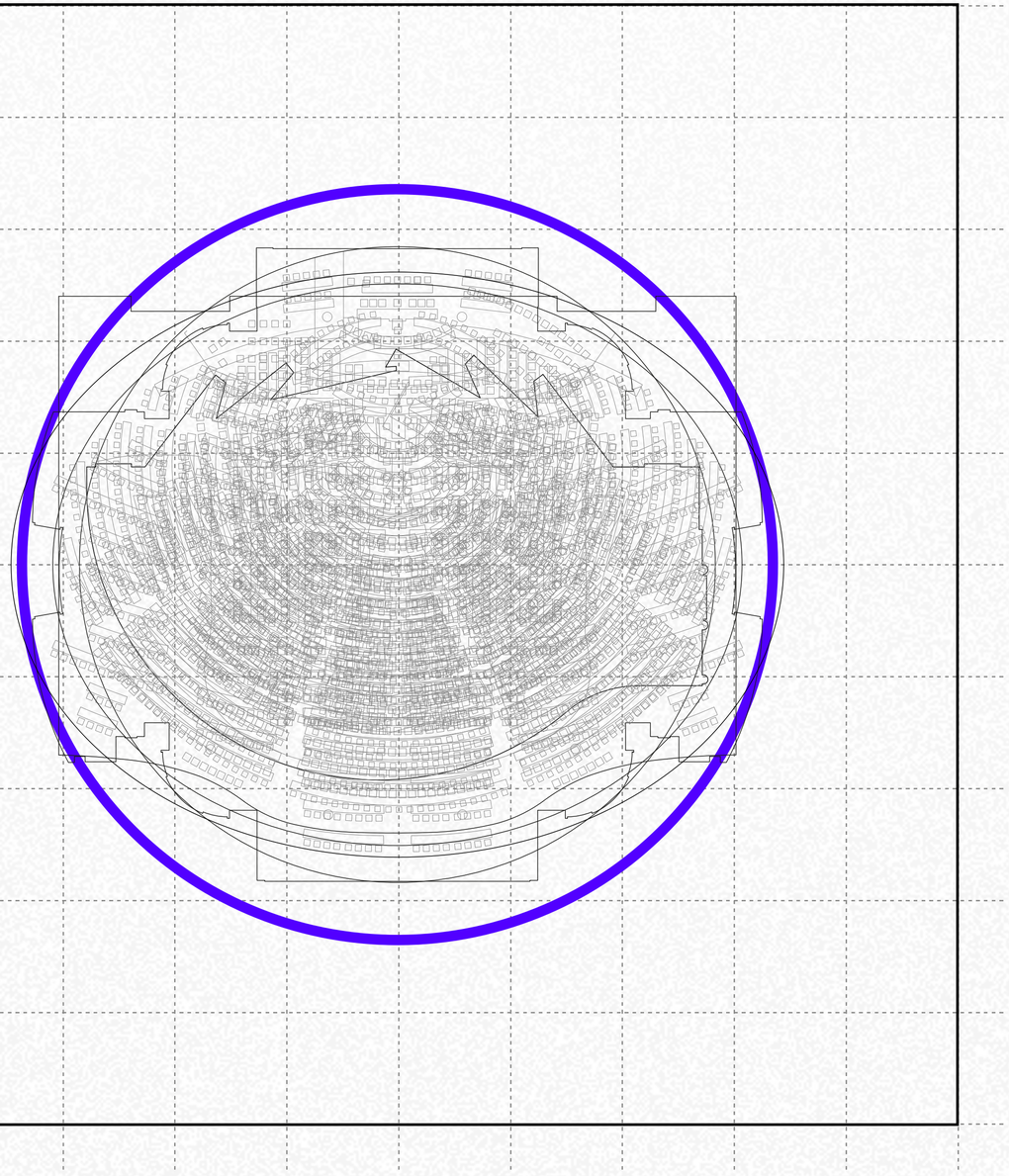
**EU Brussels**

876 seats
Semi-circle



**UN Geneva**

632 seats
Class room



**– EU sphere –**



**Germany**

647 seats
Semi-circle



**Netherlands**

259 seats
Semi-circle



**Chandigardh**

396 seats
Class room

Dissensusline

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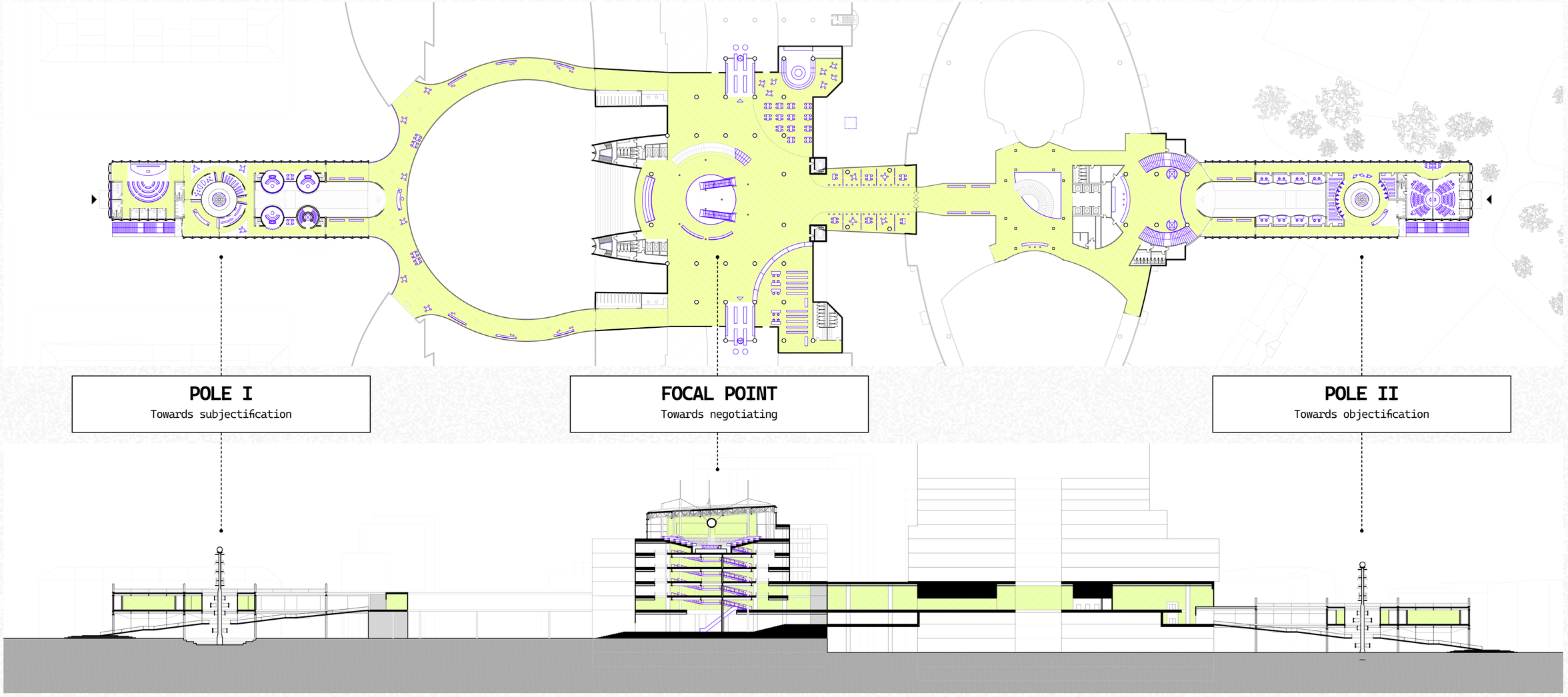
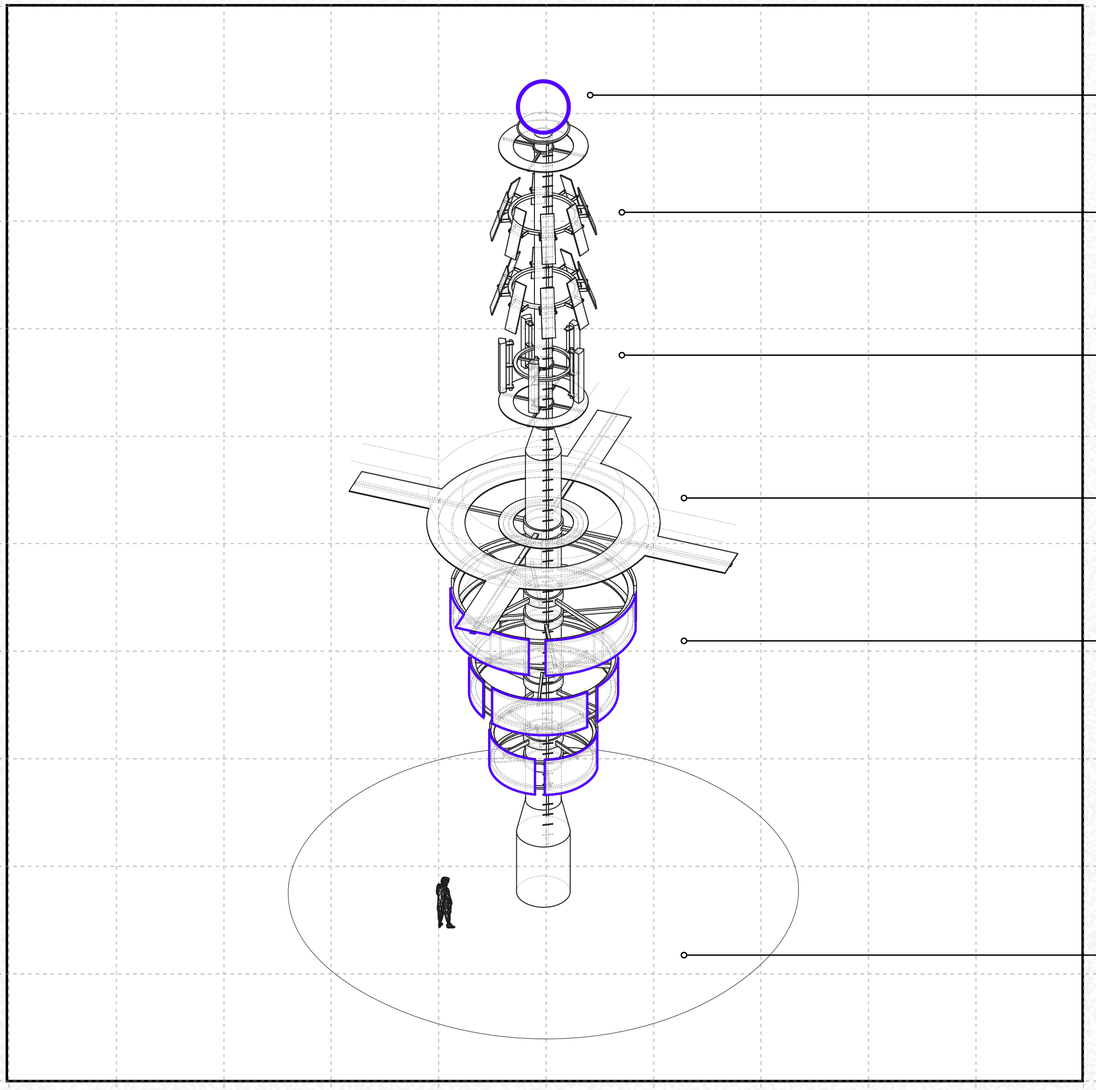



Dissensusline

Dissensusline

## – Public level –

1:500



**Indicator sphere**
disseminating important decisions

**Solar panels**
powering the broadcasting tower

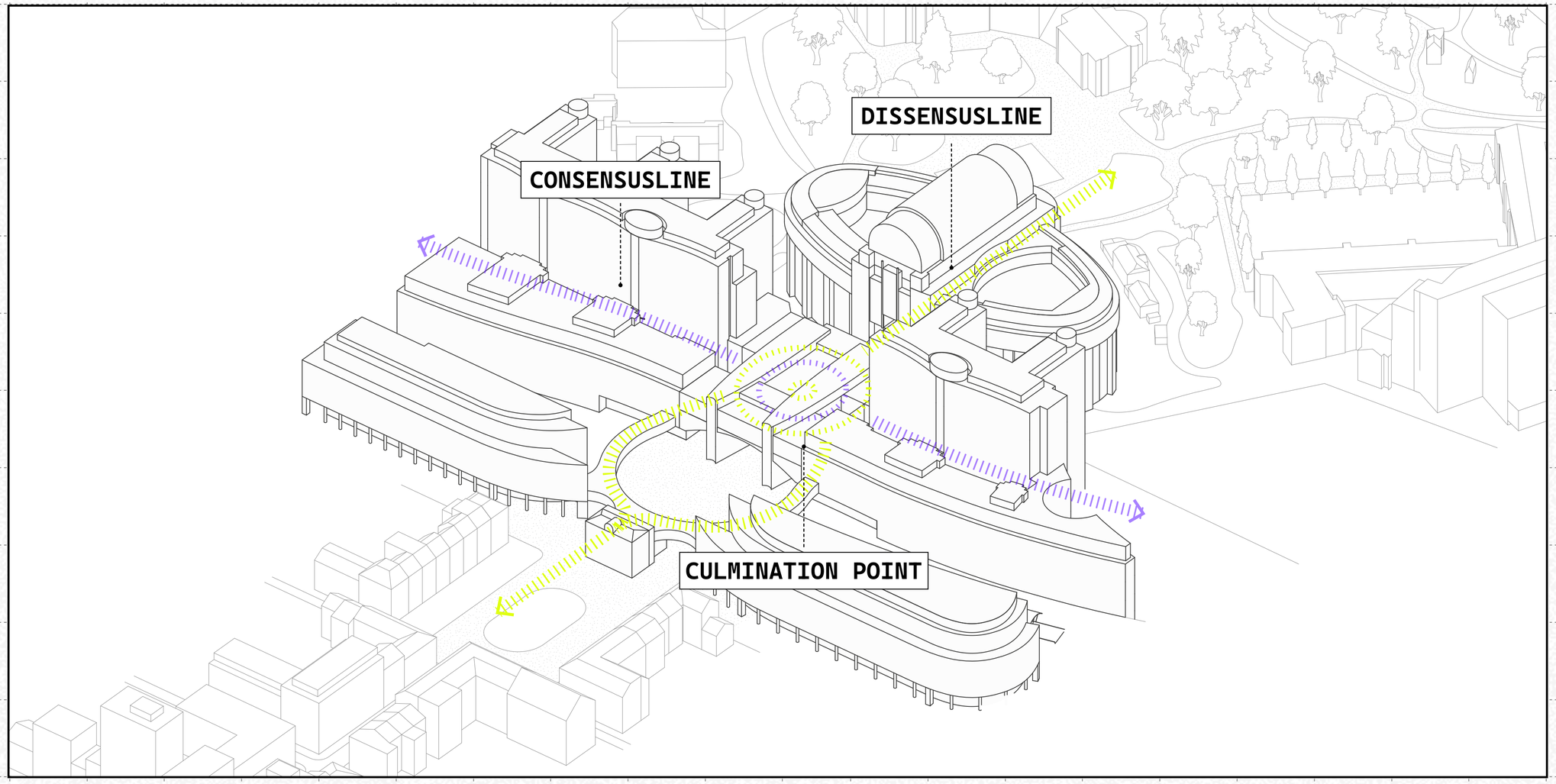
**Radio transmitter**
enables powerful wireless connection

**Public walkway**
connects the upper levels

**Information screens**
displays the news on different stages:
local, EU-wide, global

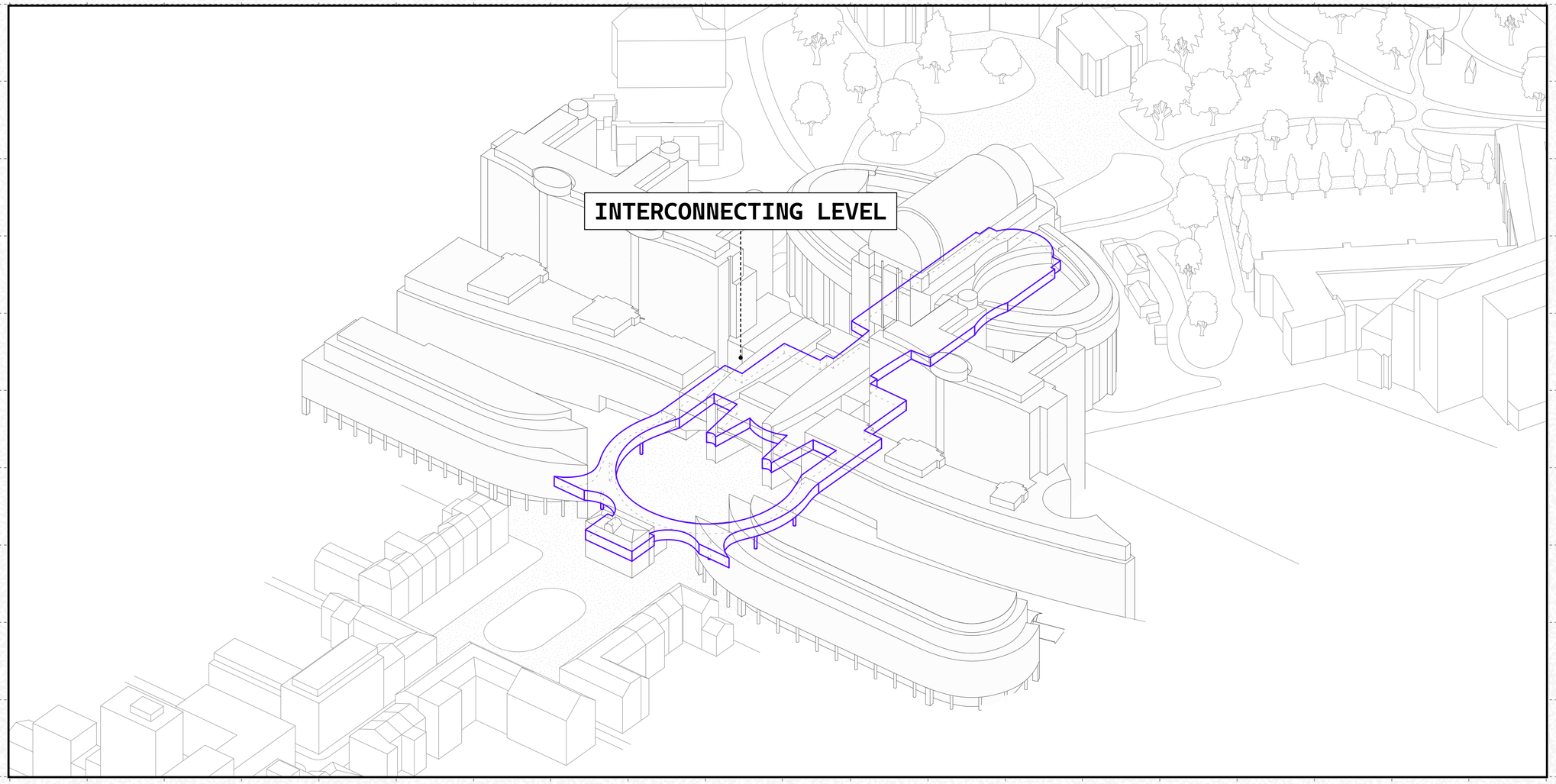
**Public agora**
offering space for public gatherings

# – Broadcasting tower –

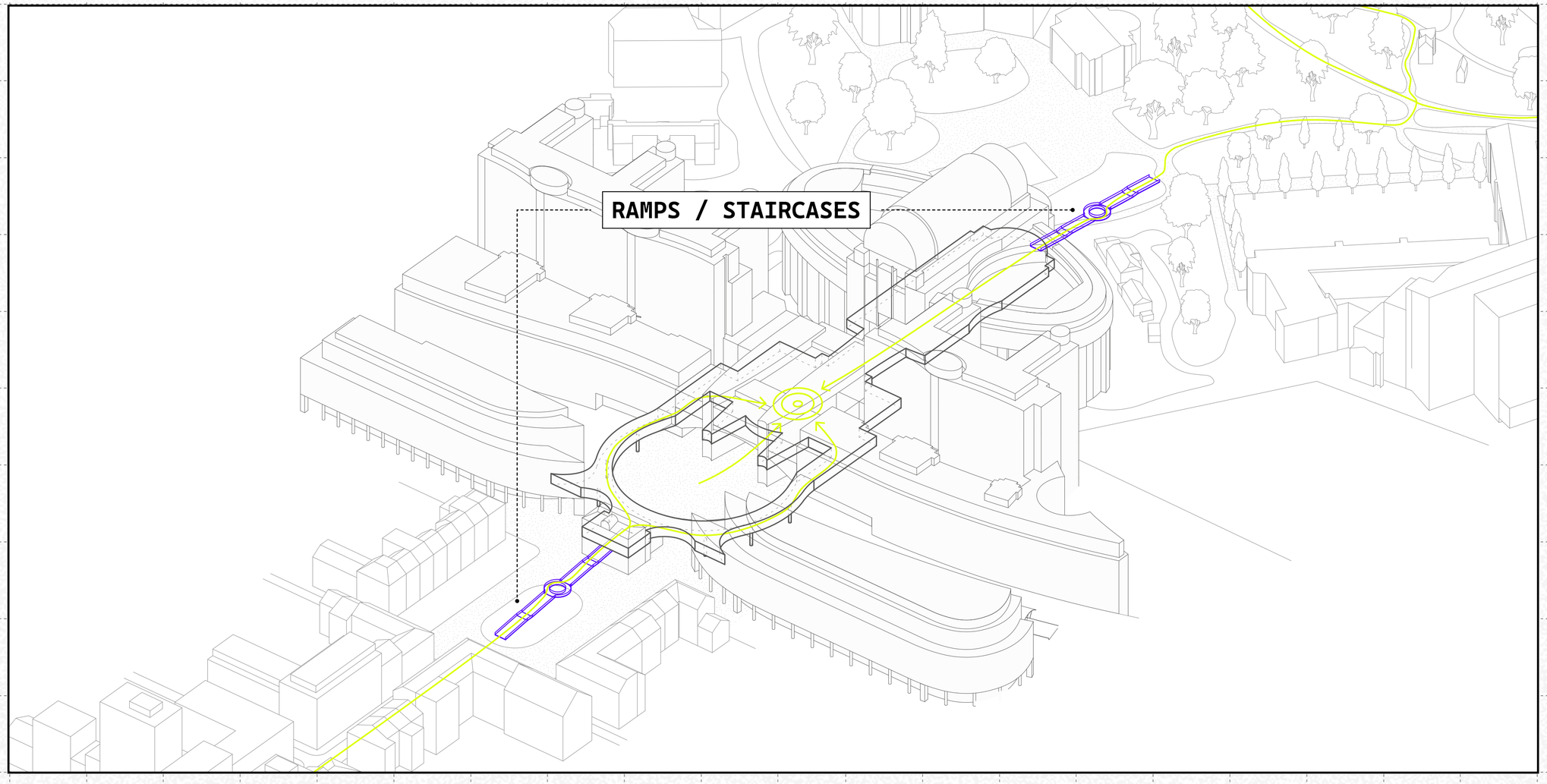



**– Initial situation –**

Dissensusline



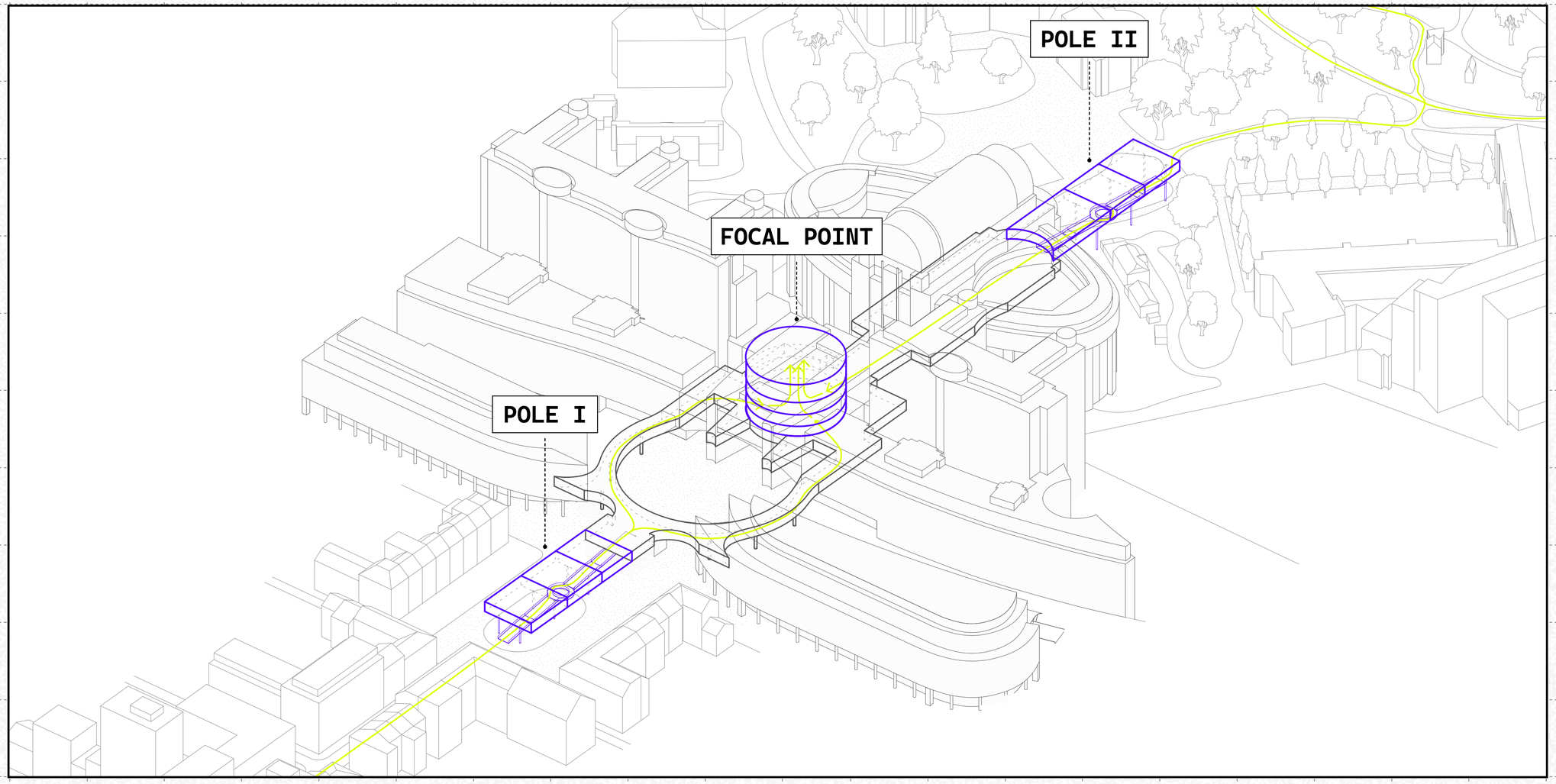

– Opening up public space –




**– Creating access situation –**

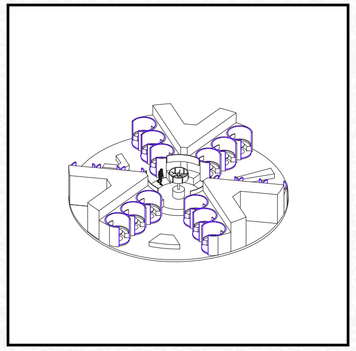


Dissensusline

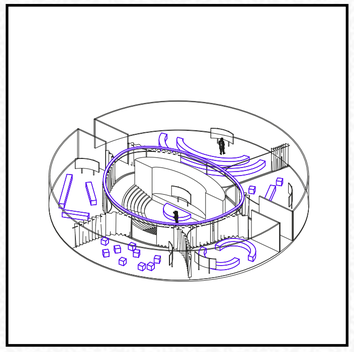



**– Volumes of citizens assembly –**

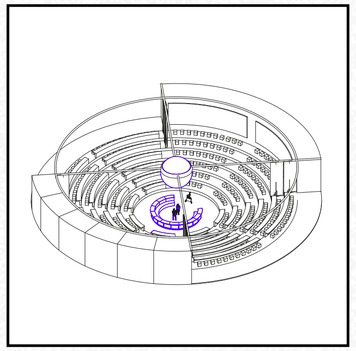
Dissensusline



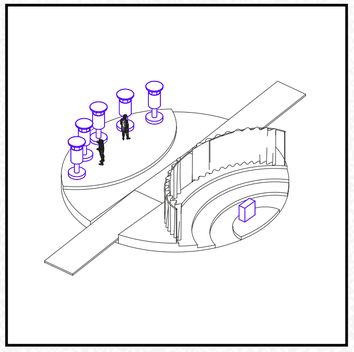
– Face–to–face talking pods –



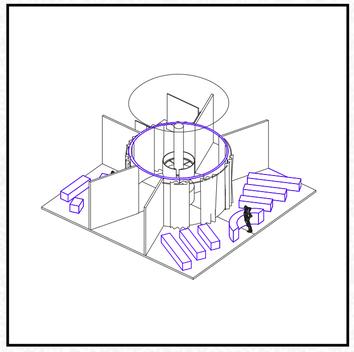
– Group conversation spaces –



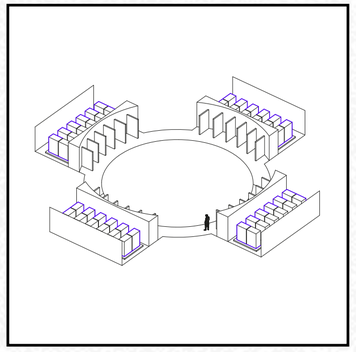
– Plenary hall / Broadcasting studio –



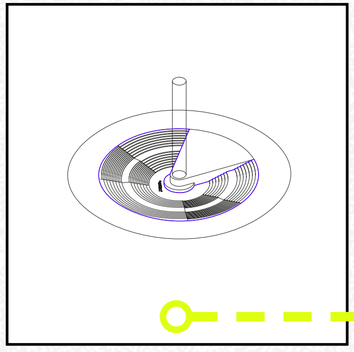
– Introduction / Log–in zone –



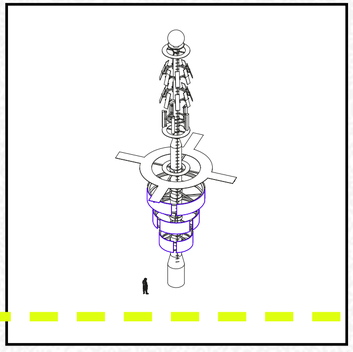
– Knowledge rooms –



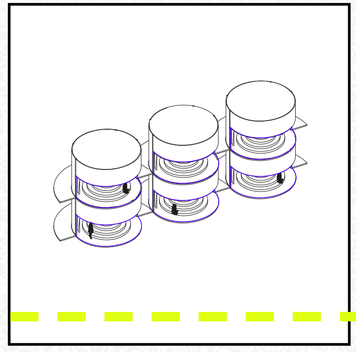
– Data collection and archival points –



– Public agora –



– Broadcasting tower –



– Echo chambers –

## – Catalogue of assembly and information spaces –

Dissensusline



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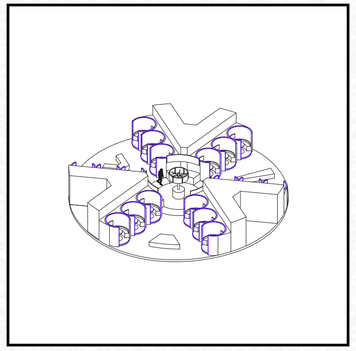
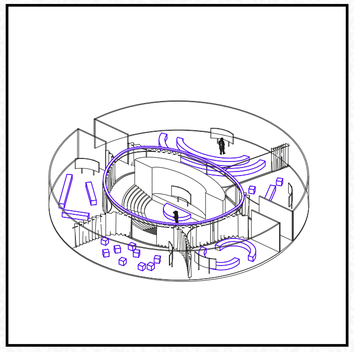
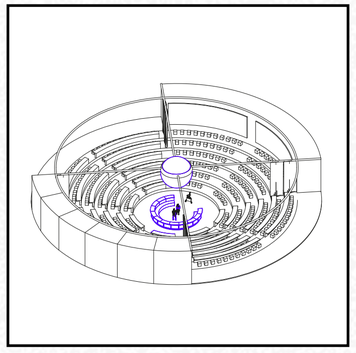


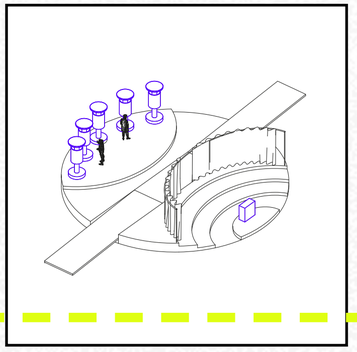
– Face–to–face talking pods –



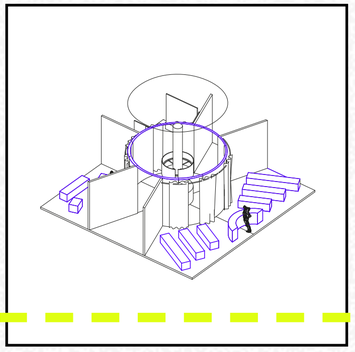
– Group conversation spaces –



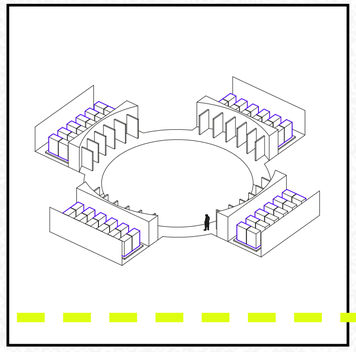
– Broadcasting / TV studio –



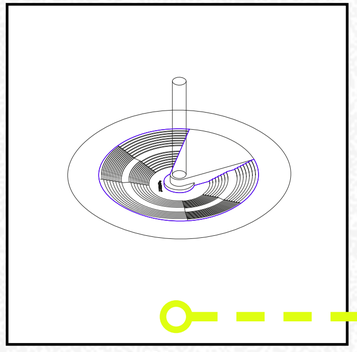
– Introduction / Log–in zone –



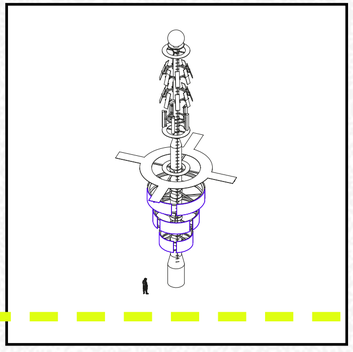
– Knowledge rooms –



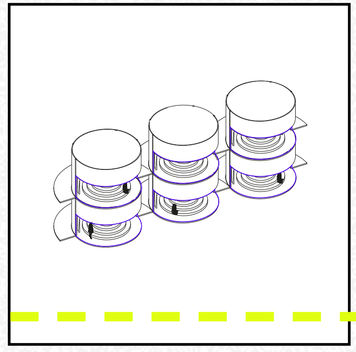
– Data collection and archival points –



– Public agora –



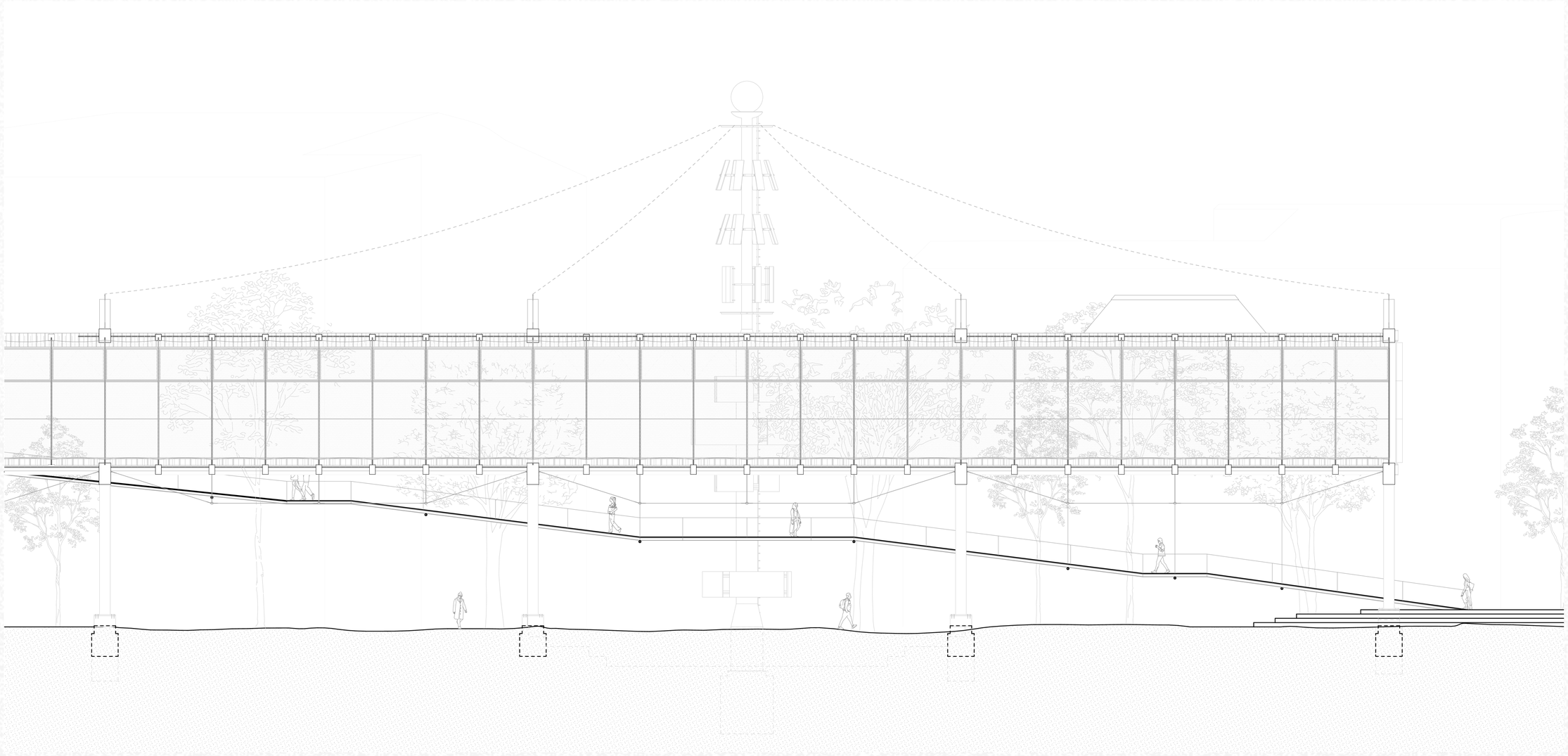
– Broadcasting tower –



– Echo chambers –

## – Catalogue of assembly and information spaces –

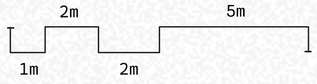
Dissensusline



Dissensusline

## – Elevation DATA ARCHIVES –

1:100



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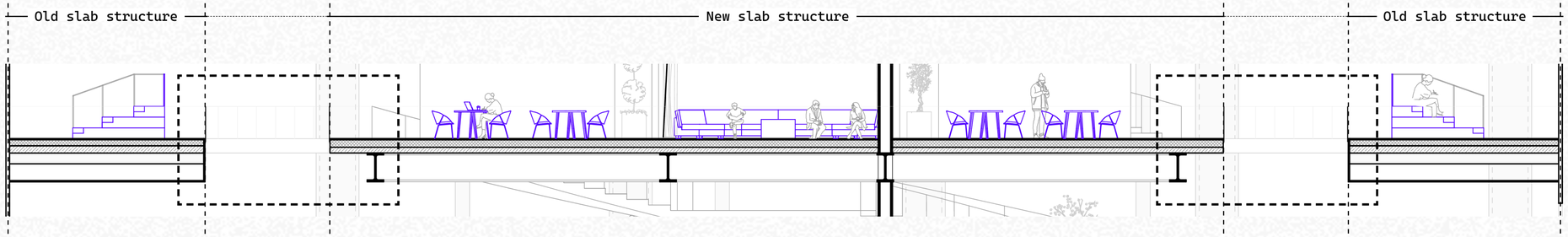
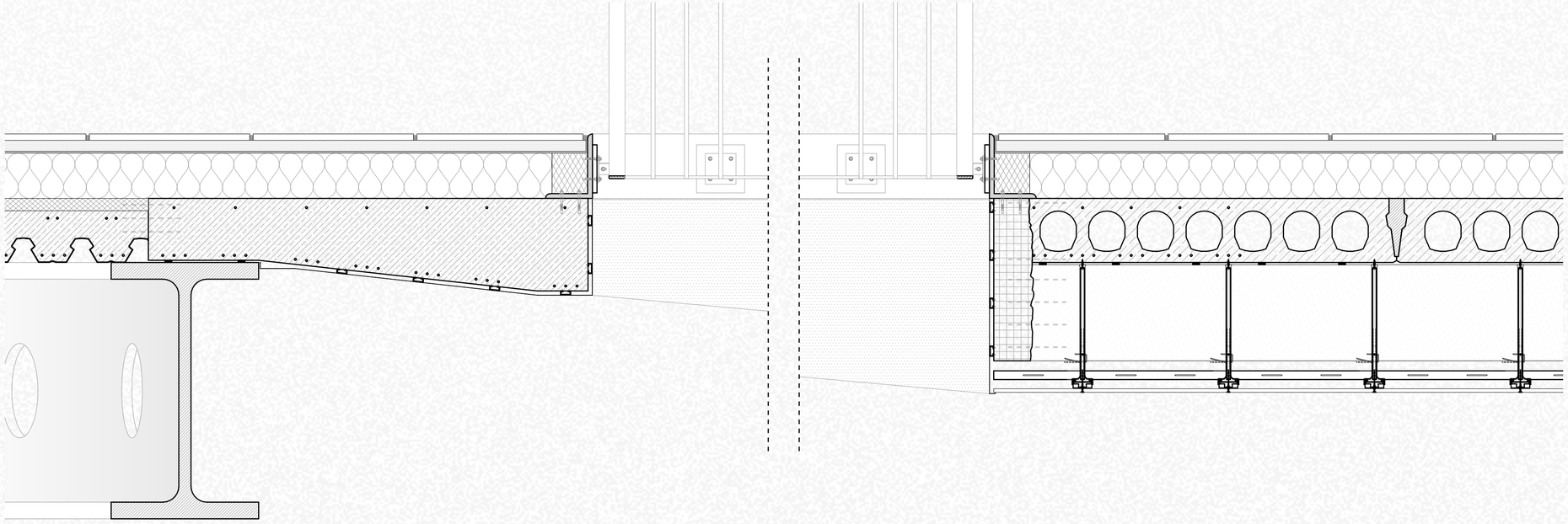


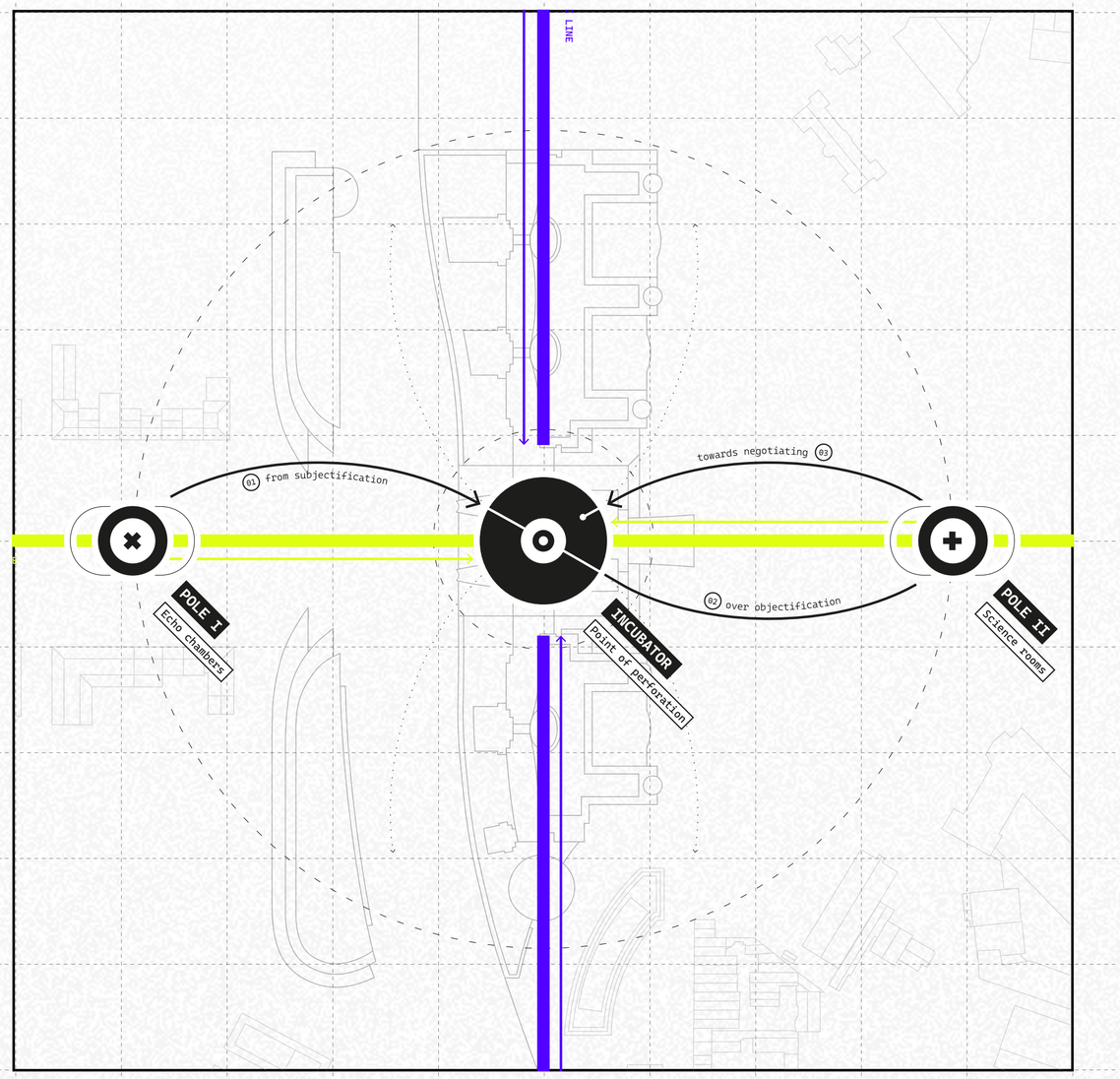

## – Zoom-in section focal point –

1:200



## – Connection details old + new slab –

1:10




**– Perforating the political line –**



Dissensusline