

THE LINE OF DISSENT



AN ARCHITECTURAL-POLITICAL VISION
FOR AN OPEN EUROPEAN UNION

COLLECTION OF DRAWINGS

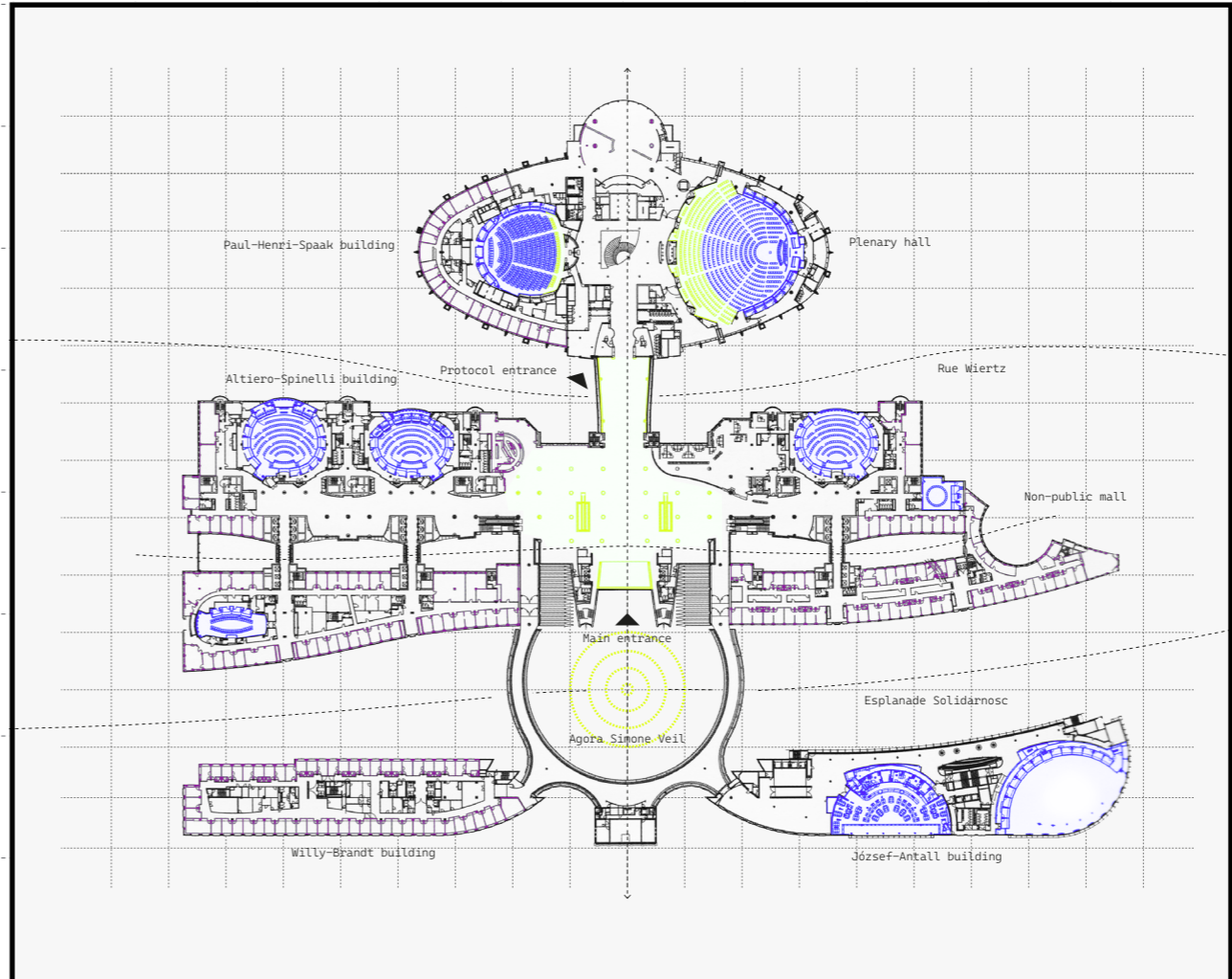
Graduation thesis
ExploreLab 34

Dominik Stoschek
TU Delft

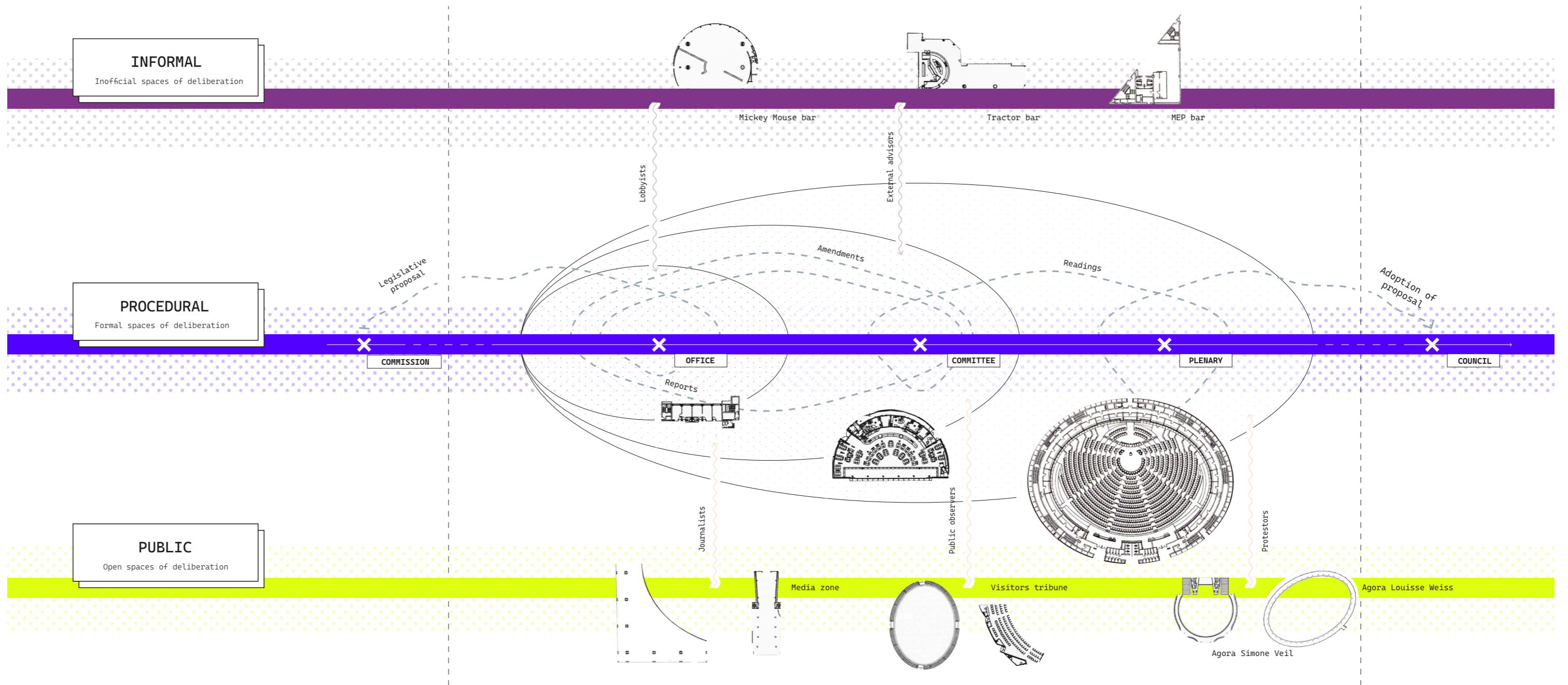
INSTITUTIONALIZING **POLITICAL PUBLICNESS**



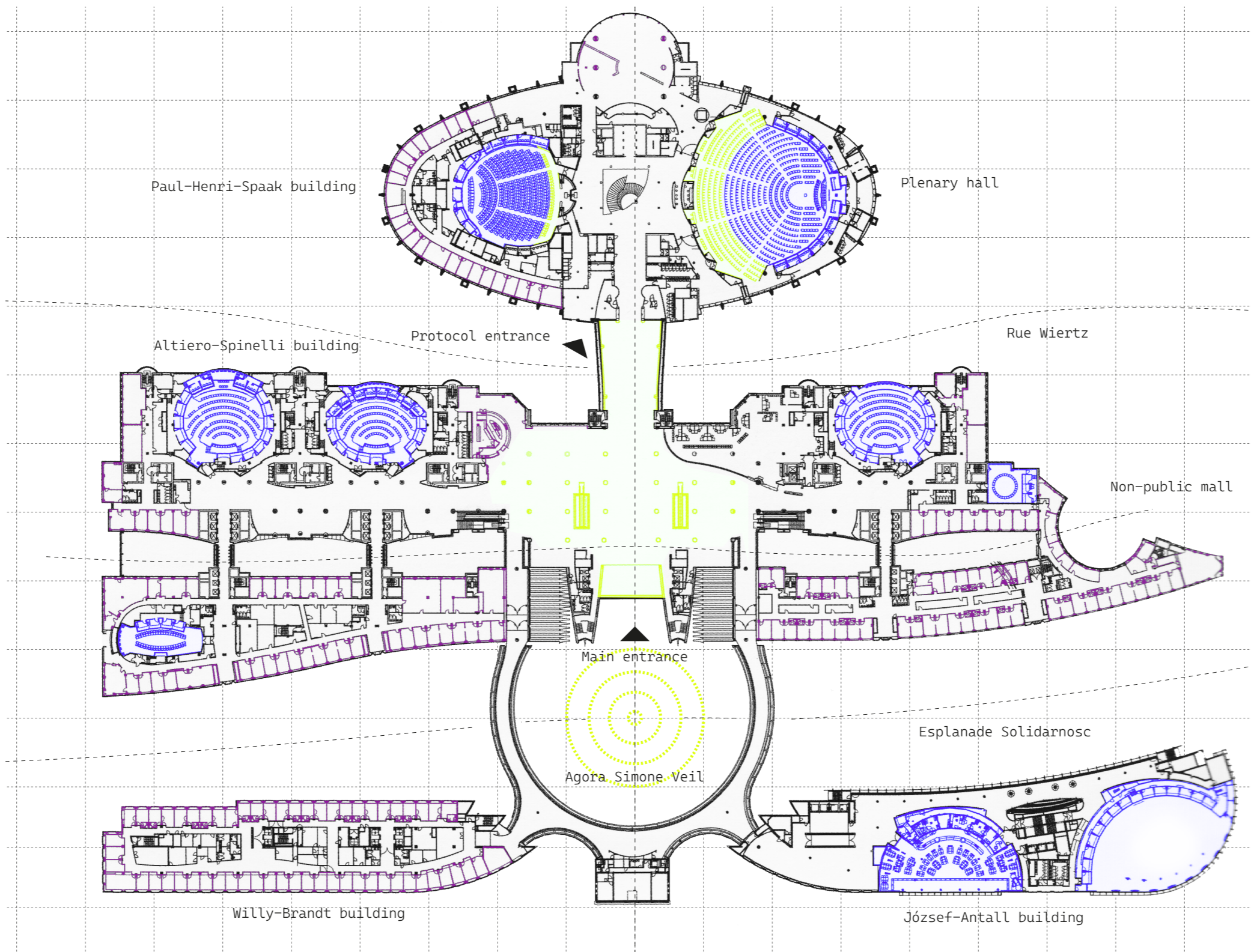
A CITIZEN'S ASSEMBLY FOR THE EU PARLIAMENT
BRUSSELS



I. RESEARCH

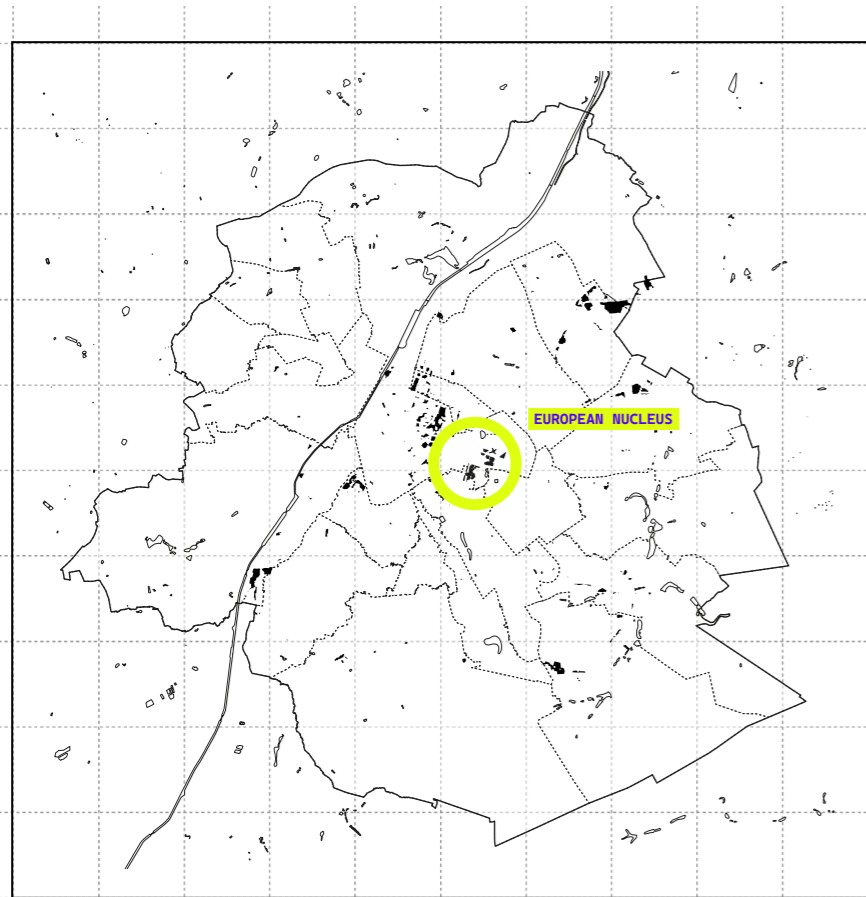


- Spaces of deliberation -

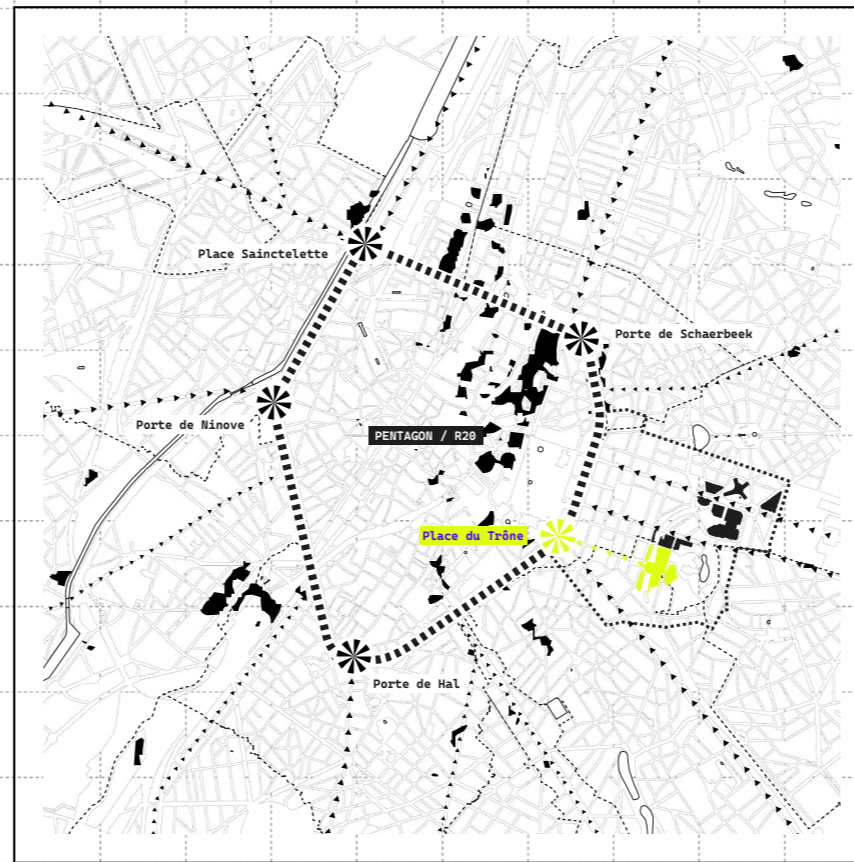


- EU parliament Brussels -

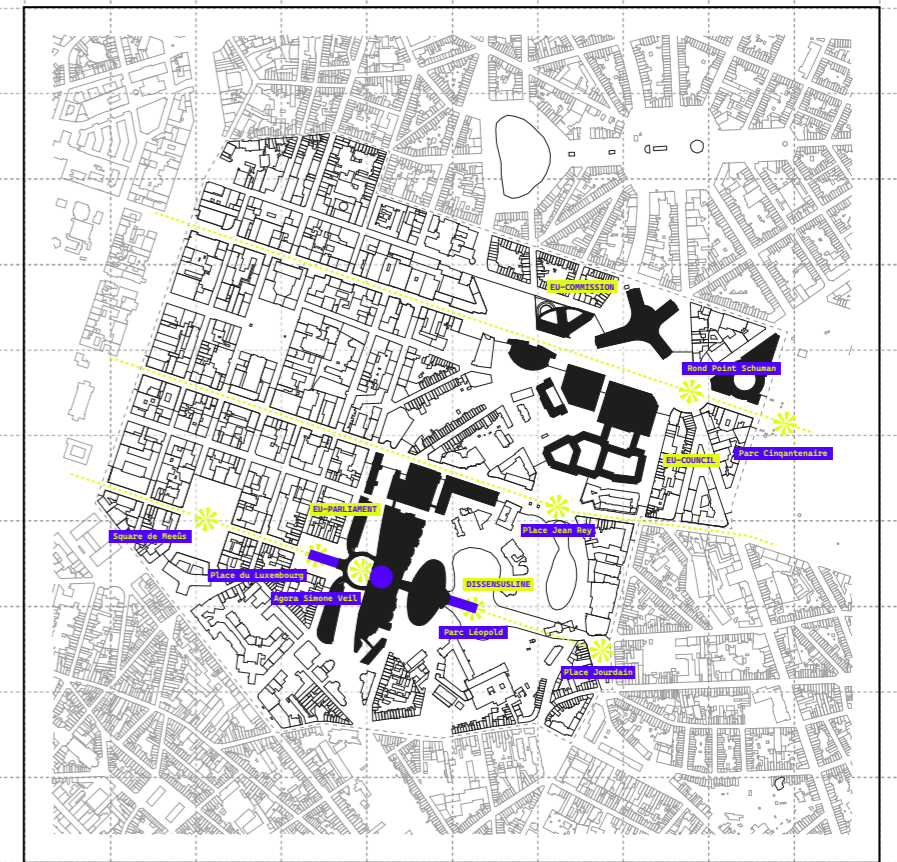
- Spaces of deliberation -



- Brussels Capital Region -

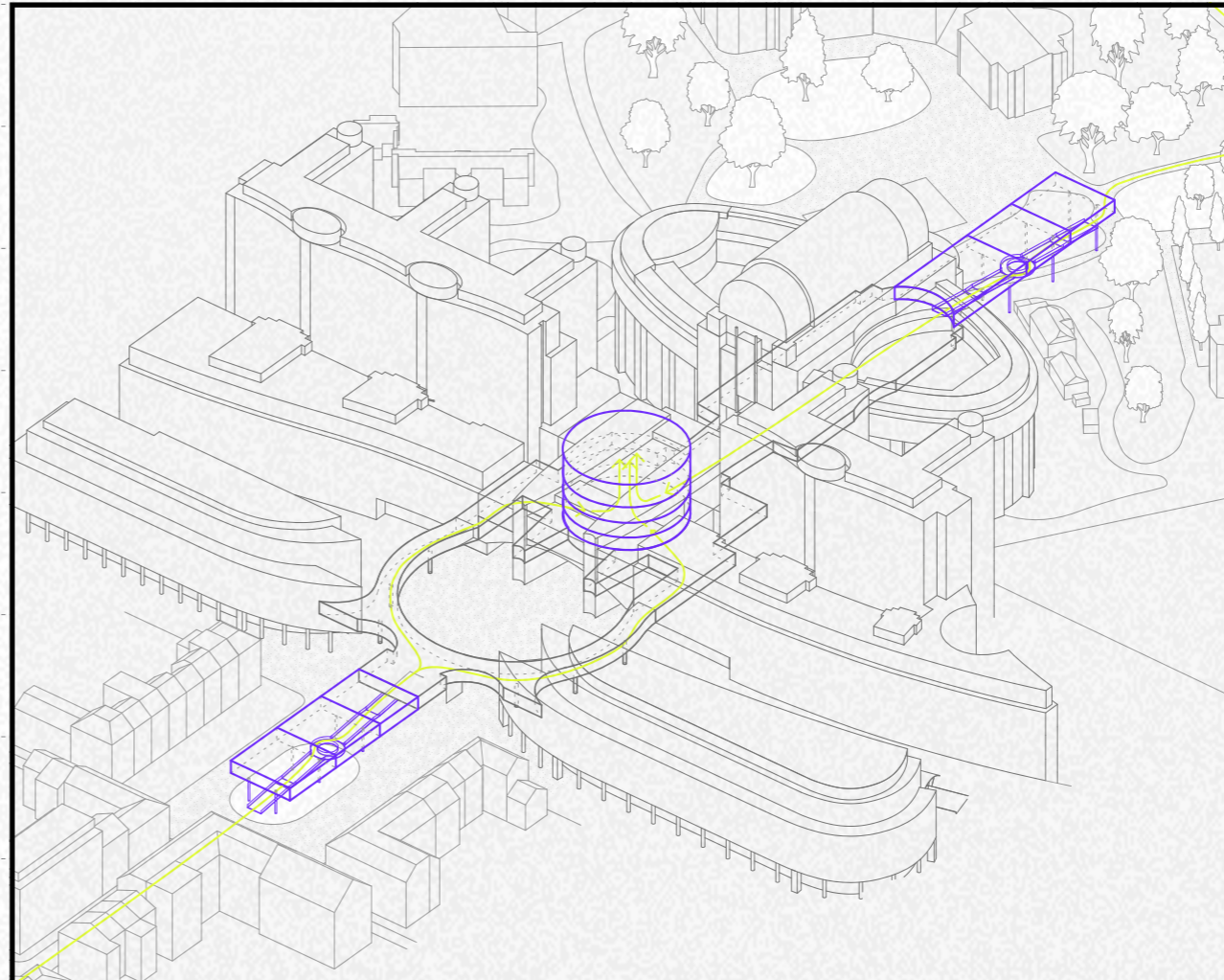


- Brussels Capital Region -



- European quarter -

- European centre of power -



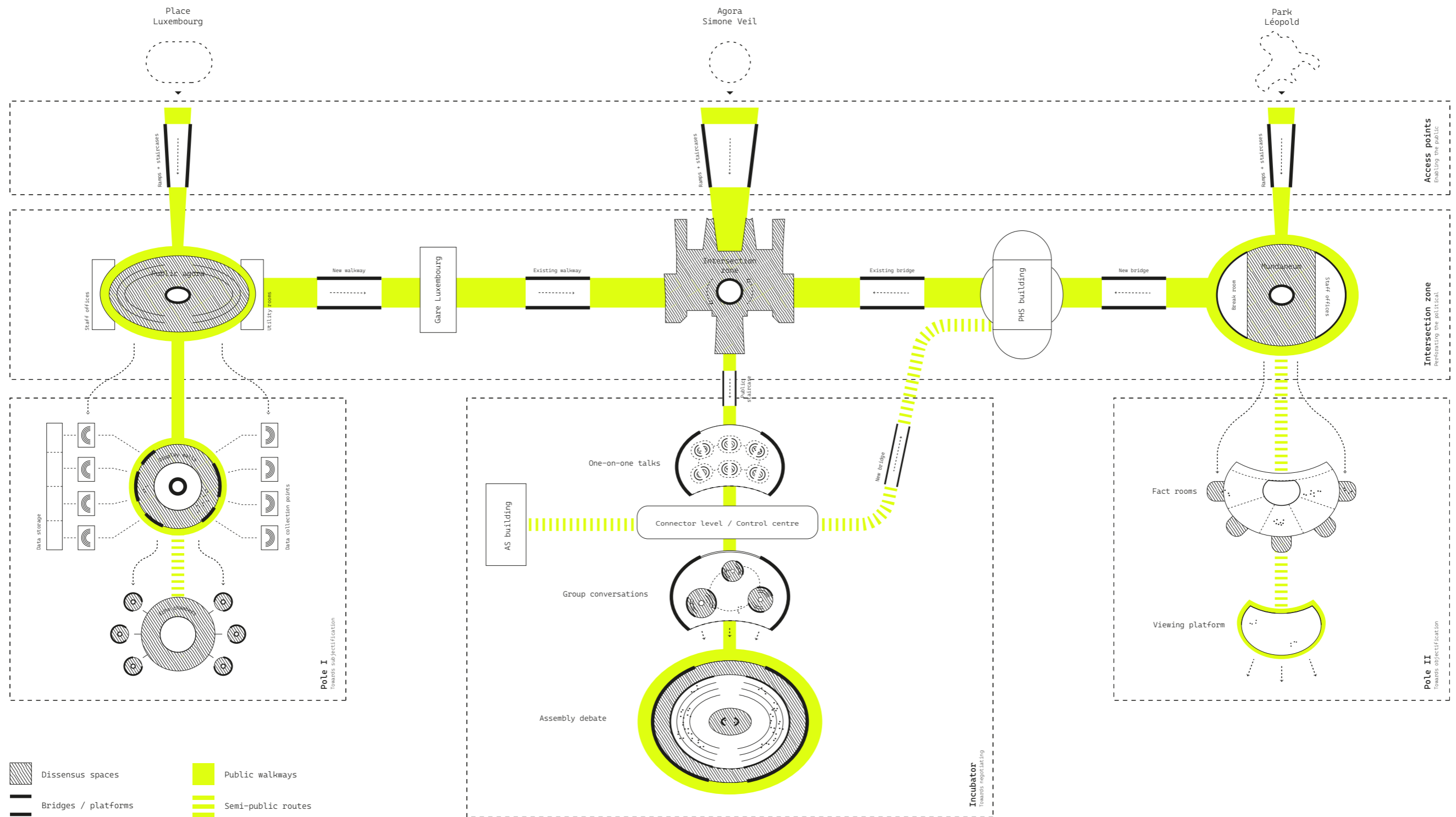
II. DESIGN

DIVISION

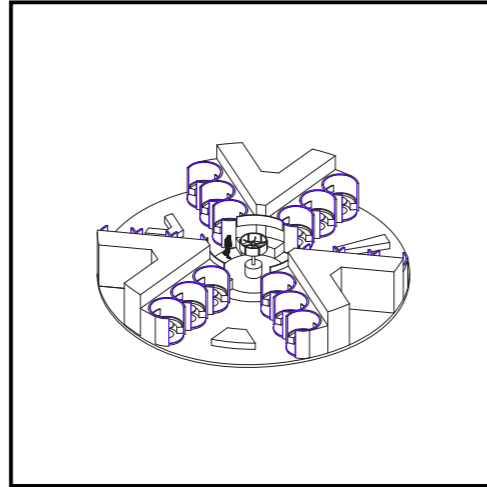


**OF
POWER**

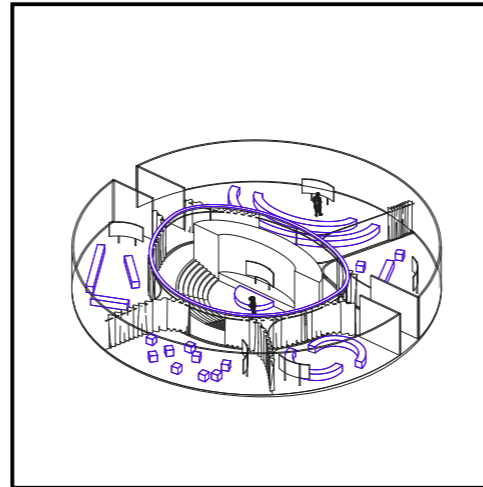
- Division of European power -



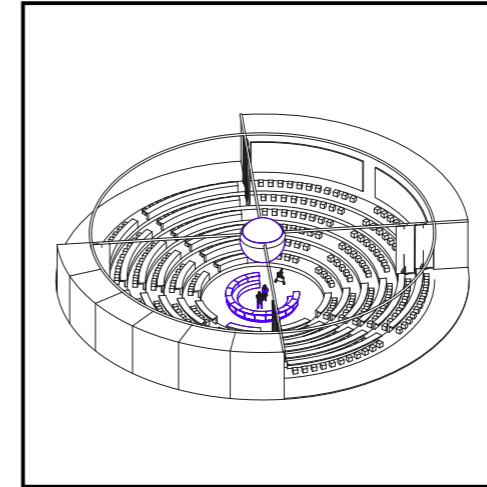
- Spatial sequences -



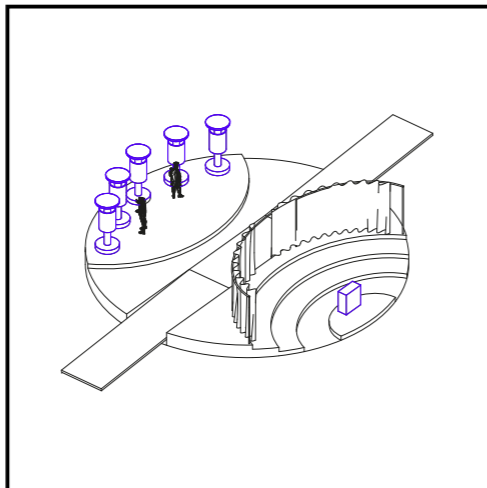
- Face-to-face talking pods -



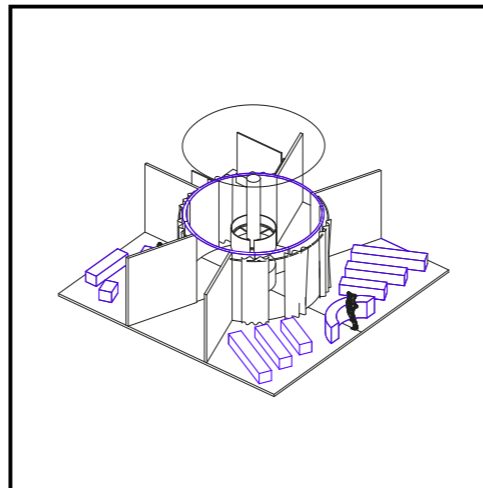
- Group conversation spaces -



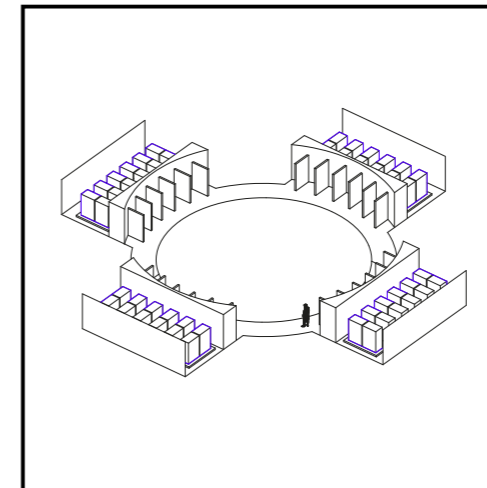
- Plenary hall / Broadcasting studio -



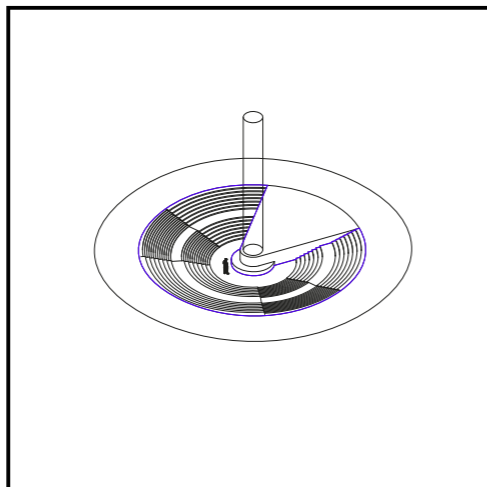
- Introduction / Log-in zone -



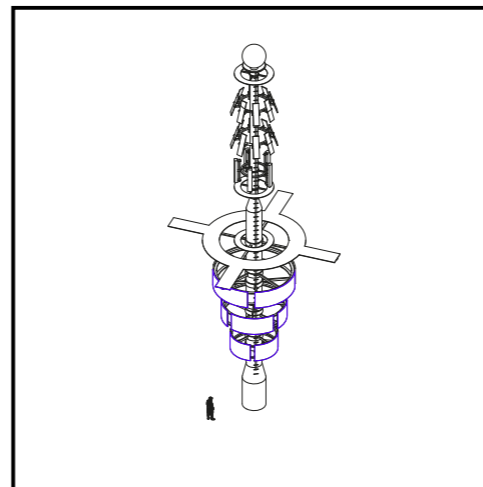
- Knowledge rooms -



- Data collection and archival points -



- Public agora -

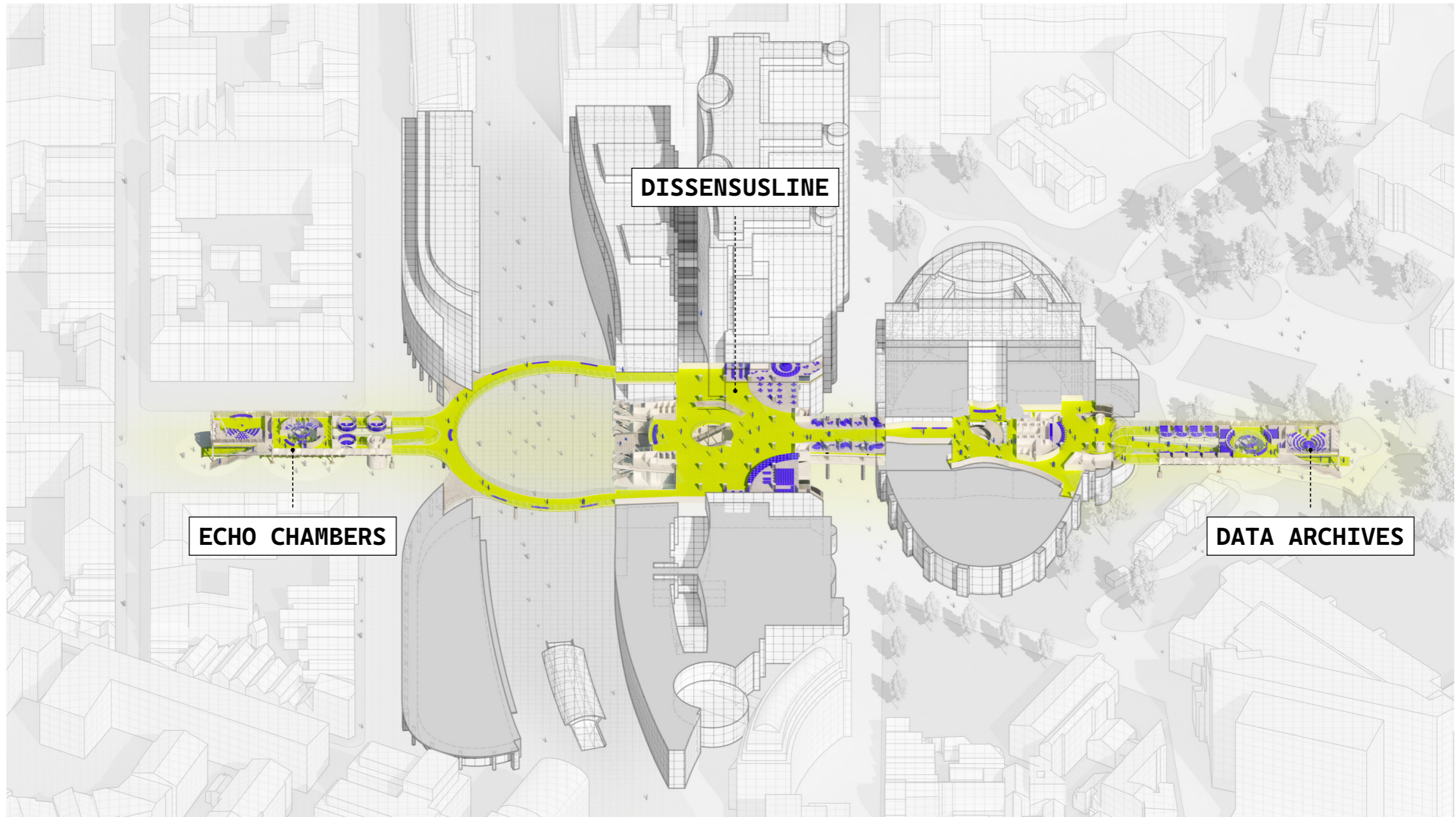


- Broadcasting tower -

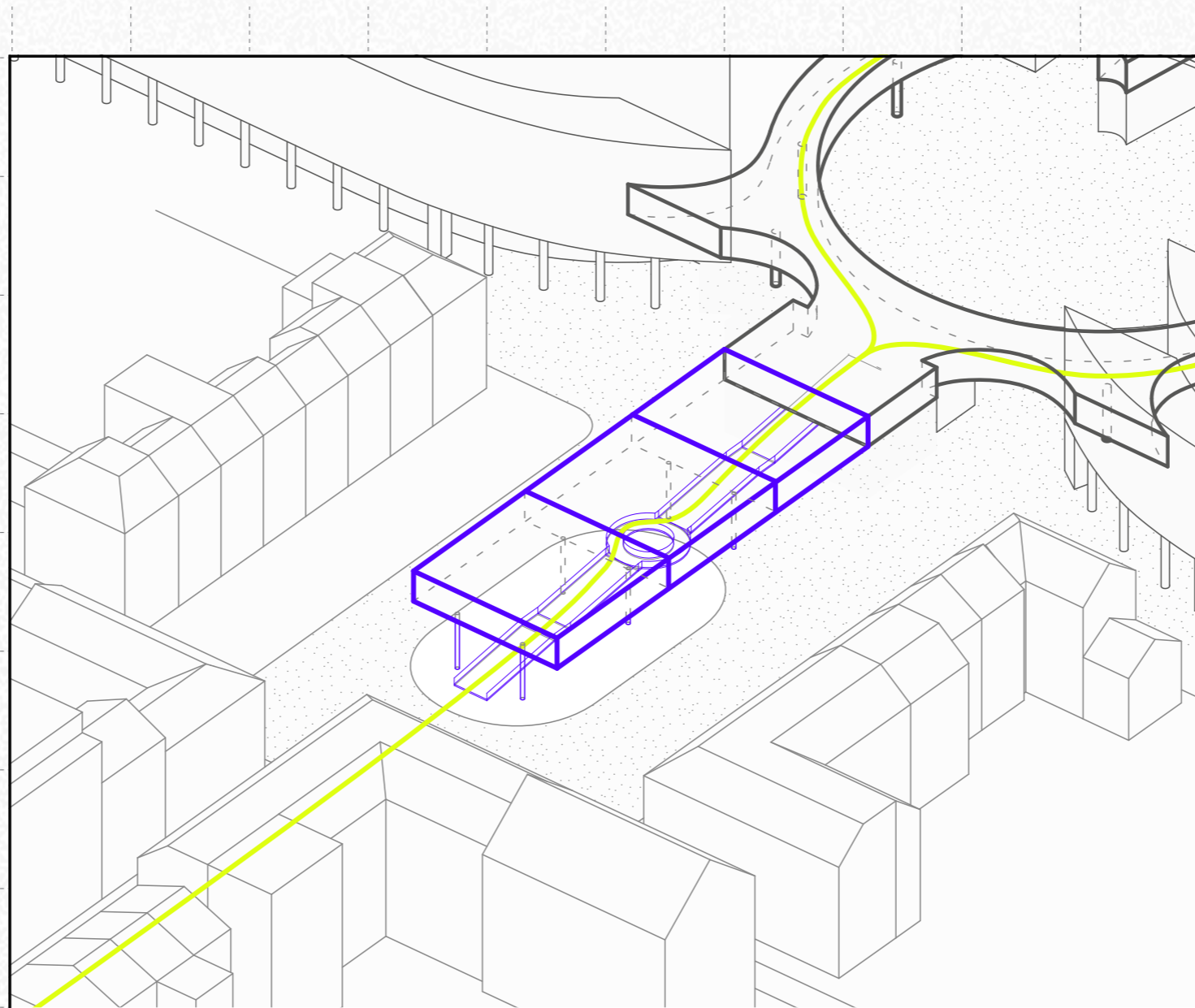


- Echo chambers -

- Catalogue of assembly and information spaces -

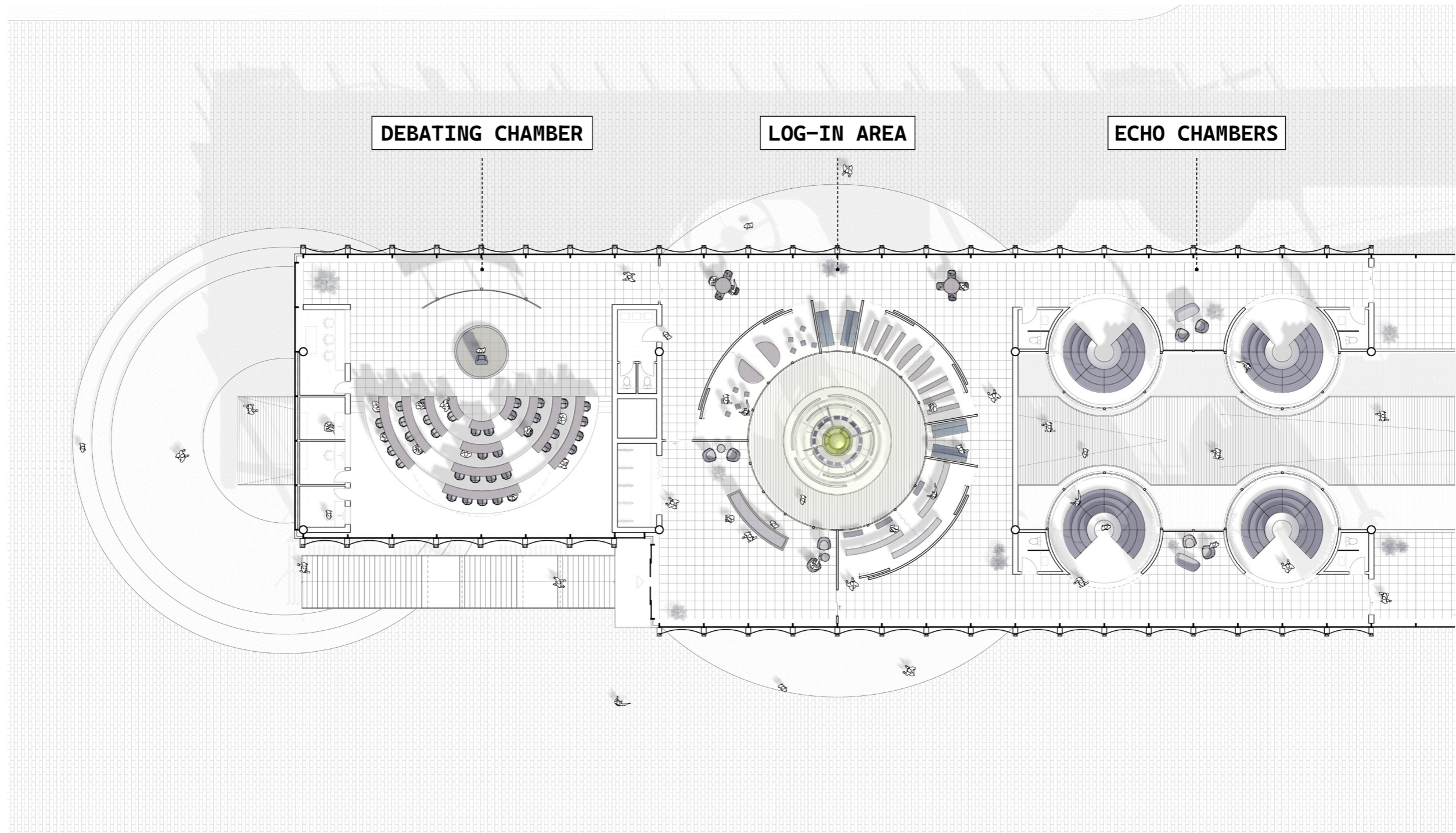


- Overview connecting level -



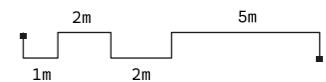
ECHO CHAMBERS

Towards subjectification

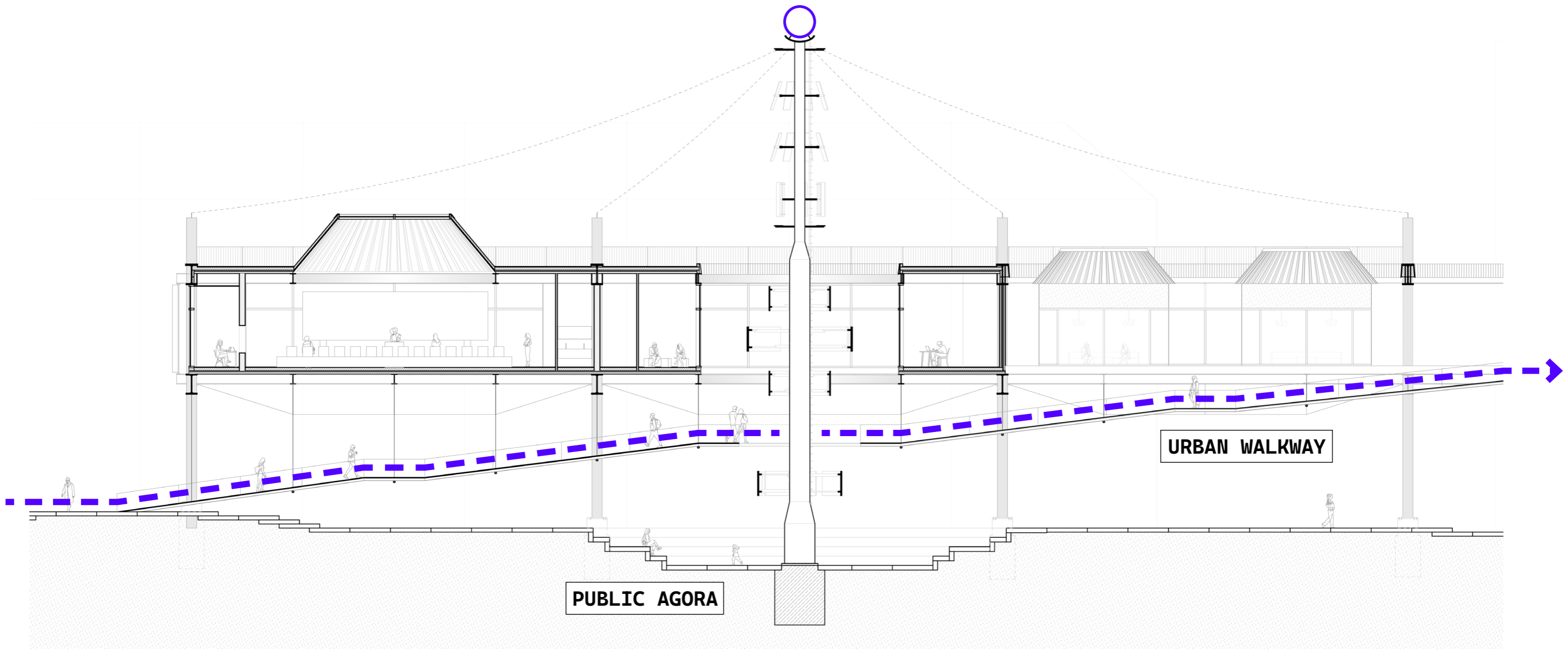


- Floor plan ECHO CHAMBERS -

1:200



BROADCASTING TOWER



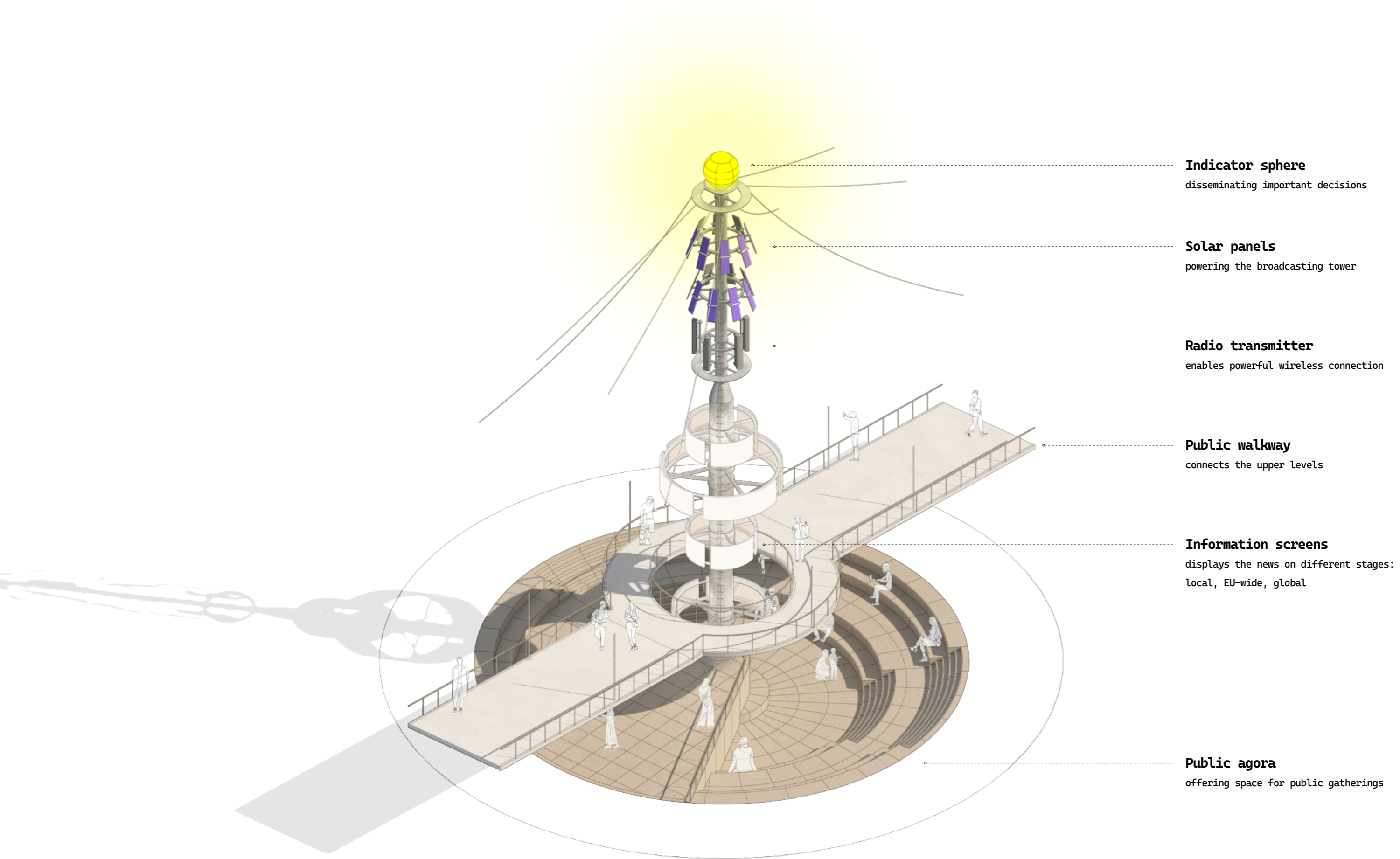
PUBLIC AGORA

URBAN WALKWAY

- Section ECHO CHAMBERS -

1:100





Indicator sphere
disseminating important decisions

Solar panels
powering the broadcasting tower

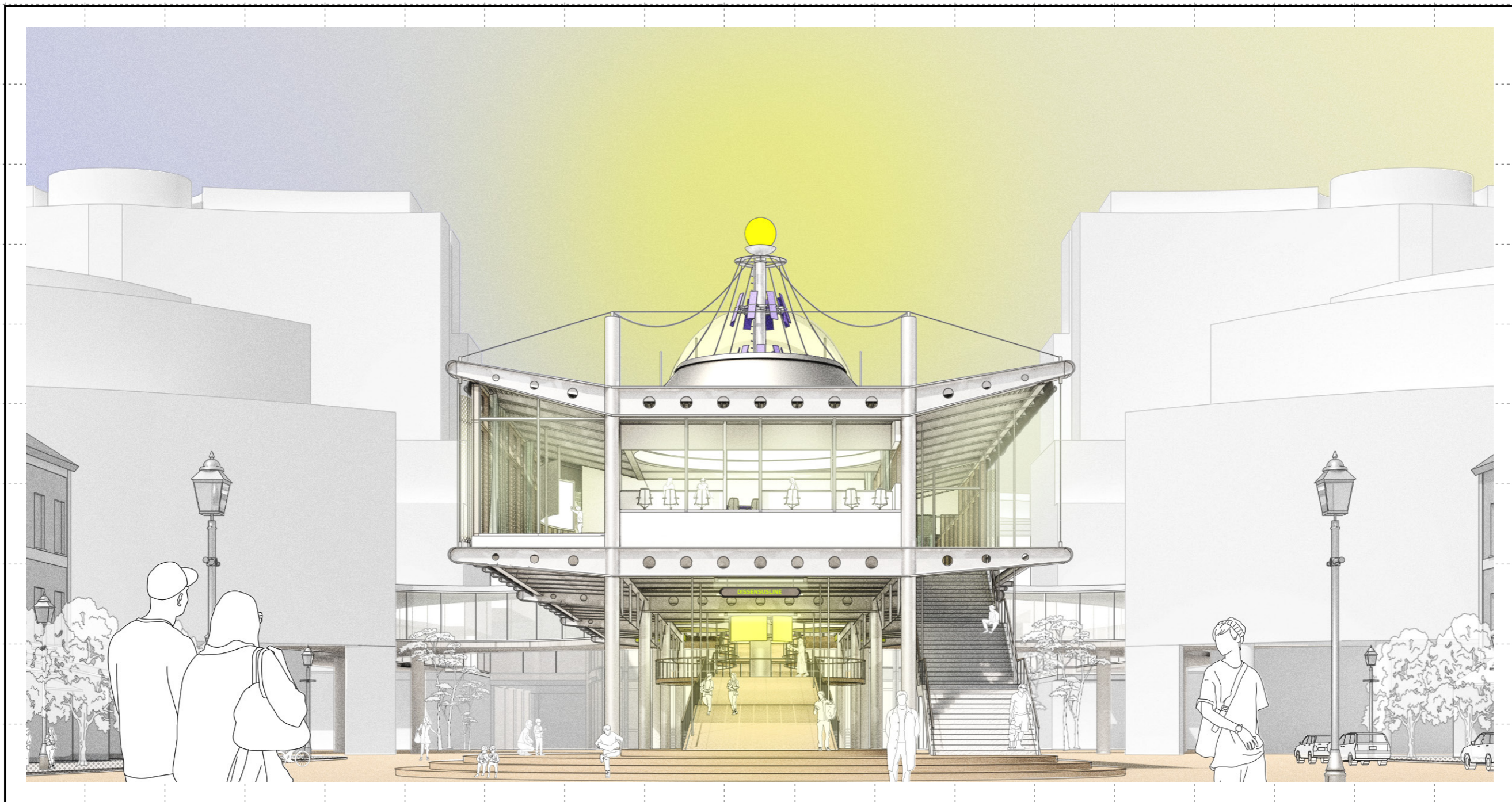
Radio transmitter
enables powerful wireless connection

Public walkway
connects the upper levels

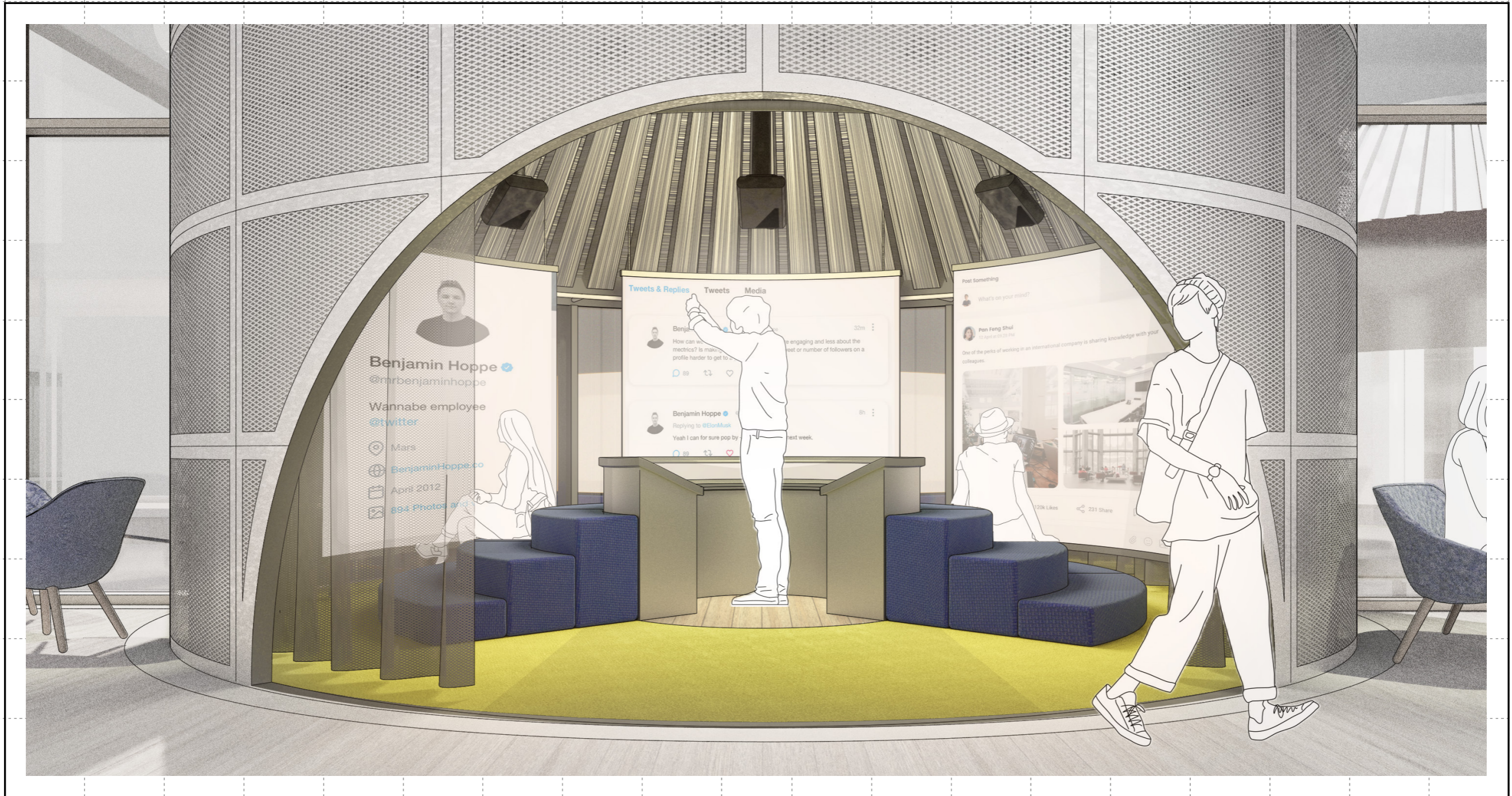
Information screens
displays the news on different stages:
local, EU-wide, global

Public agora
offering space for public gatherings

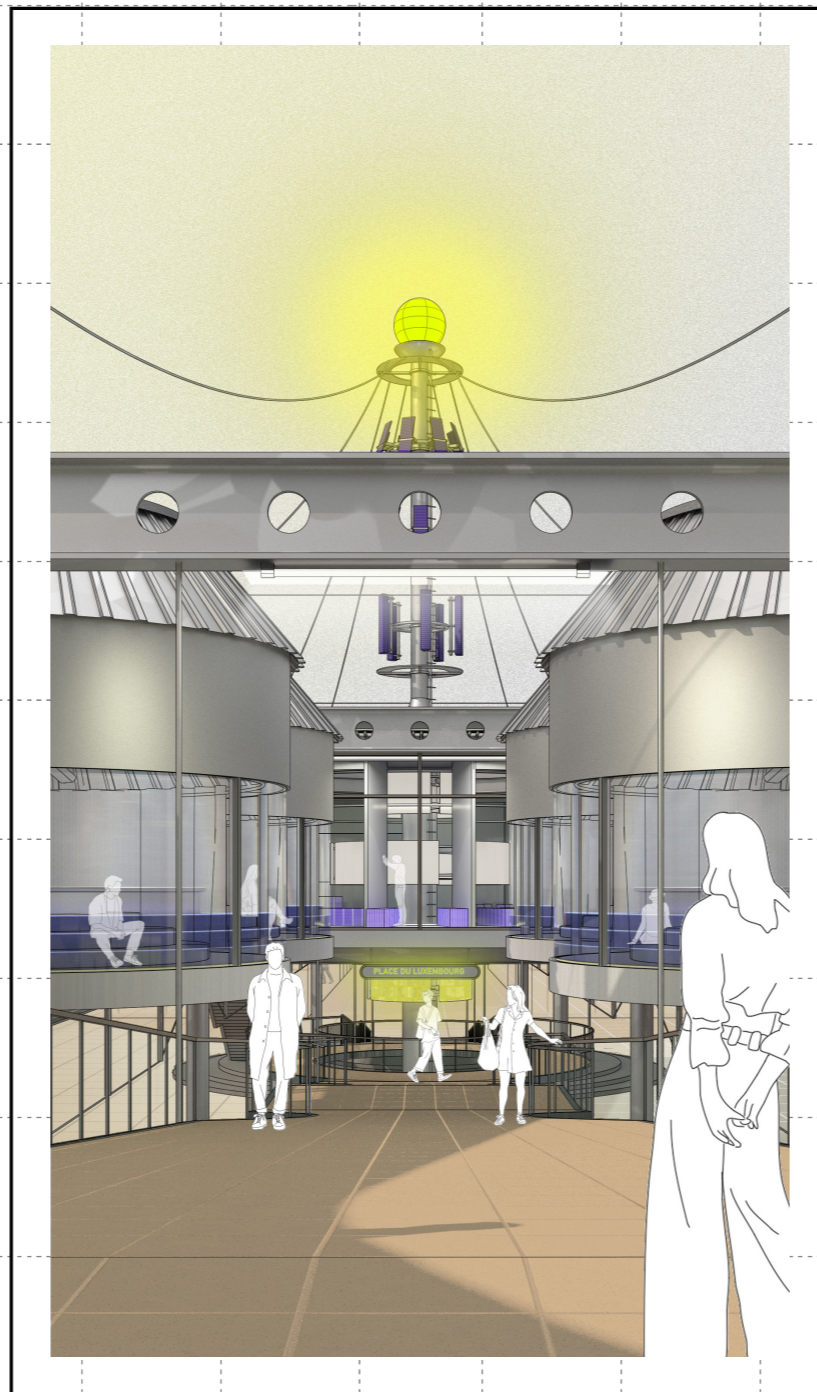
- Broadcasting tower -



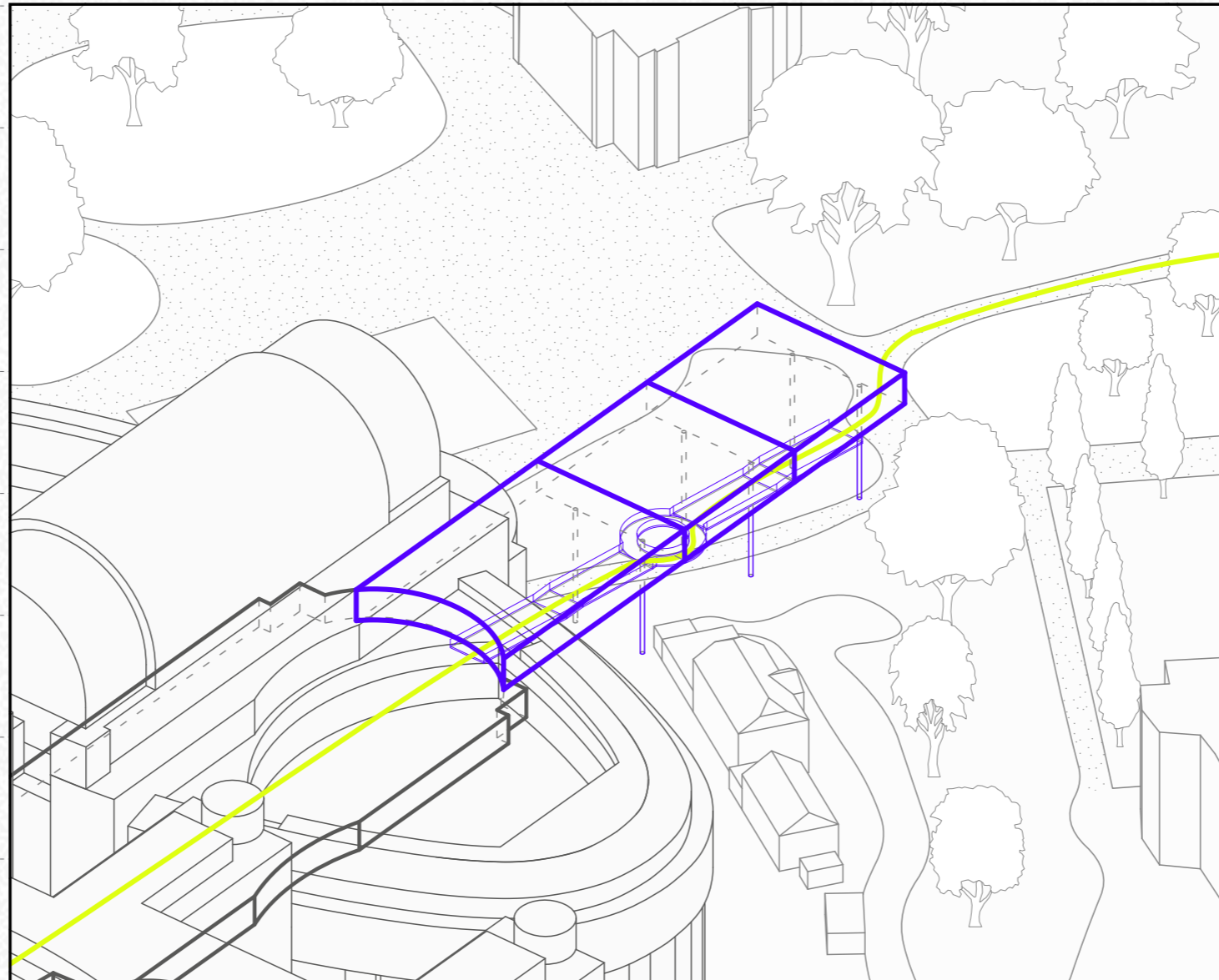
- Entrance public passageway -



- View into the echo chambers -

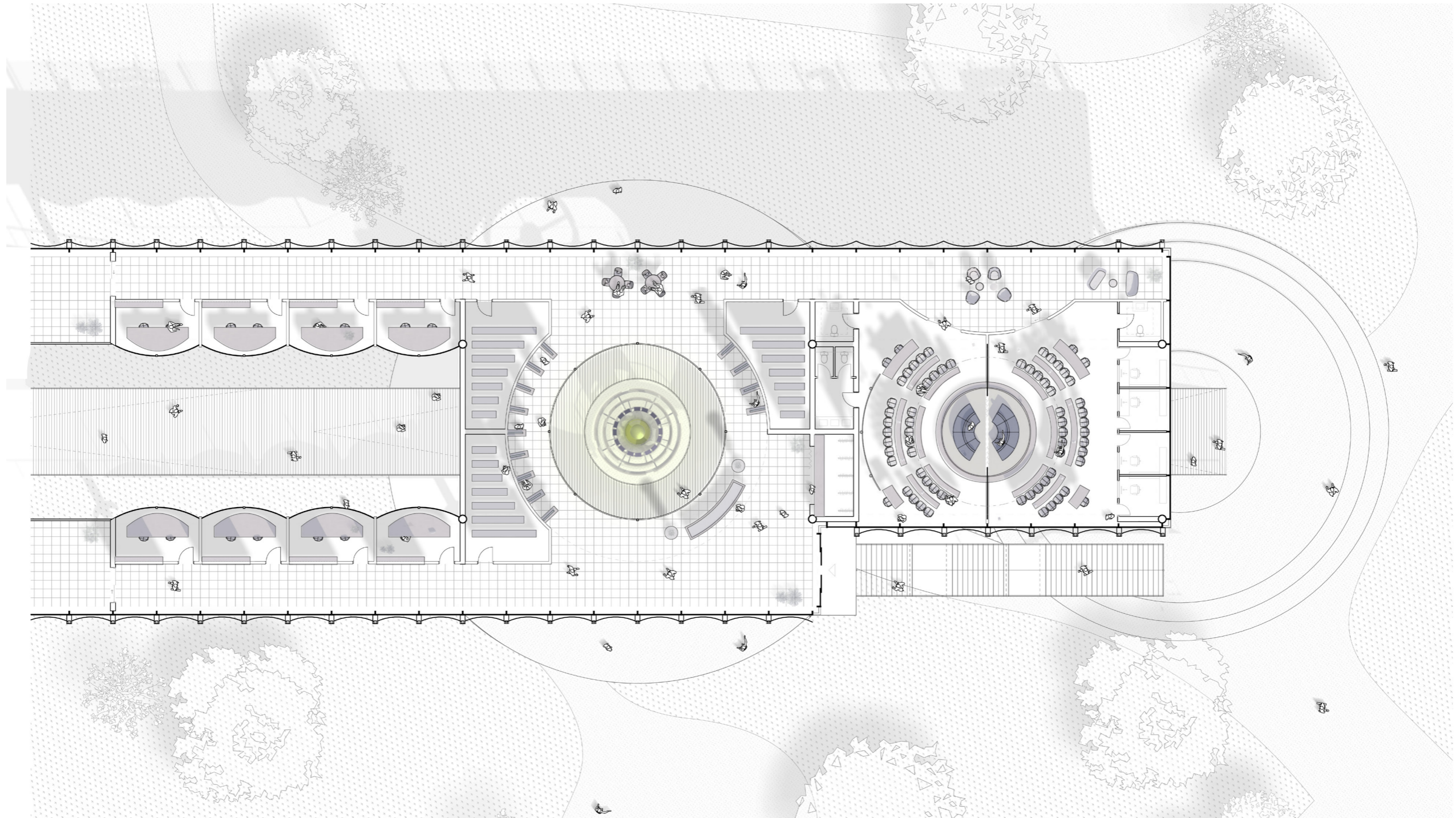


- Walking down the pathway -



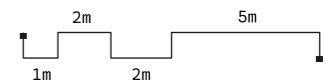
DATA ARCHIVES

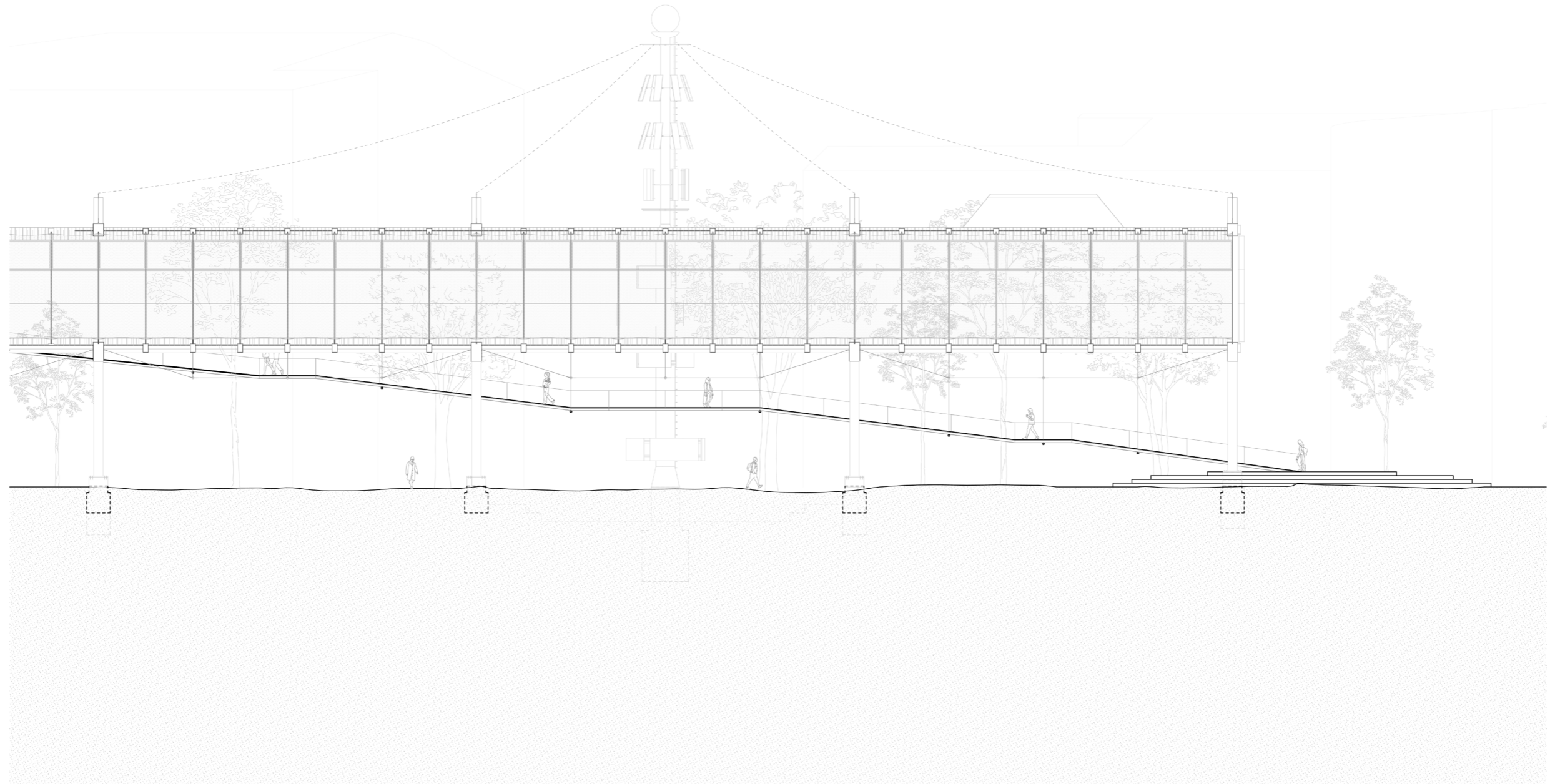
Towards objectification



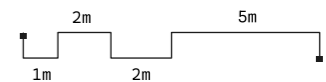
- Floor plan DATA ARCHIVES -

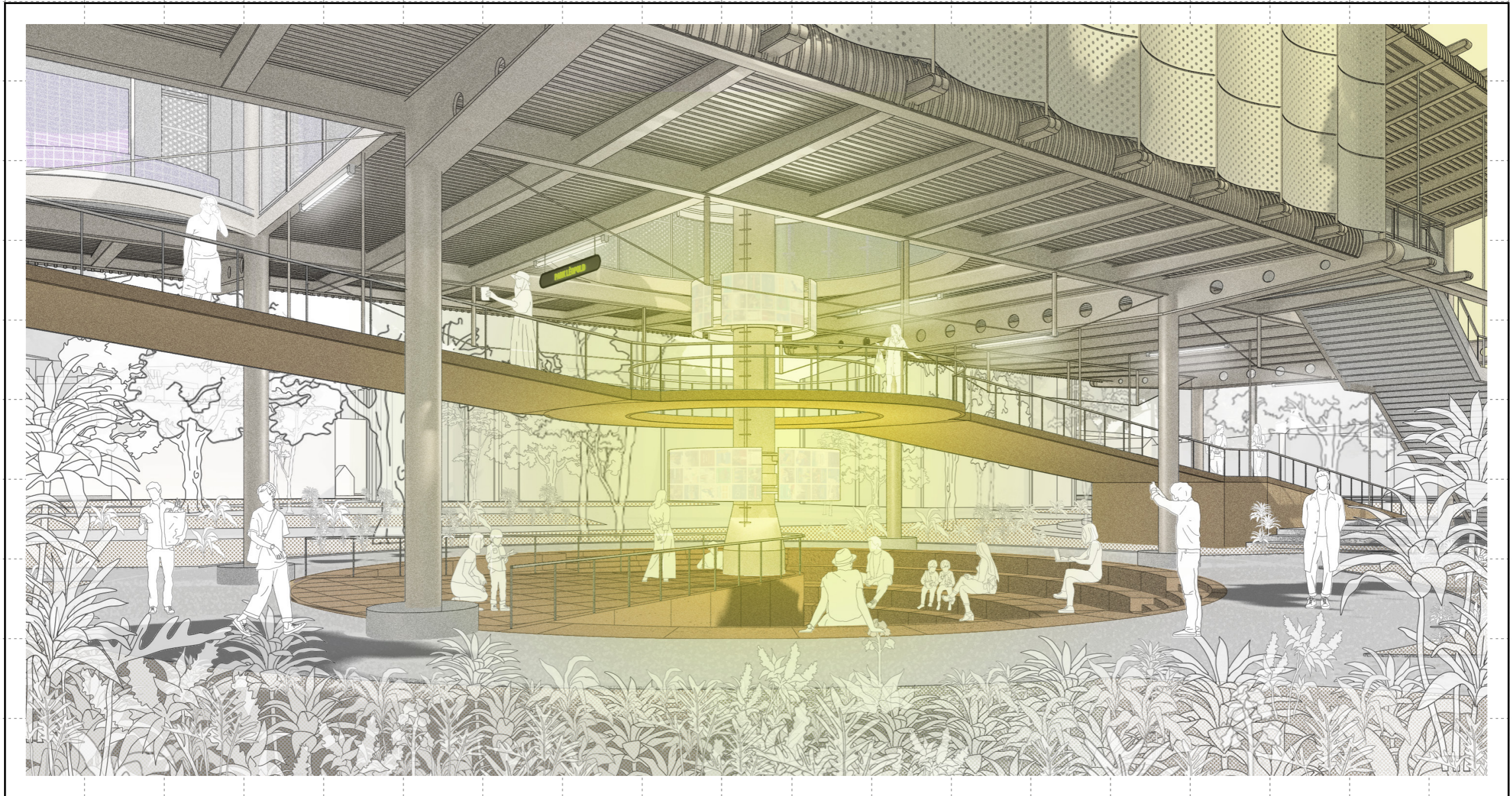
1:200



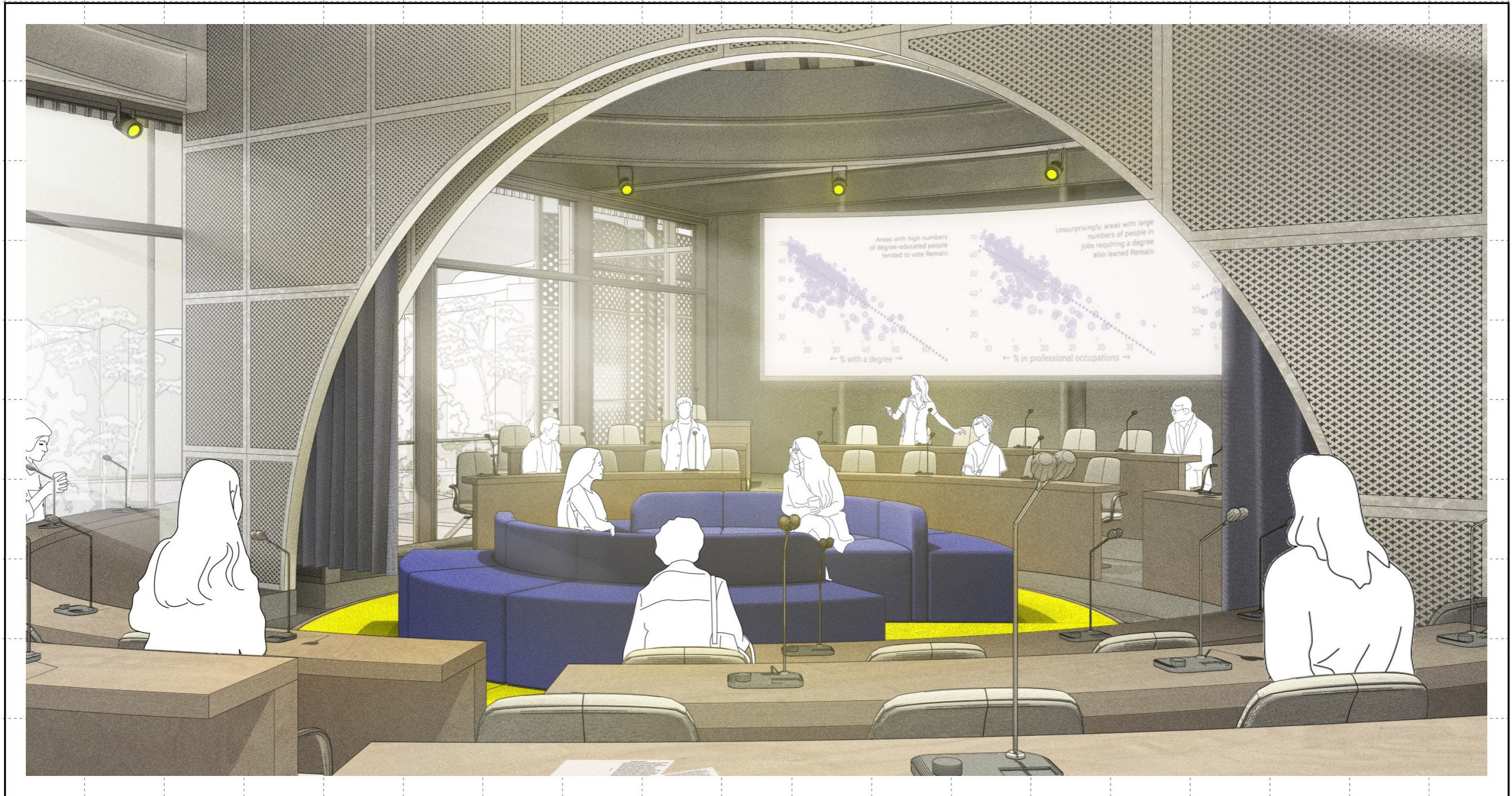


- Elevation DATA ARCHIVES -
1:200

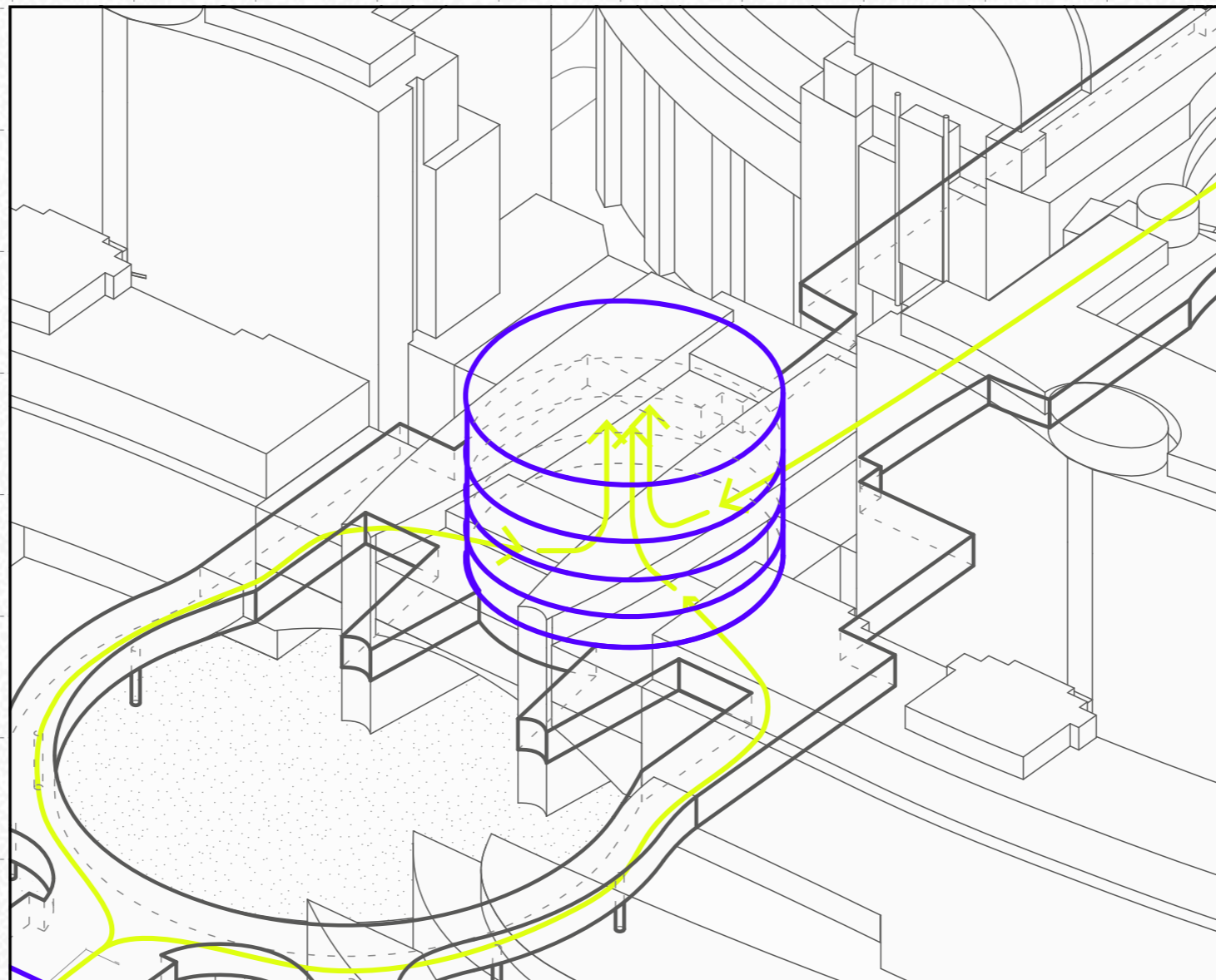




- Public park agora -

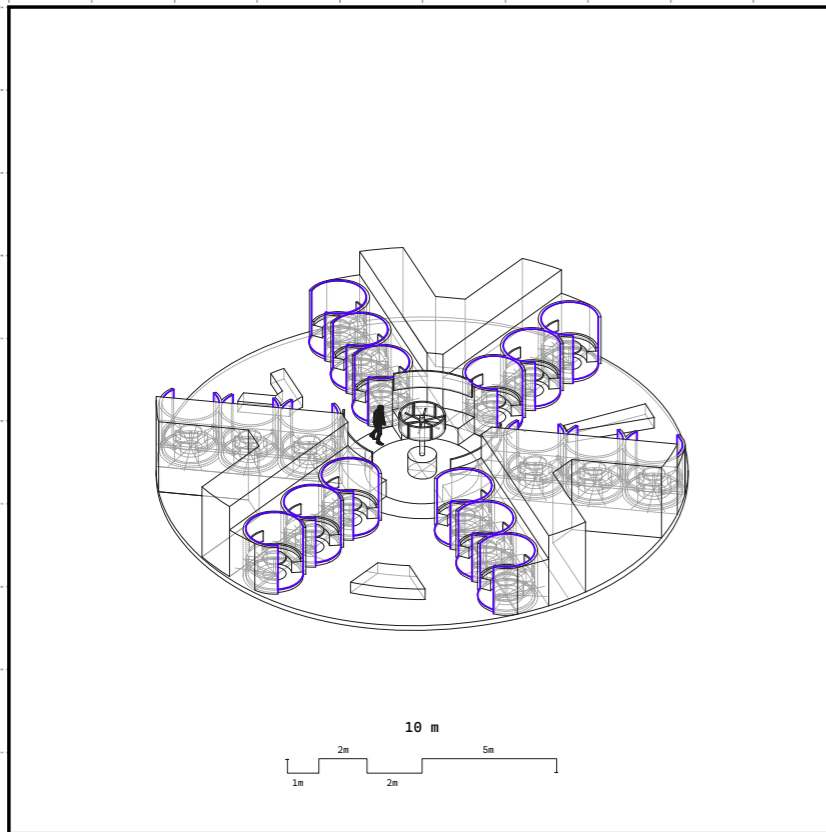


- Visualization room -

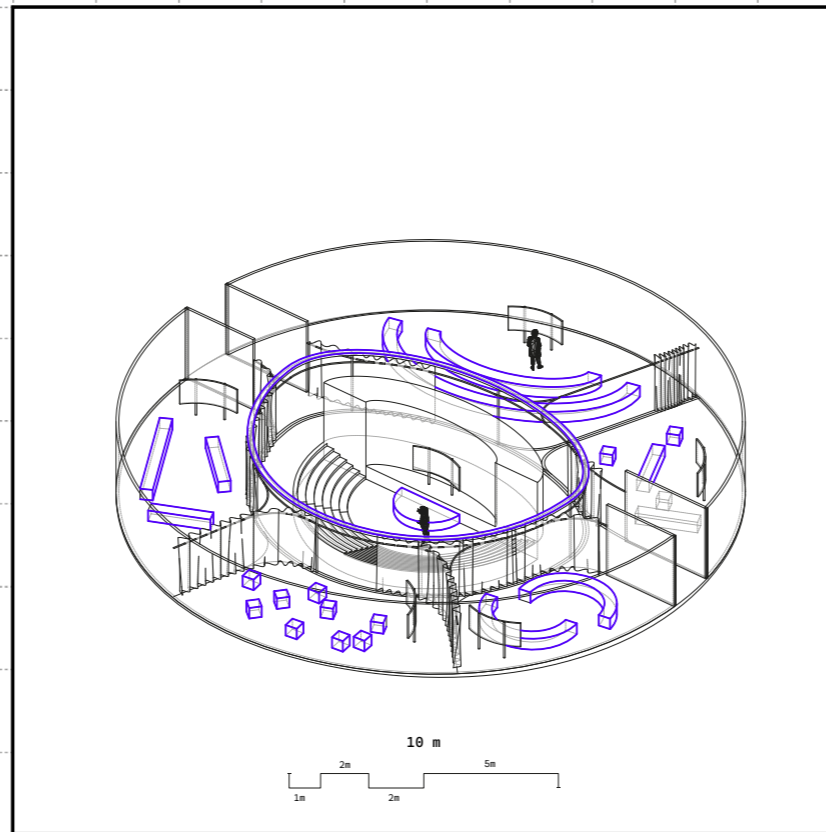


DISCUSSION STAGES

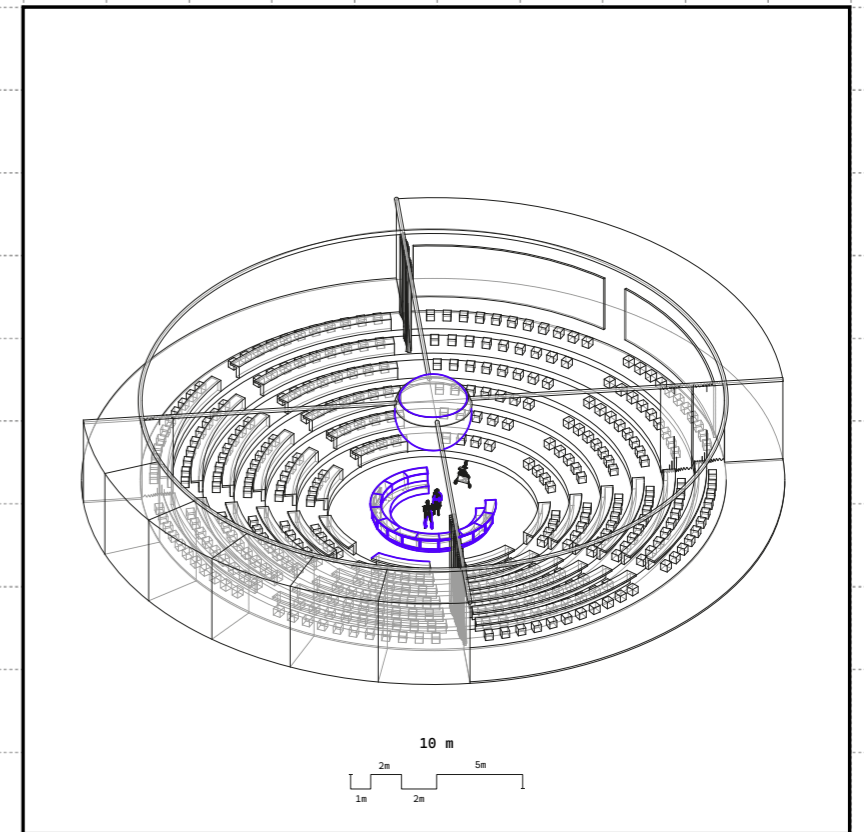
Towards negotiating



- Face-to-face talking pods -



- Group conversation spaces -



- Plenary hall / Broadcasting studio -

- Assembly spaces -



- Face-to-face talking pods -

Level 08
Plenary Hall / Broadcasting studio

Level 06
Group conversation rooms

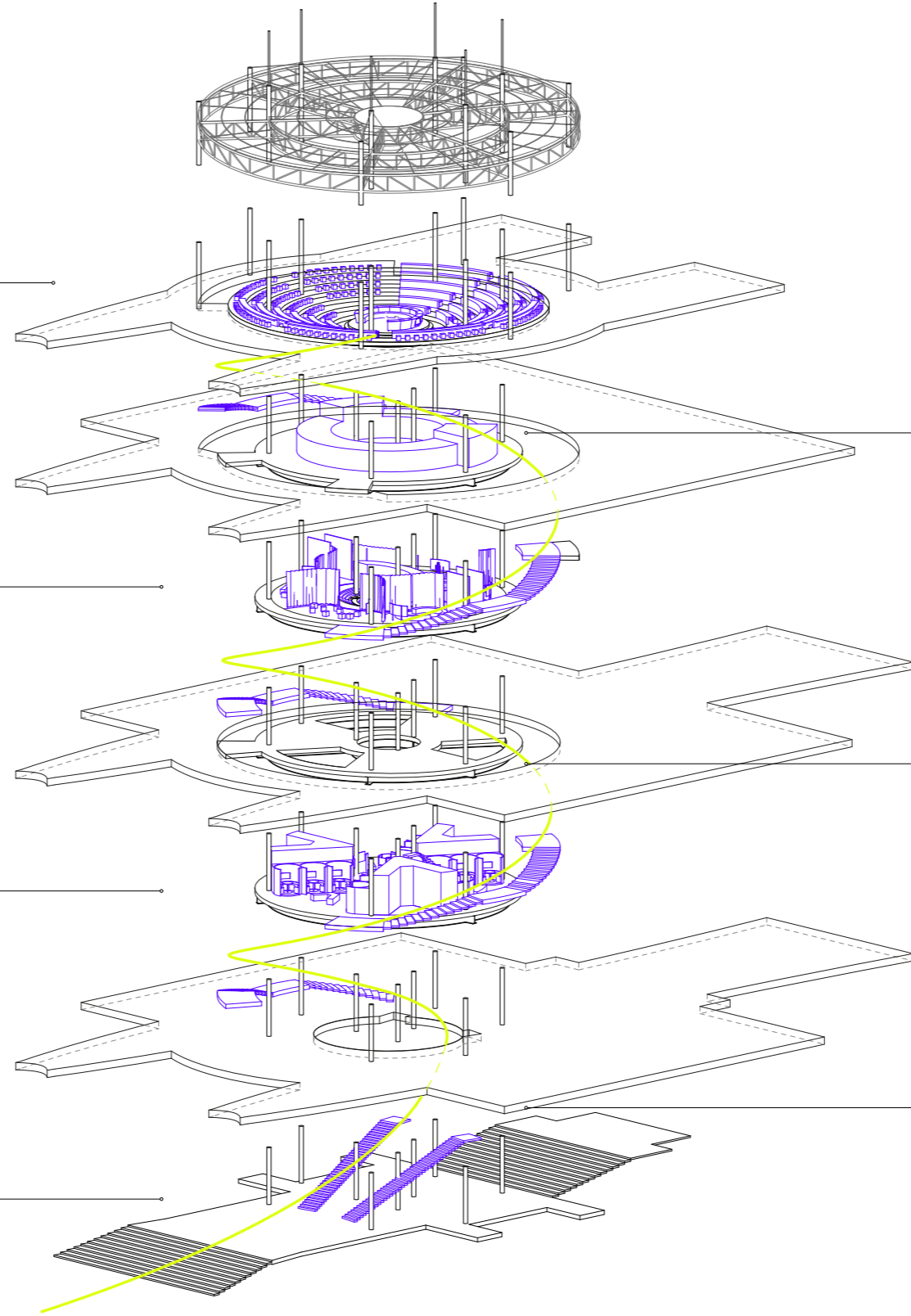
Level 04
Face-to-face talking pods

Level 01 / 02
Entrance

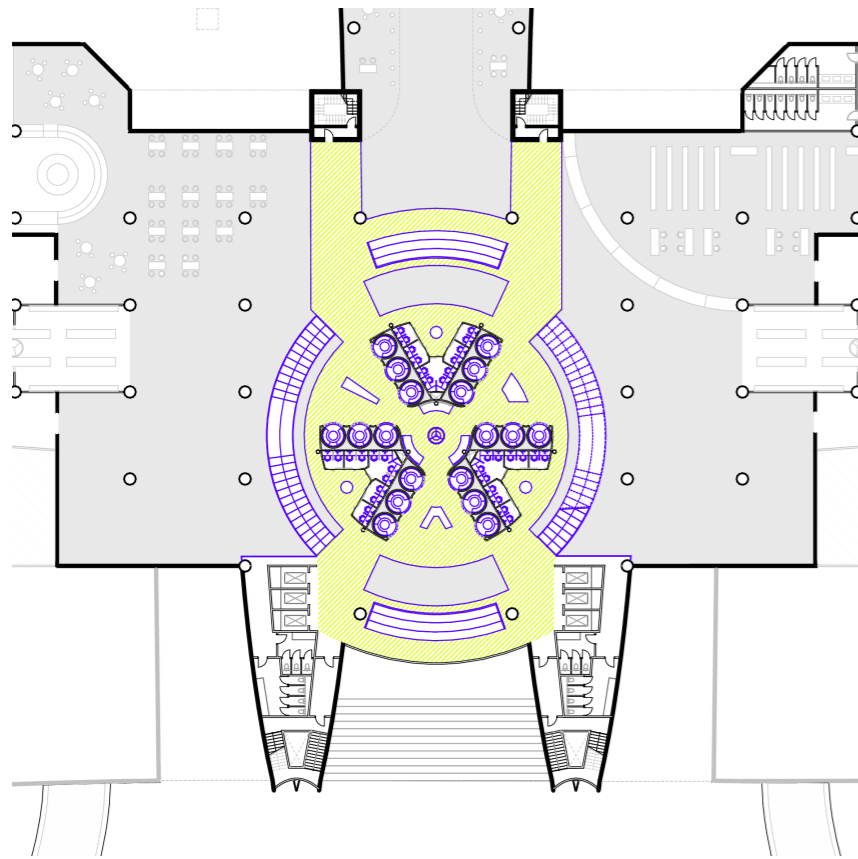
Level 07
Translation chambers / Control centre

Level 05
Library / Gathering zone

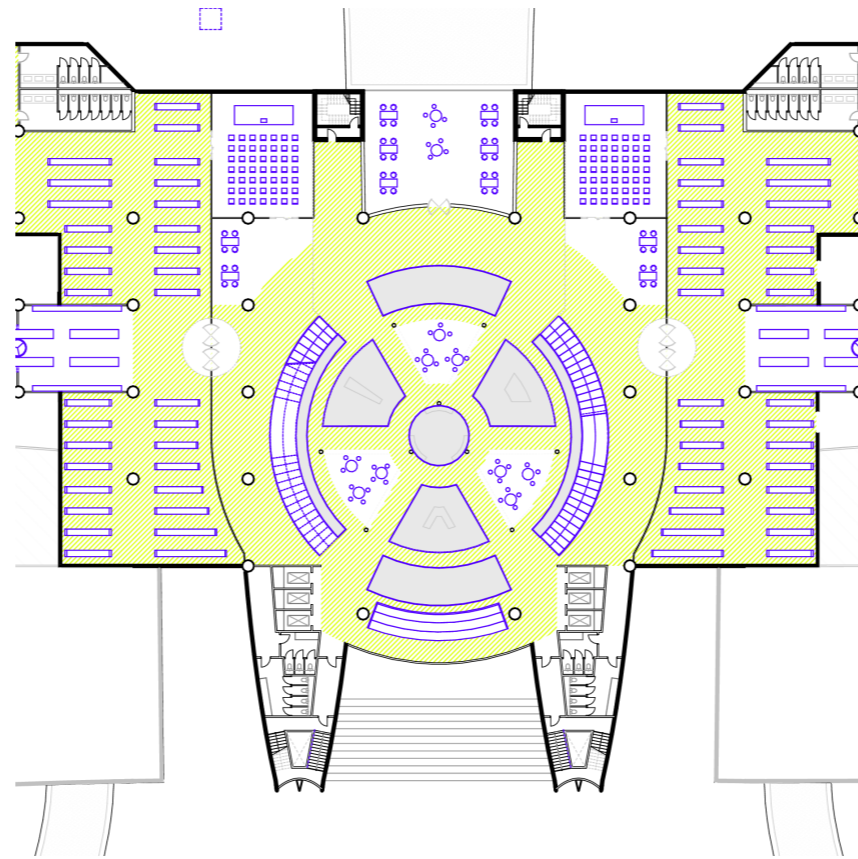
Level 03
Intersection zone



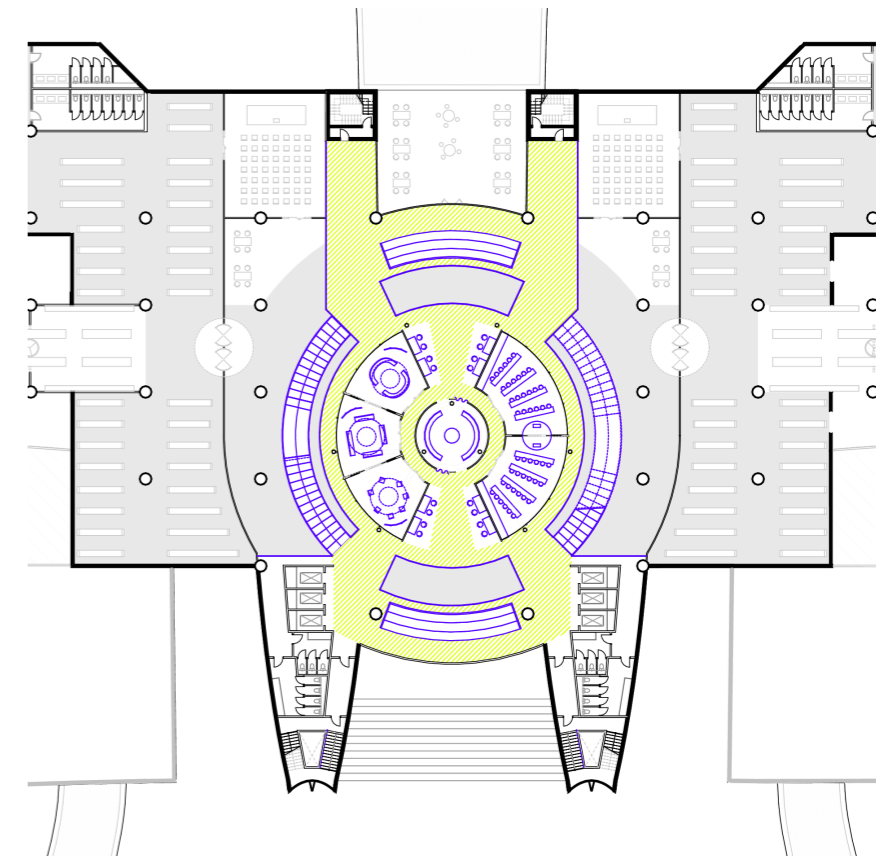
- Vertical spine -



Level 04 One-on-one talking pods

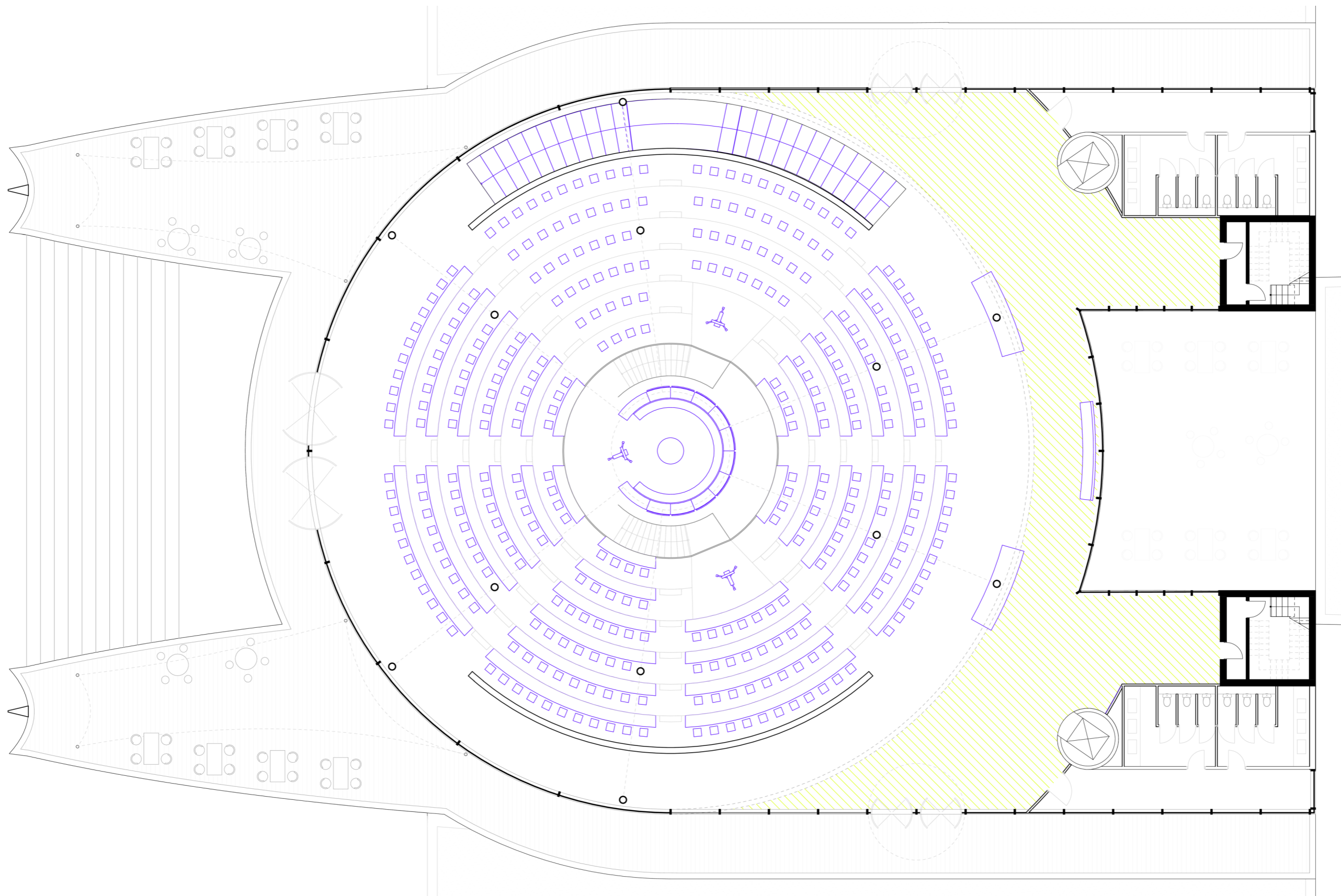


Level 05 Library / gathering zone

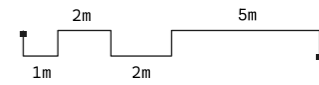


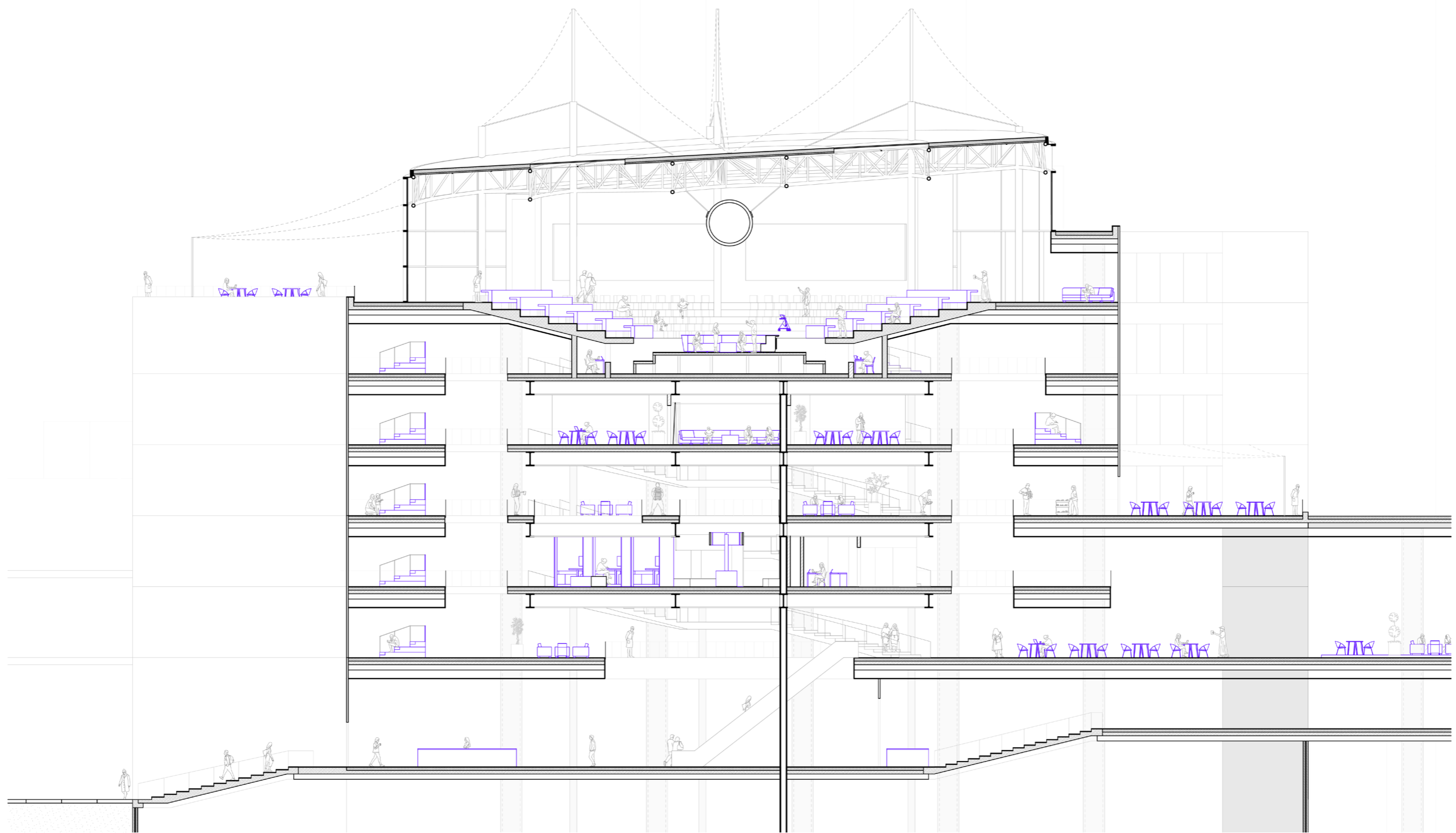
Level 06 Group conversation rooms

- Floor plans DISCUSSION STAGES -



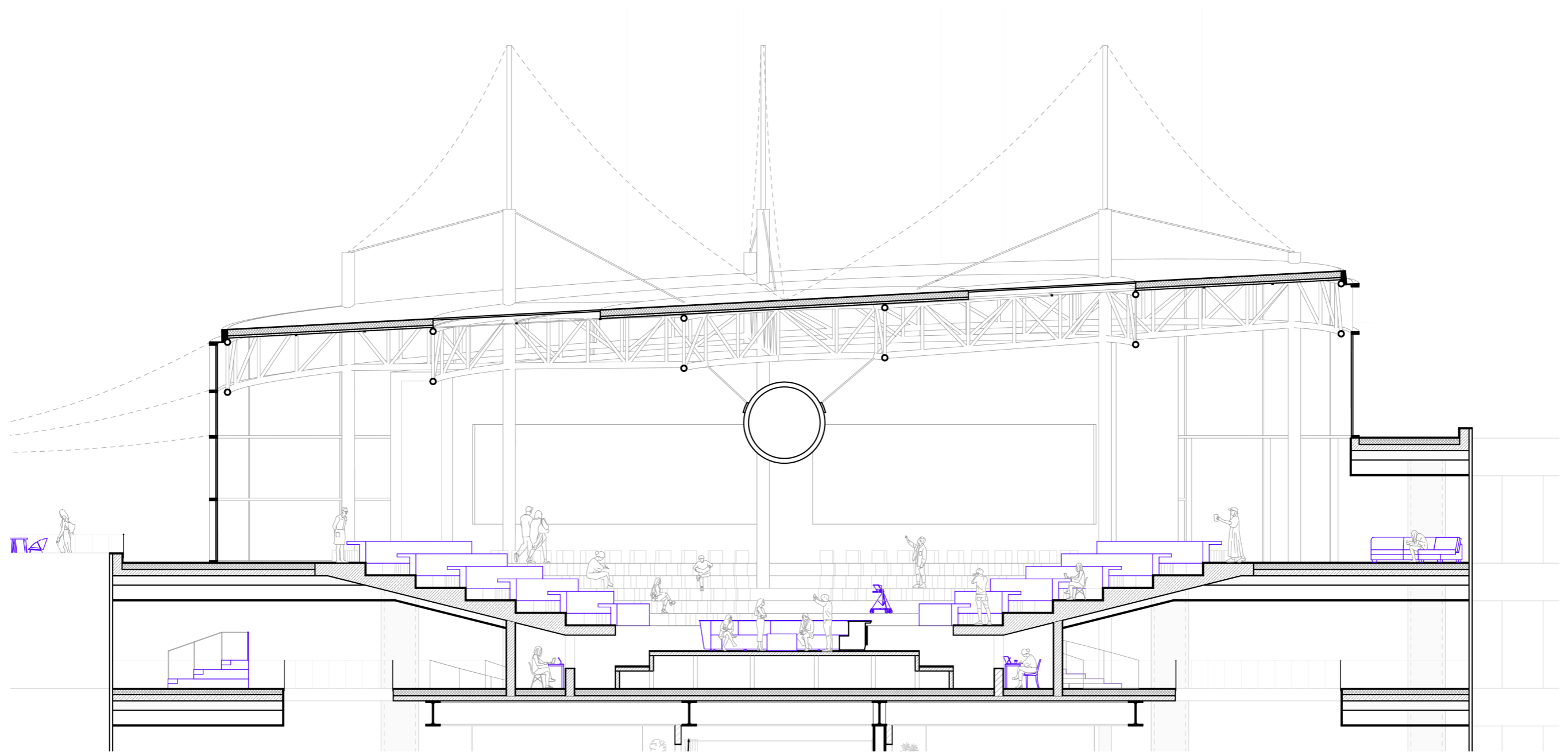
- Floor plan plenary hall -
1:150





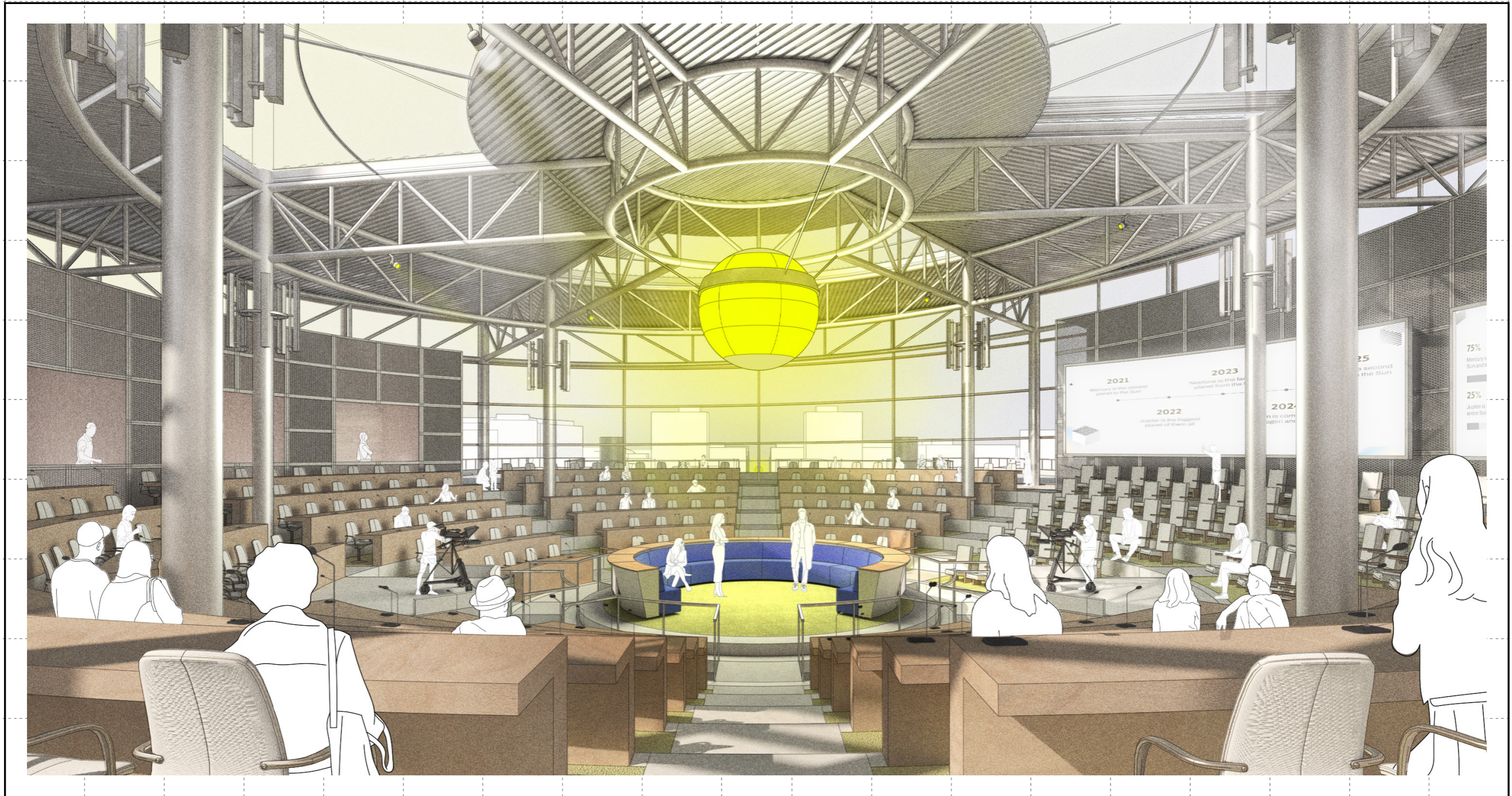
- Section DISCUSSION STAGES -

1:200

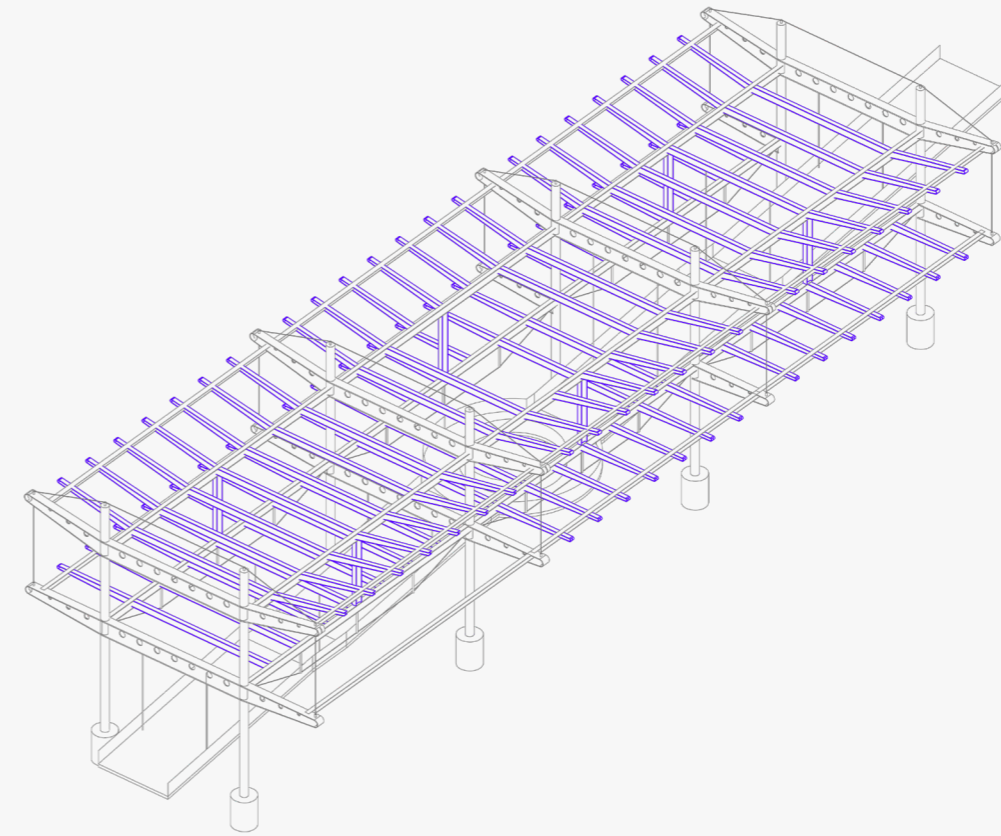


- Section plenary hall -

1:100



- Plenary hall -



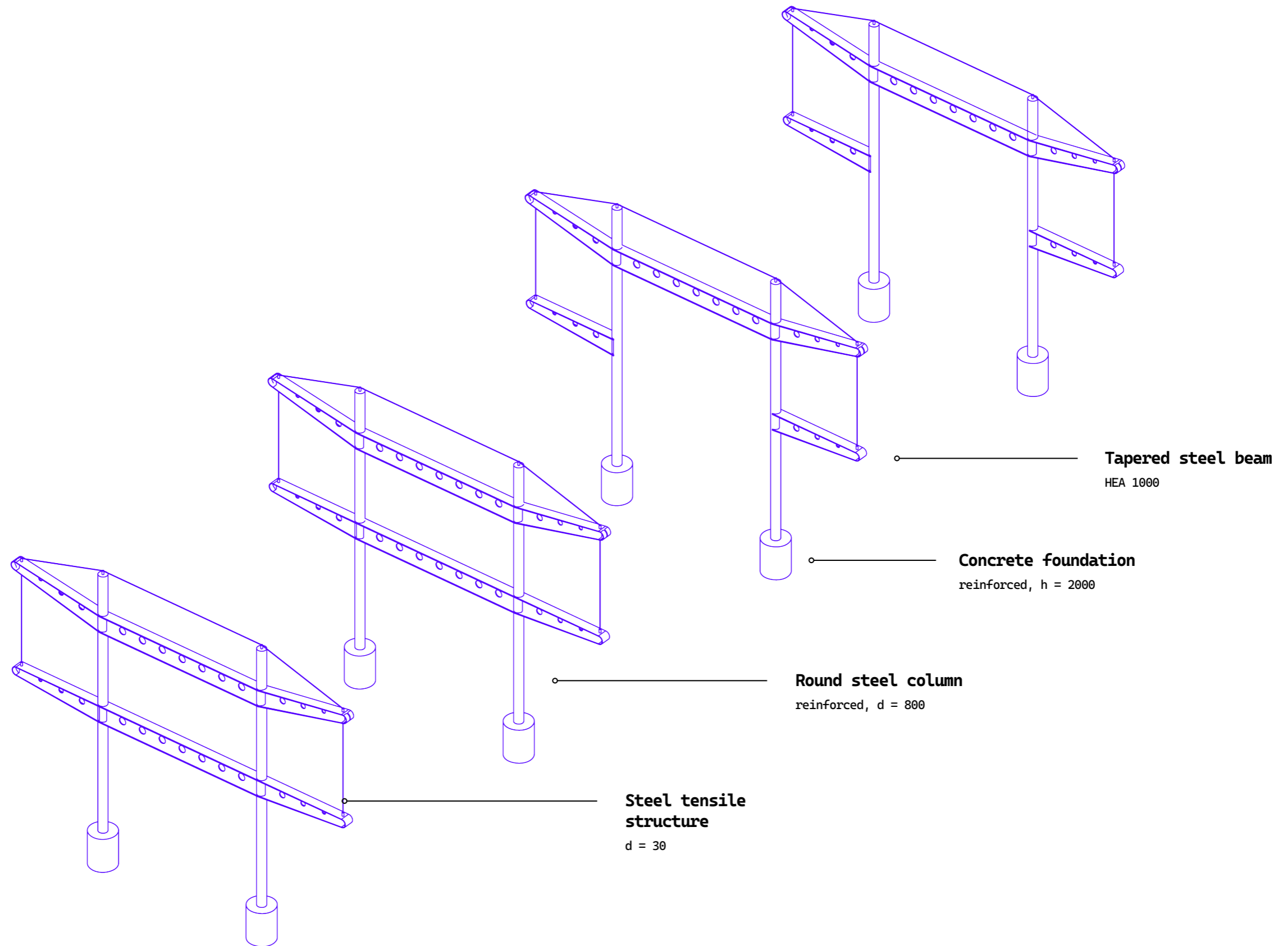
III. ASSEMBLY

ASSEMBLING AN

ASSEMBLY SPACE

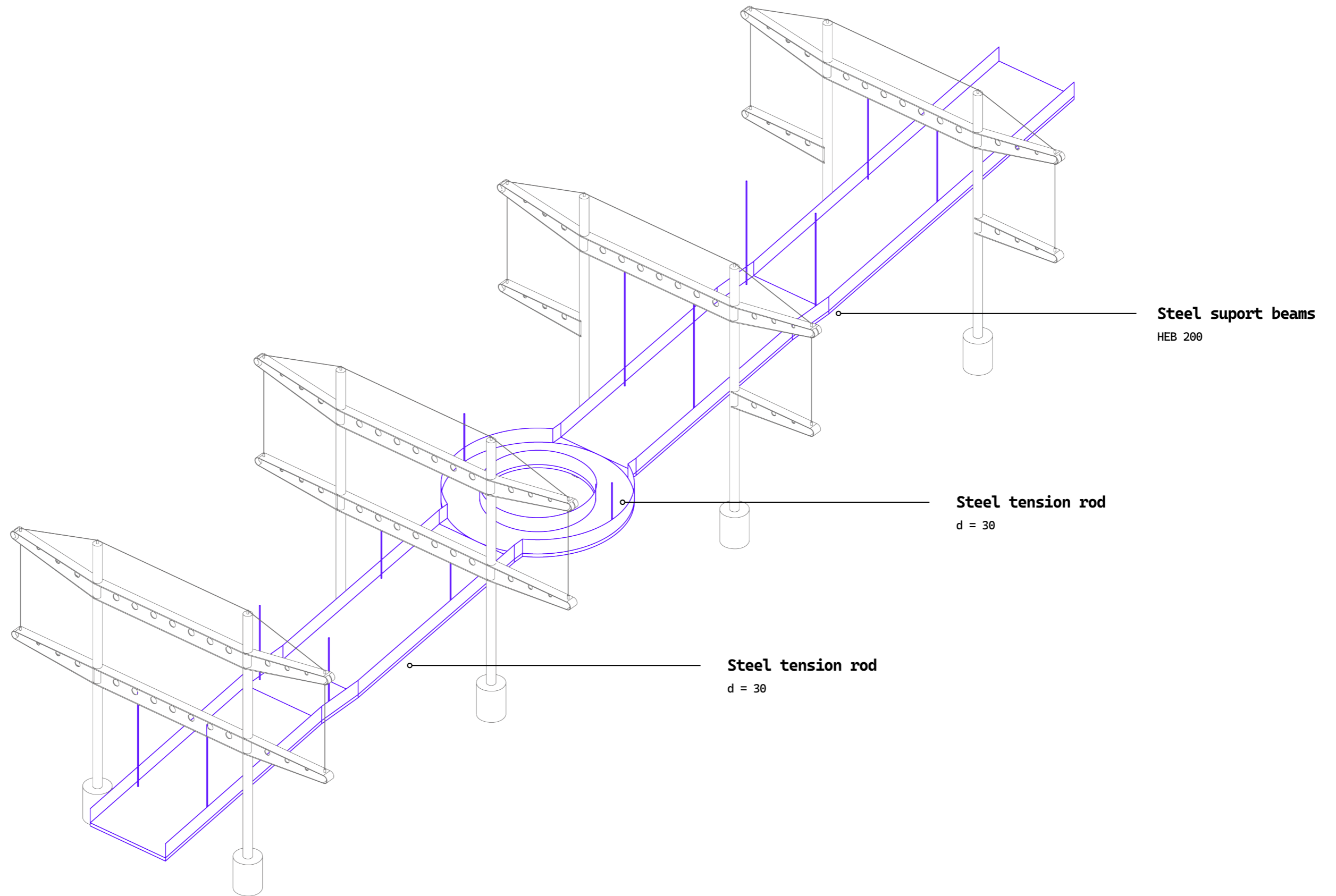
THE BUILDING AS A MIRROR OF THE COMPLEX POLITICAL FRAMEWORK OF THE EU

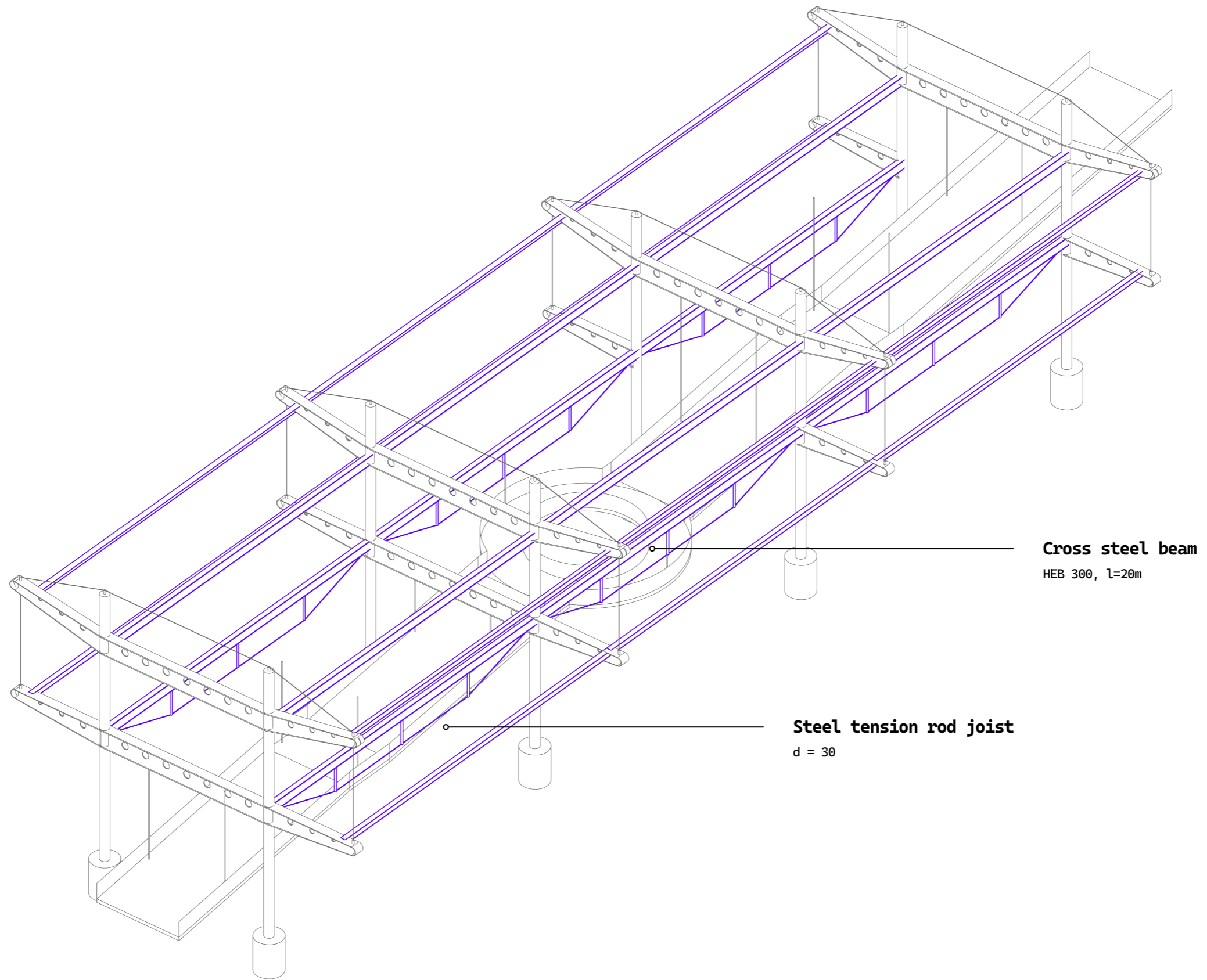




- Stiffened steel frames -

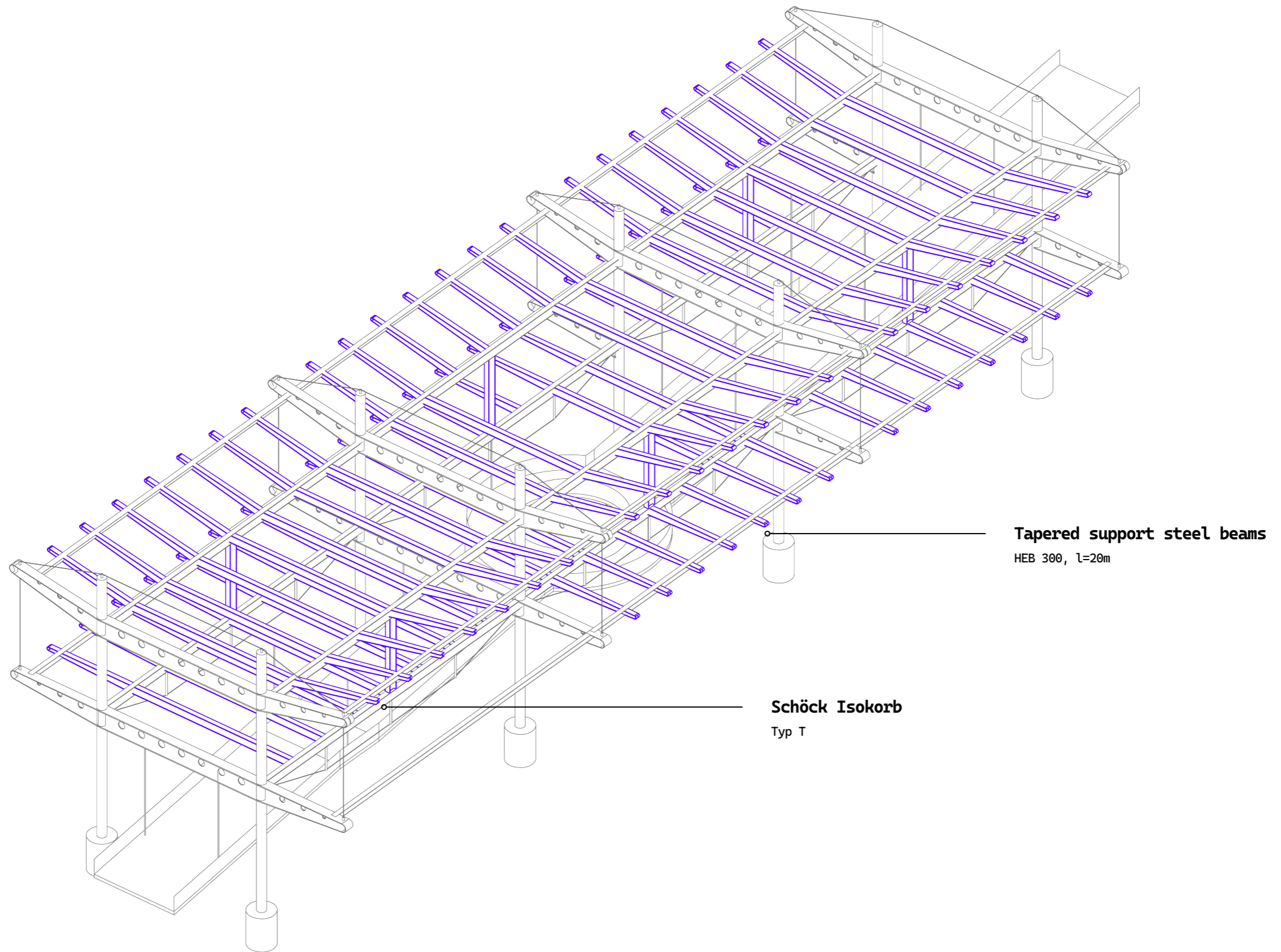






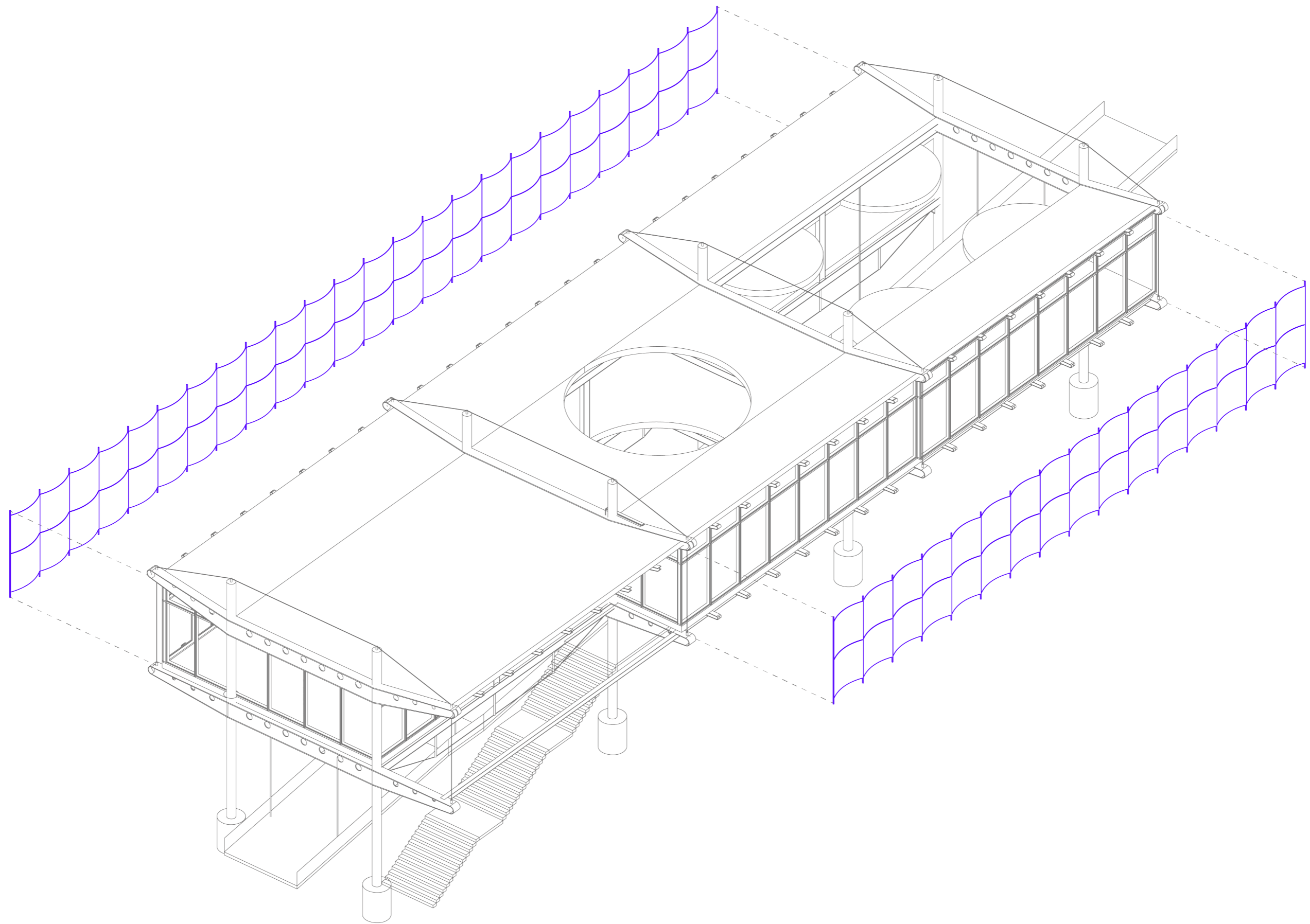
Cross steel beam
HEB 300, $l=20m$

Steel tension rod joist
 $d = 30$

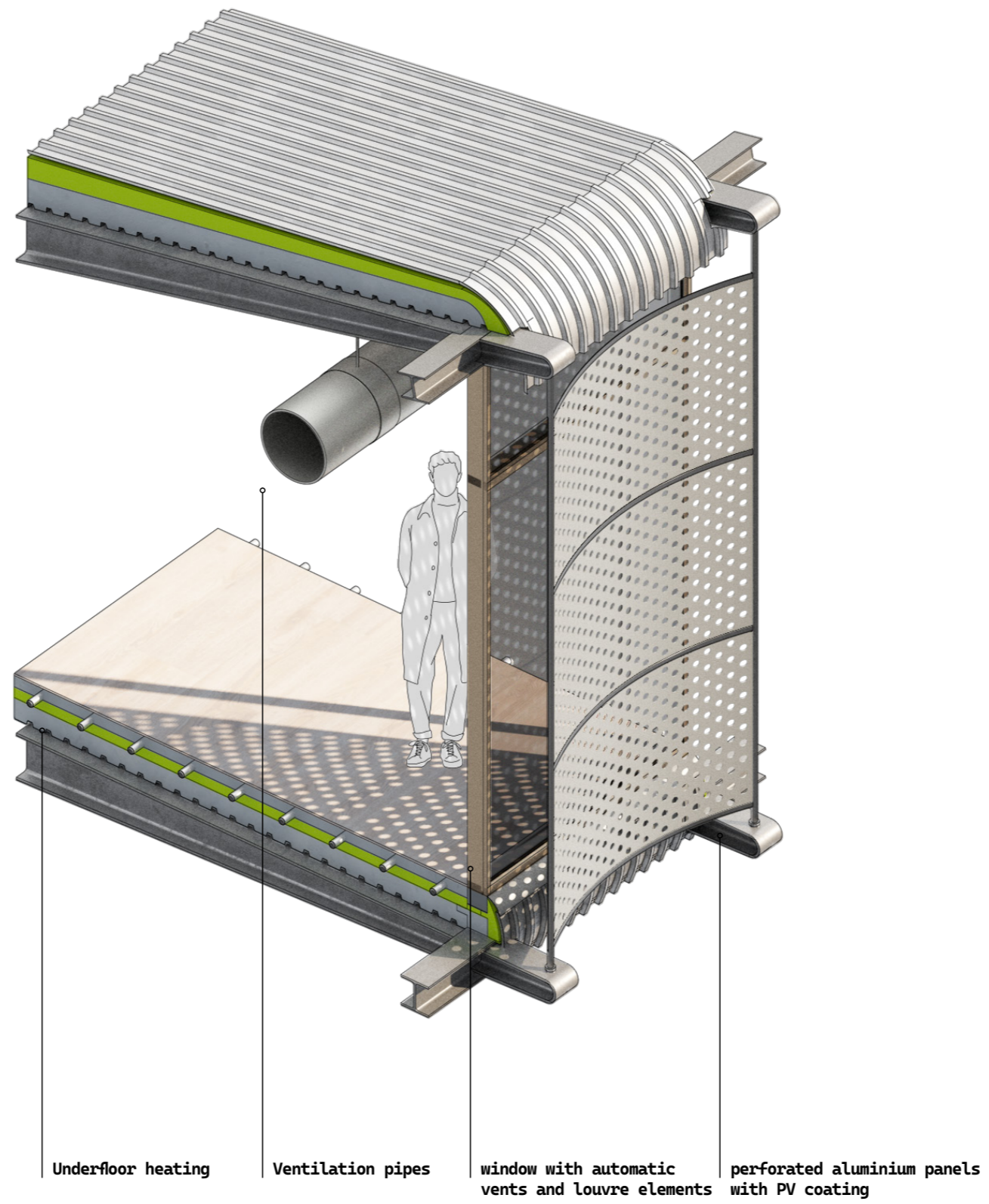


Tapered support steel beams
HEB 300, l=20m

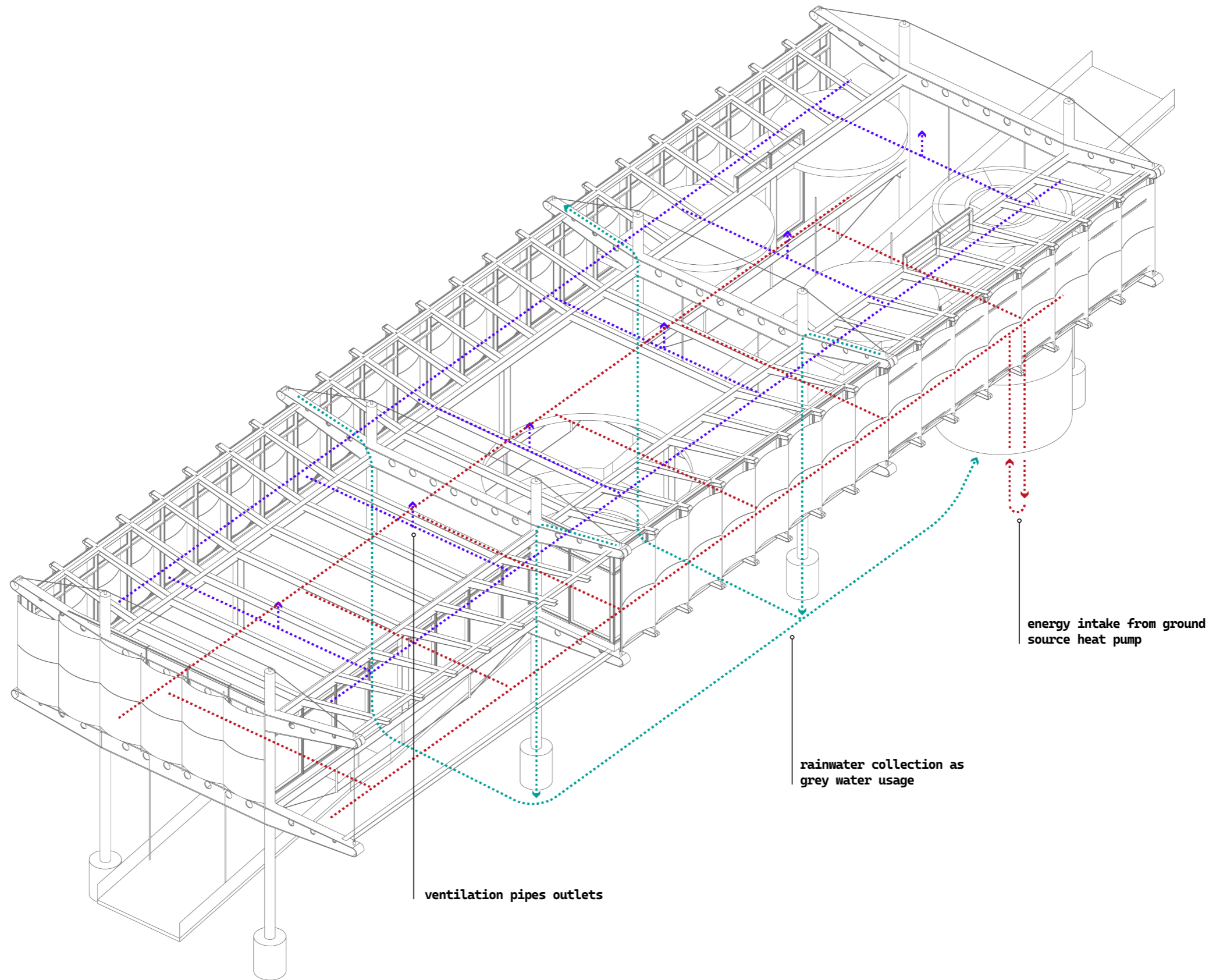
Schöck Isokorb
Typ T



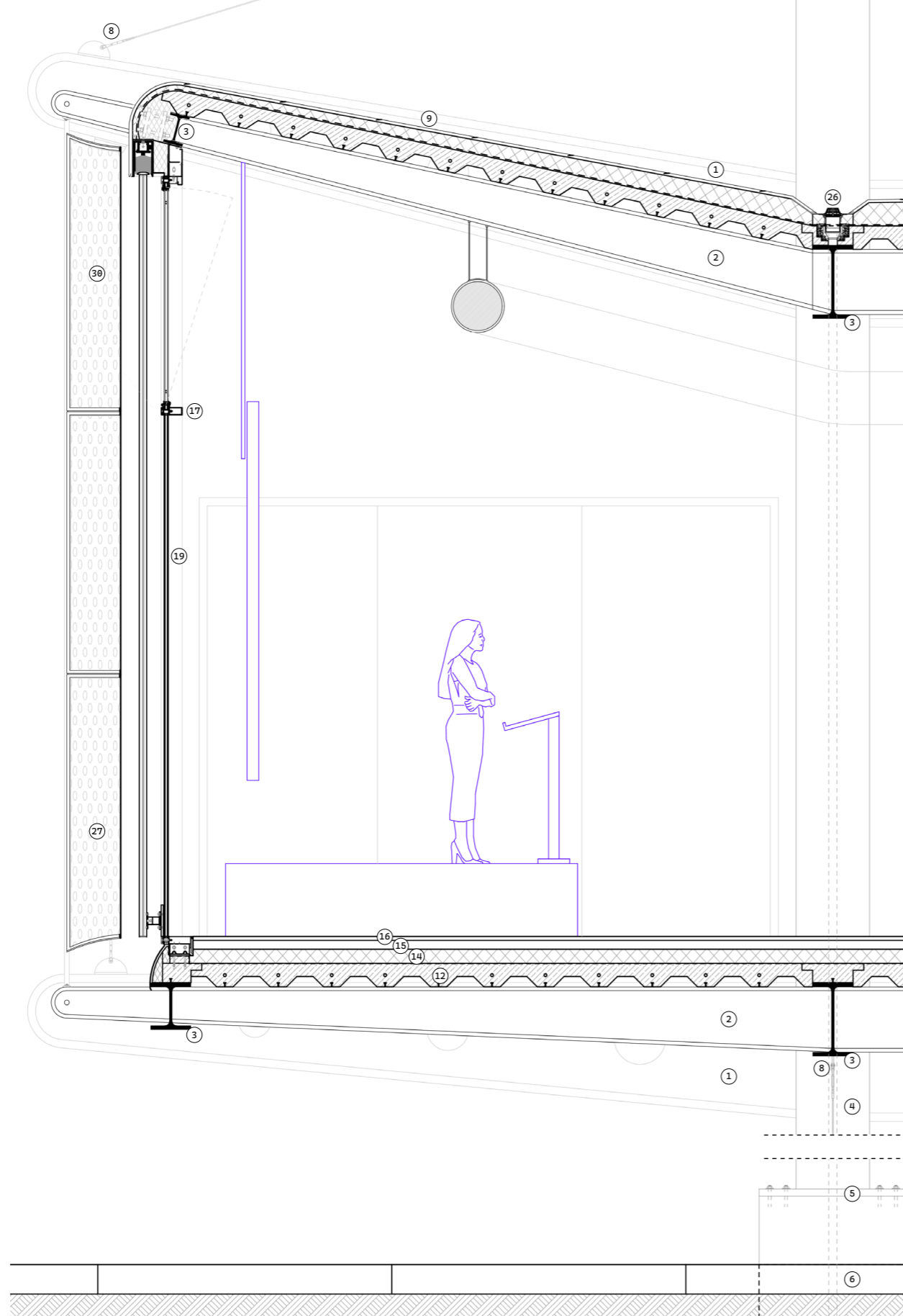
- Facade concept Pole I / II -



- Facade element -



- Climate concept Pole I / II -

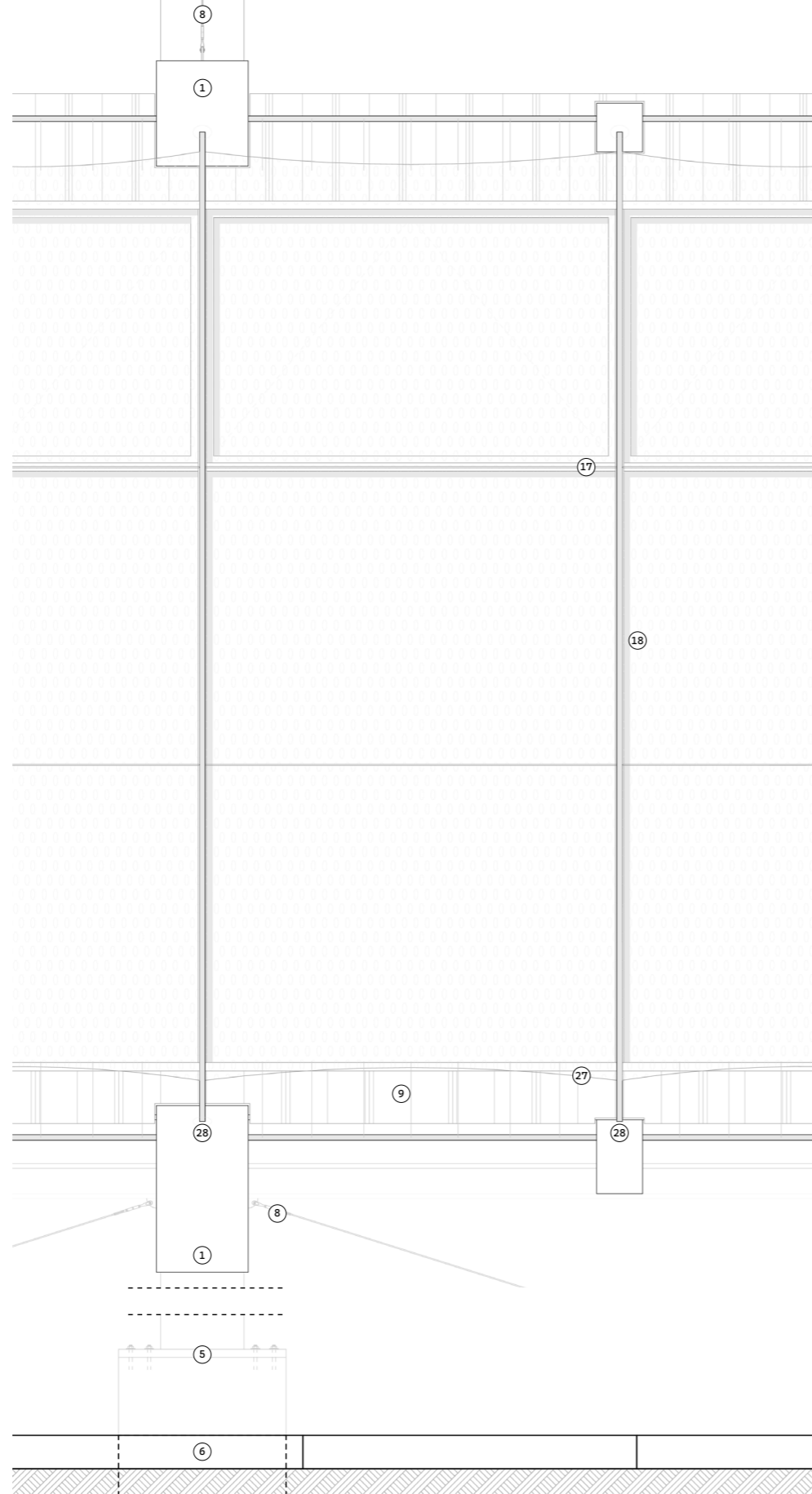


- ① Tapered steel beam HEA 1000
- ② Tapered support steel beam HEB 300
- ③ Cross steel beam HEB 300 / HEB 200
- ④ Reinforced round steel column
- ⑤ Steel plate
- ⑥ Concrete foundation
- ⑦ Schöck Isokorb Typ T
- ⑧ Steel tension rod joist

- ⑨ Sheet metal cladding
- ⑩ Air layer
- ⑪ In-situ concrete elemente
- ⑫ Trapezoidal metal profile sheet 3000mm
- ⑬ Vapor barrier
- ⑭ Thermal insulation XPS 1000m
- ⑮ Sound insulation 60mm
- ⑯ Polished screed with underfloor heating 30mm
- ⑰ Transom (curtain wall facade)
- ⑱ Mullion (curtain wall facade)
- ⑲ Double glazing
- ⑳ Rail venetian blinds
- ㉑ Casement blinds
- ㉒ Steel angle
- ㉓ Aluminium cladding
- ㉔ Mineral wool insulation
- ㉕ Sprinkler system
- ㉖ Roof drainage system

- ㉗ Perforated bend aluminium panels 3mm
- ㉘ Steel bar as panel holder
- ㉙ Metal clamping elements
- ㉚ Imprinted PV-panels

- Pole I -
Cross section facade 1:20

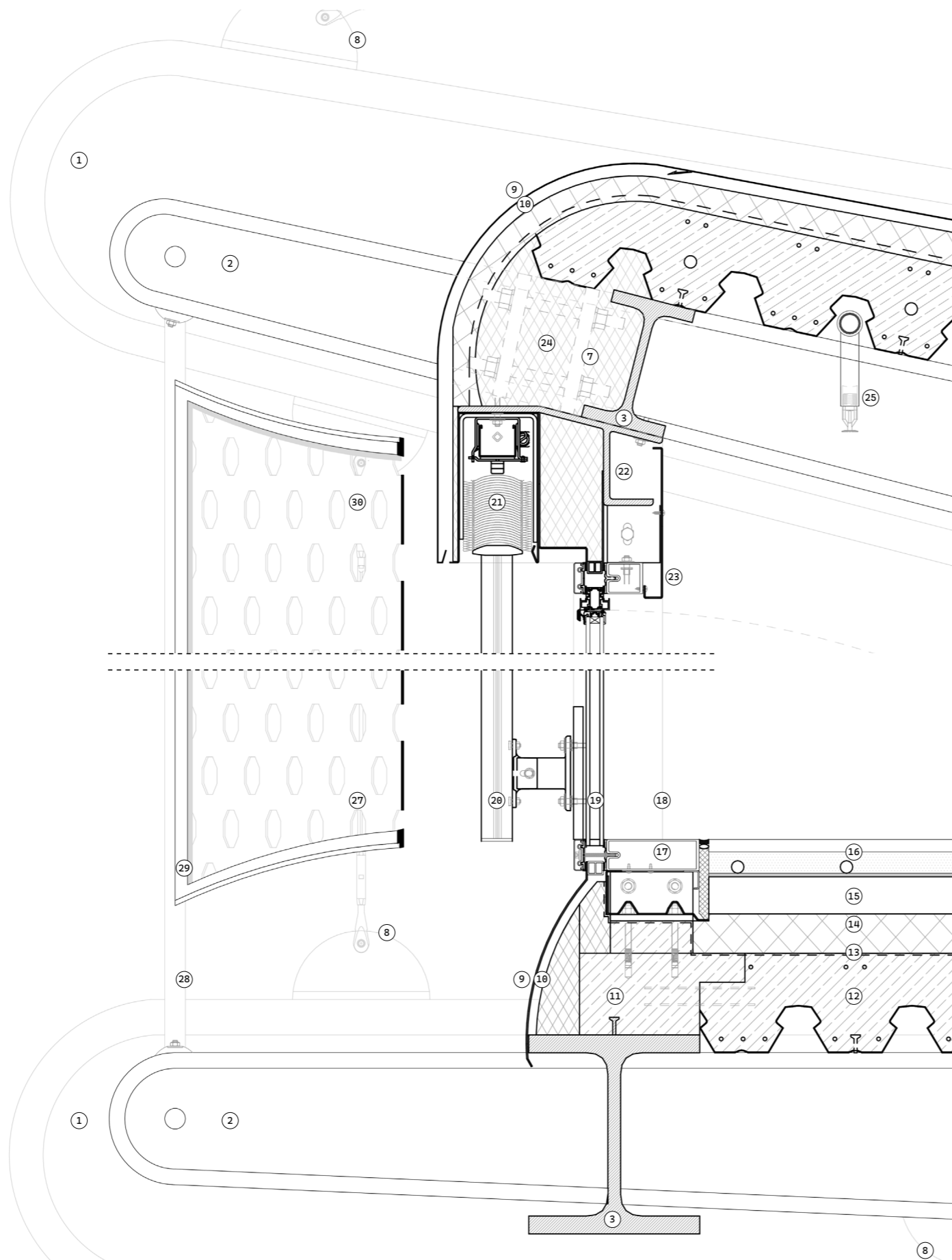


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- Pole I -
Elevation facade 1:20

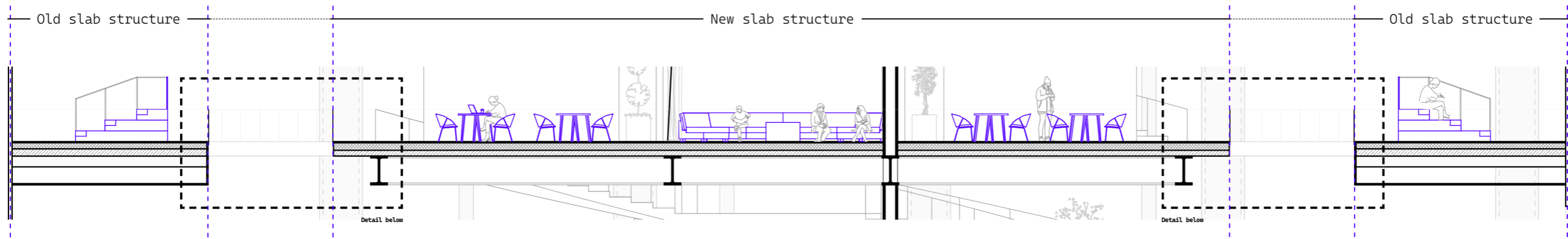


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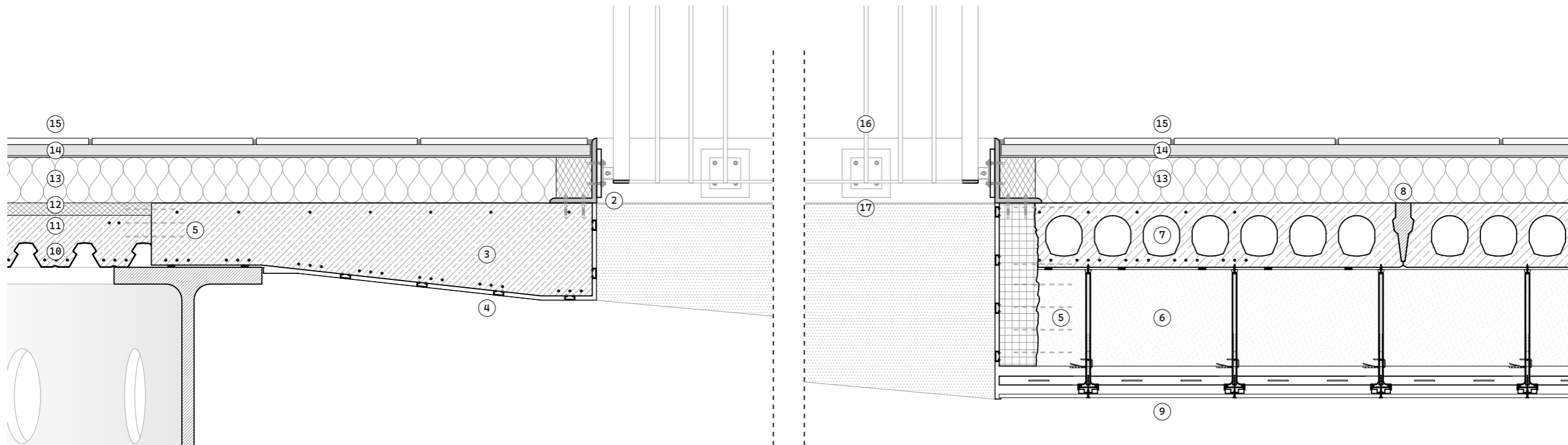
- ⑨ Sheet metal cladding
- ⑩ Air layer
- ⑪ In-situ concrete elements
- ⑫ Trapezoidal metal profile sheet 3000mm
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- ㉗ Perforated bend aluminium panels 3mm
- ㉘ Steel bar as panel holder
- ㉙ Metal clamping elements
- ㉚ Imprinted PV-panels

- Pole I -
 Connection roof and floor 1:5



- Zoom-in section Focal point -
 Connection old + new slab 1:200



- ① Round IPE 800
- ② Finishing steel angle 20mm
- ③ In-situ concrete element
- ④ Aluminium cladding 1mm
- ⑤ Steel reinforcement

- ⑥ Concrete cross beam 300mm
- ⑦ Prestressed concrete slabs 200mm
- ⑧ Levelling concrete filling
- ⑨ Suspended ceiling

- ⑩ Trapezoidal profile sheets 70mm
- ⑪ Reinforced concrete topping 50mm
- ⑫ XPS insulation 40mm
- ⑬ Sound insulation 140mm
- ⑭ Screed 40mm
- ⑮ Tiles 20mm
- ⑯ Steel bar railing
- ⑰ Railing fastening

- Focal point -
 Connection old + new slab 1:10

