

The background features a light gray pencil sketch of a building on the left side, with a series of vertical lines suggesting a facade. Scattered across the entire page are numerous hand-drawn cubes of varying sizes and orientations, some with internal lines indicating structure or shading.

| Holoforum |

| 01 IDEEN-SONDE |

- Stehgreif Würfel -

Wunderkammer 4.0

Bauhaus-Universität Weimar

Professur Baufornenlehre | Prof. DI DD Bernd Rudolf | Dr. Luise Nerlich
Fakultät Architektur und Urbanistik

Gastkritik: Dr. Tobias Pfeifer-Helke, Direktor Stiftung Schloss Friedenstein Gotha
und Dr. Sabine Zierold, MediaArchitecture, Seminaristische Begleitung: Dr. Alexandra Abel

Entwurfsverfasser: Patricia Berchtold, Sommersemester 2021



01



02



03

Wunderkammer 4.0



Wunderkammer 4.0



04



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Wunderkammer 4.0



10

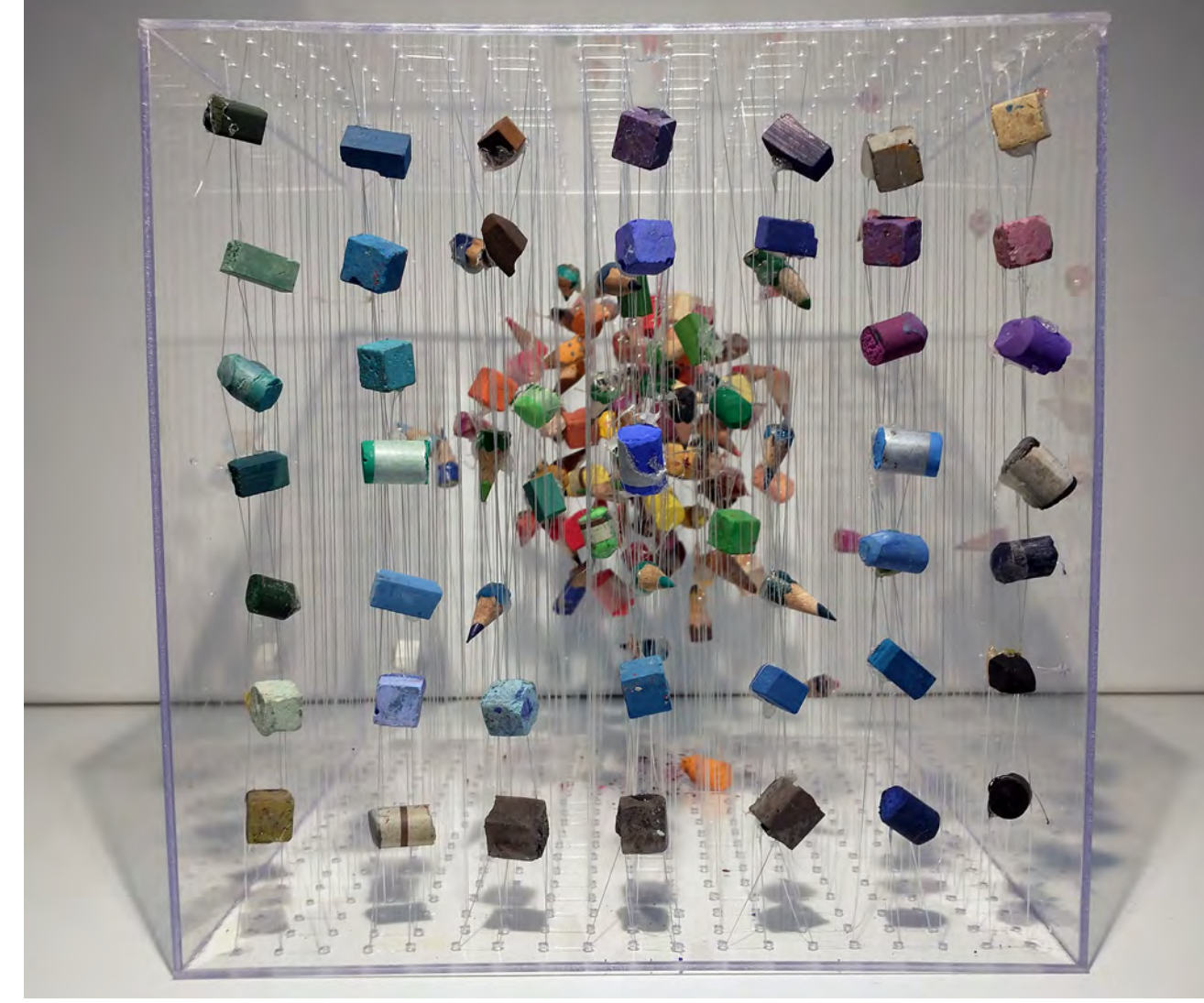


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Wunderkammer 4.0



Wunderkammer 4.0



| Holoforum |

| 02 ORBIT |

- Stadt Gotha -

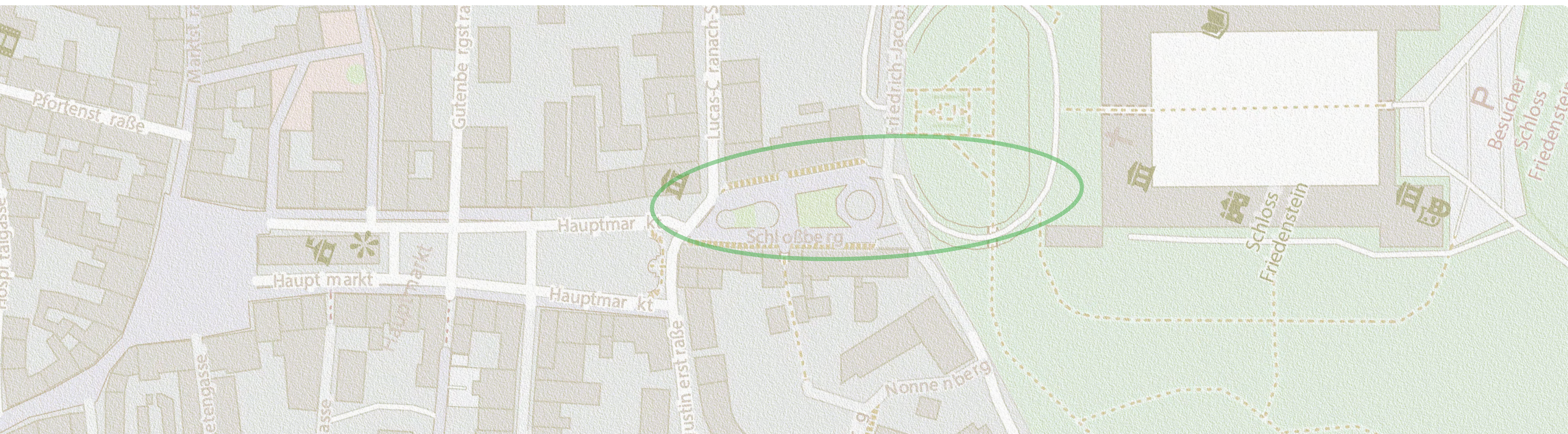
Wunderkammer 4.0

Bauhaus-Universität Weimar

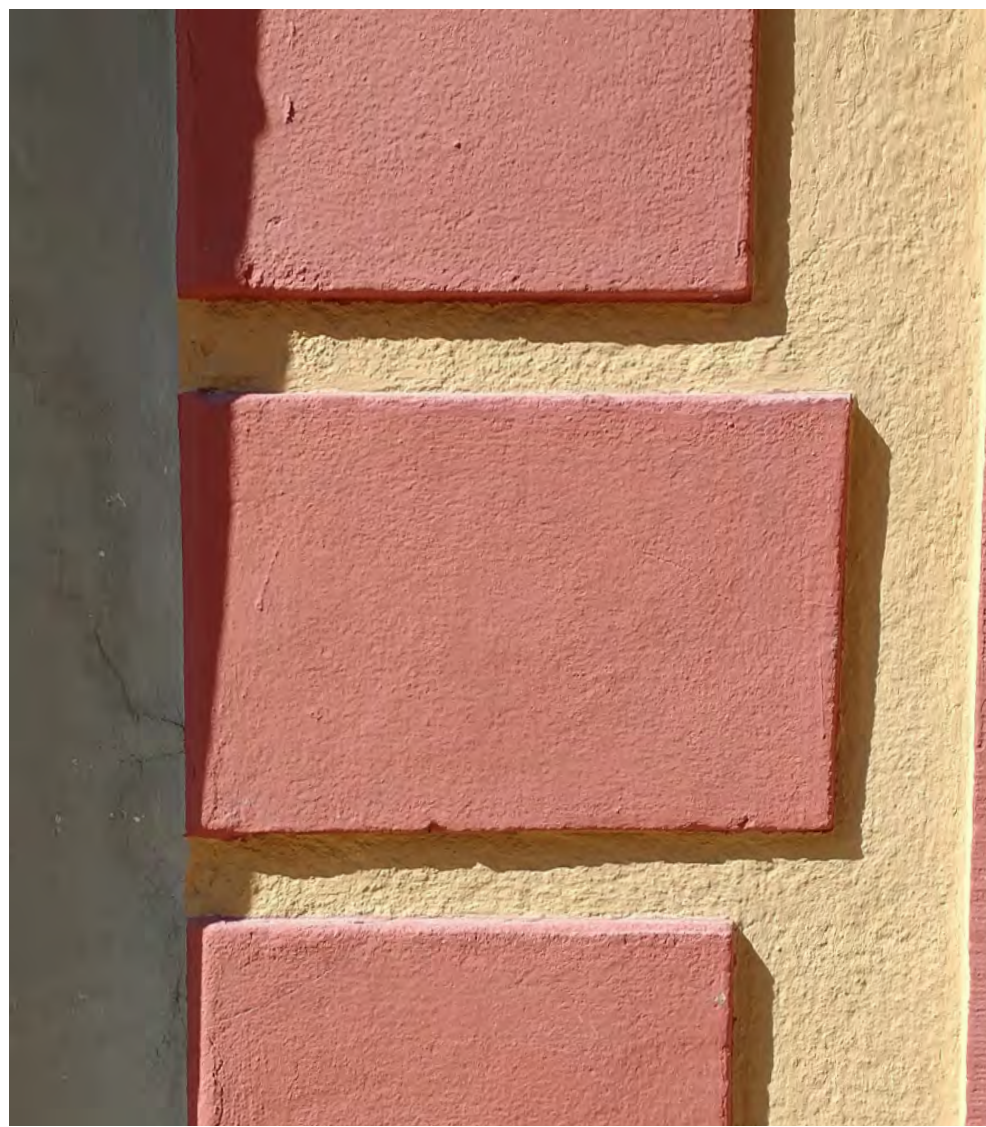
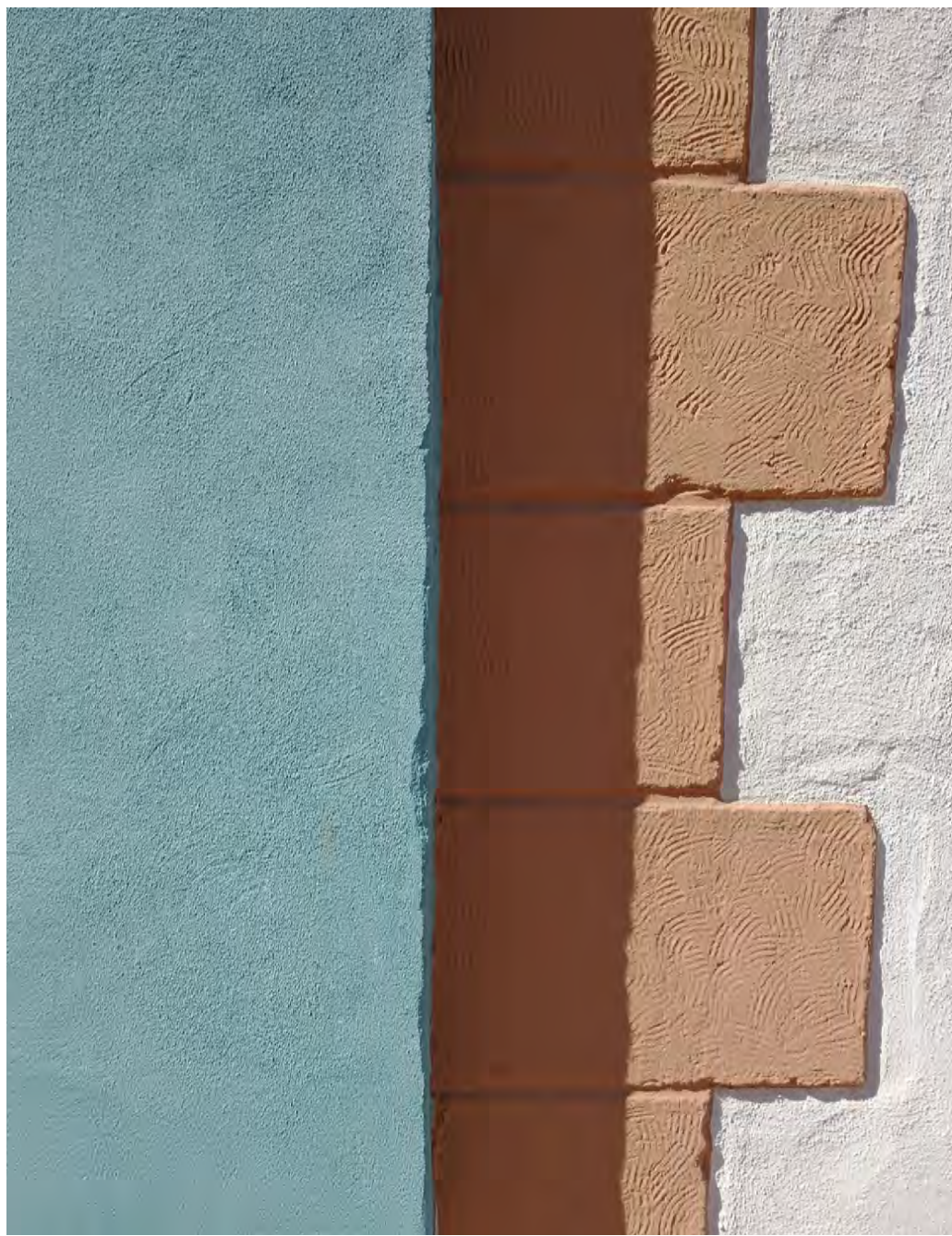
Professur Bauformenlehre | Prof. DI DD Bernd Rudolf | Dr. Luise Nerlich
Fakultät Architektur und Urbanistik

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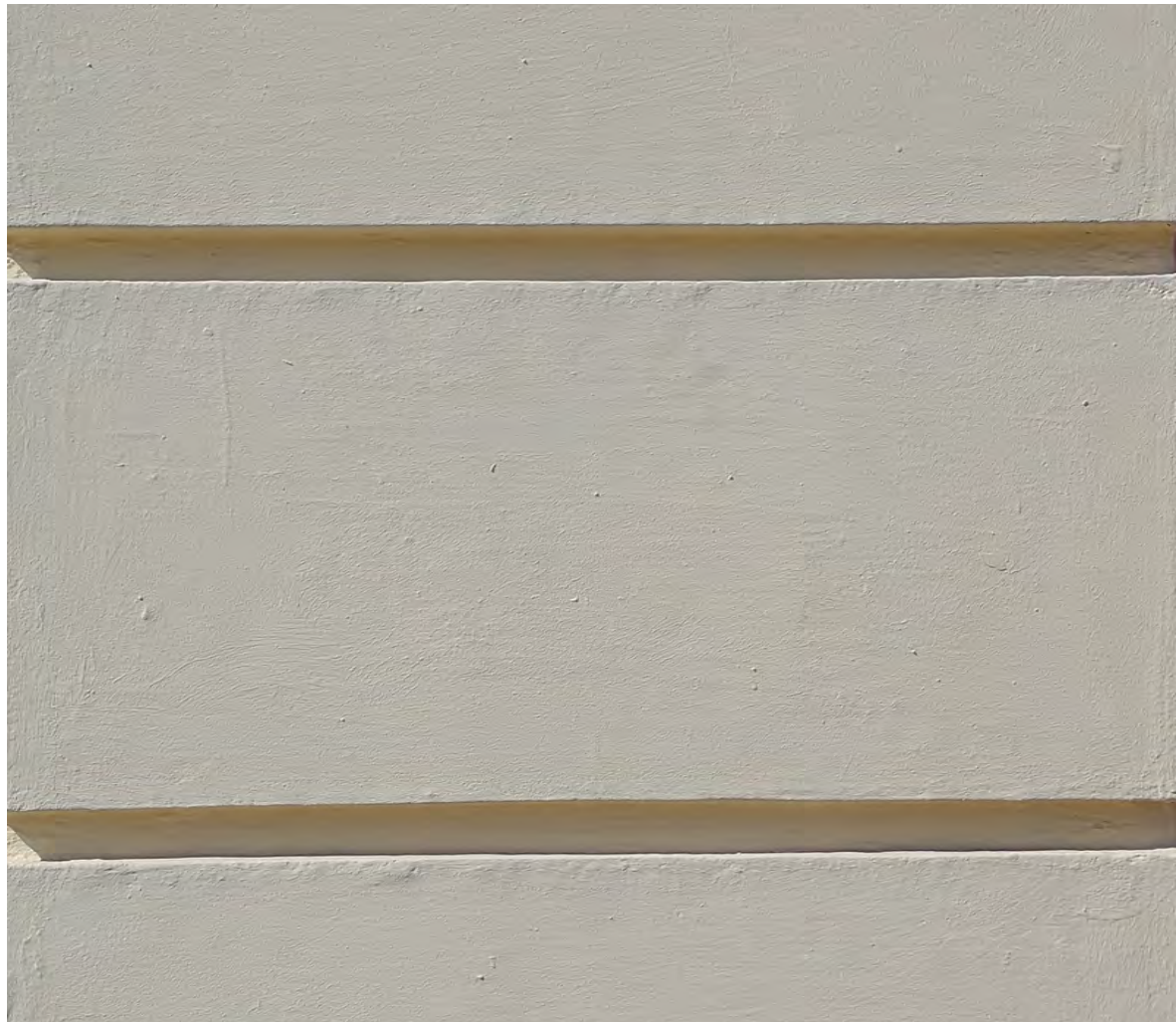
Entwurfsverfasser: Patricia Berchtold, Sommersemester 2021



Wunderkammer 4.0



Wunderkammer 4.0



Stein
glatt | rau



Metall
matt | glänzend



Wunderkammer 4.0



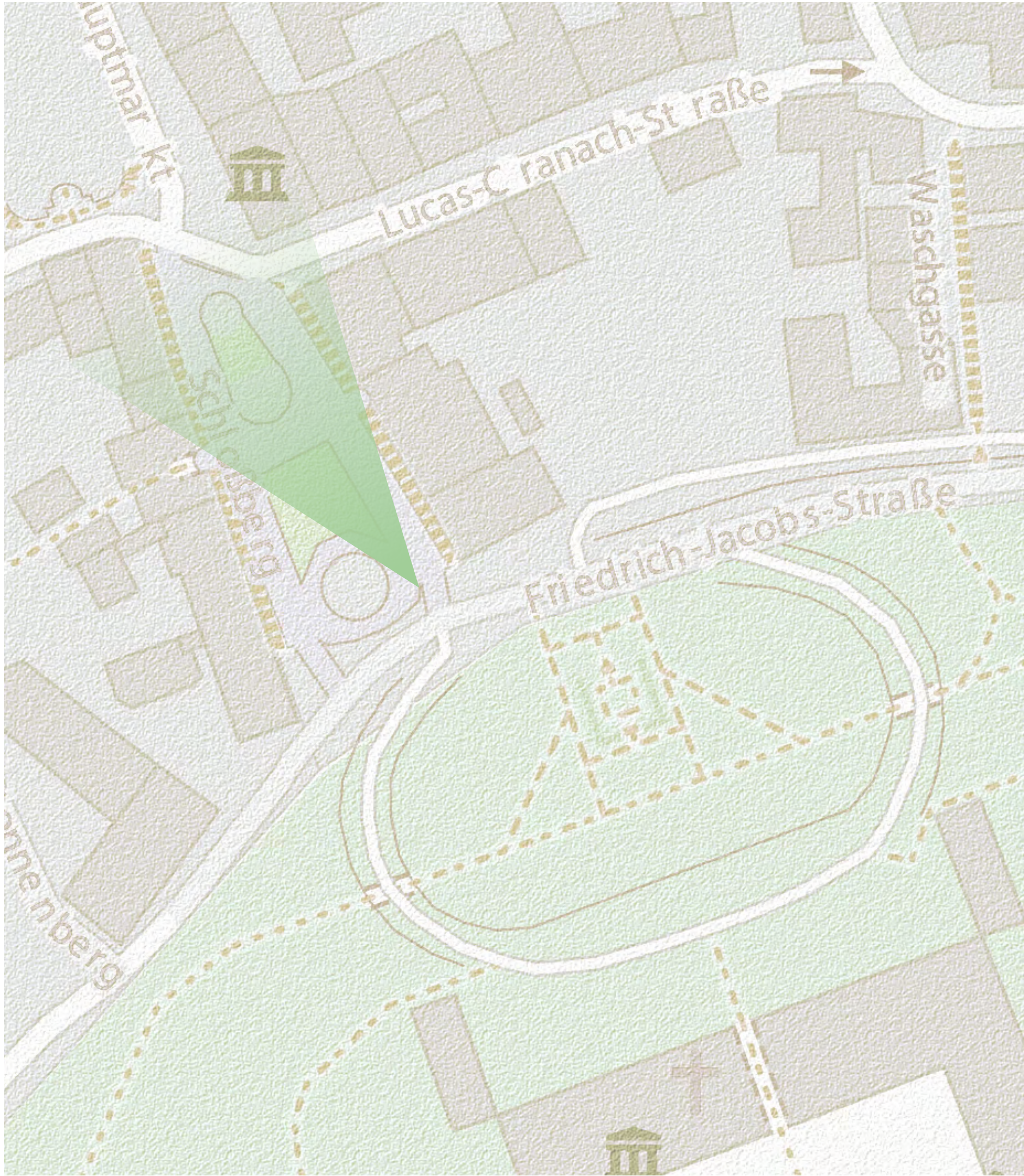
überlagernd | nebeneinander



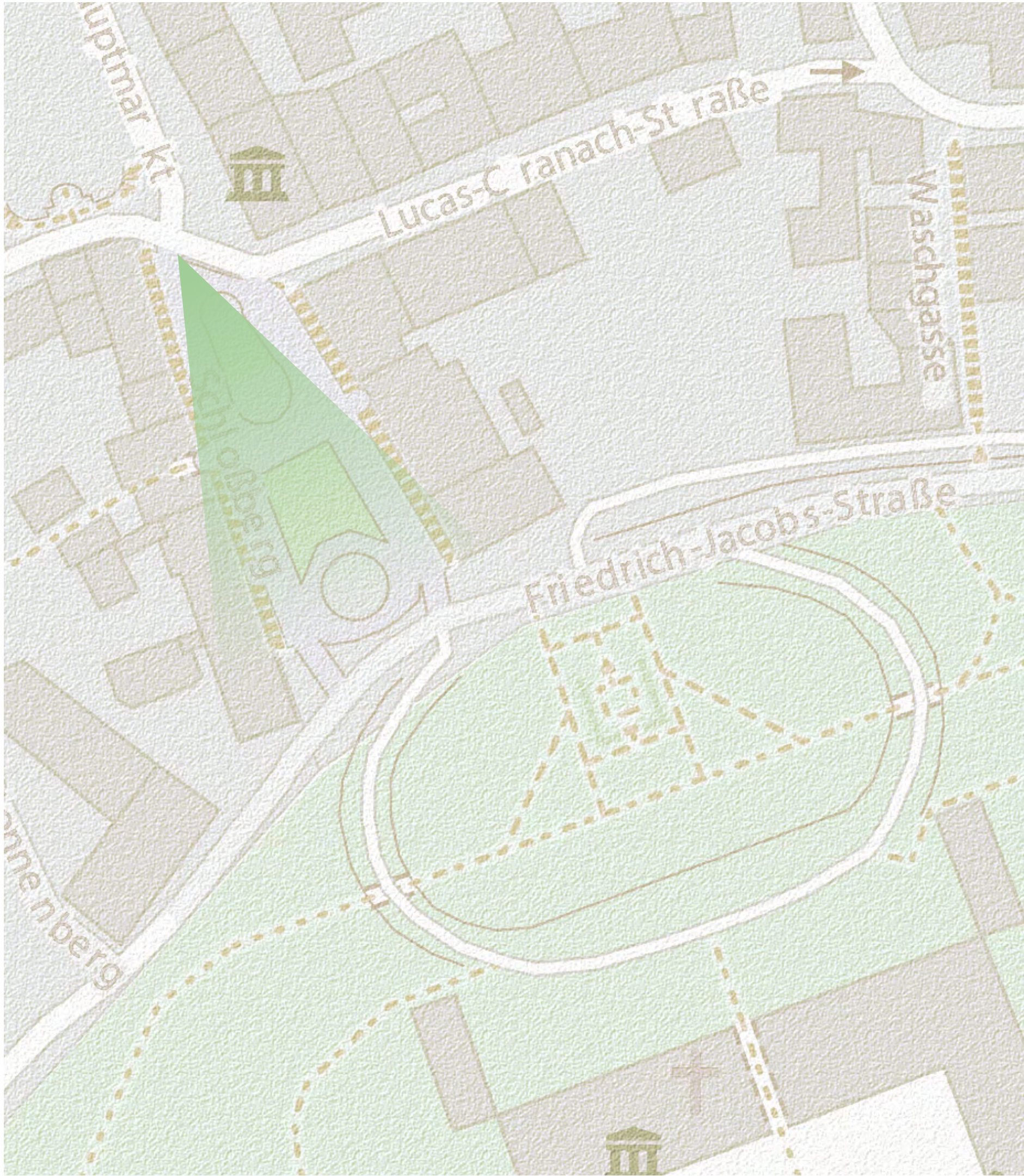
reflektierend | hintereinander



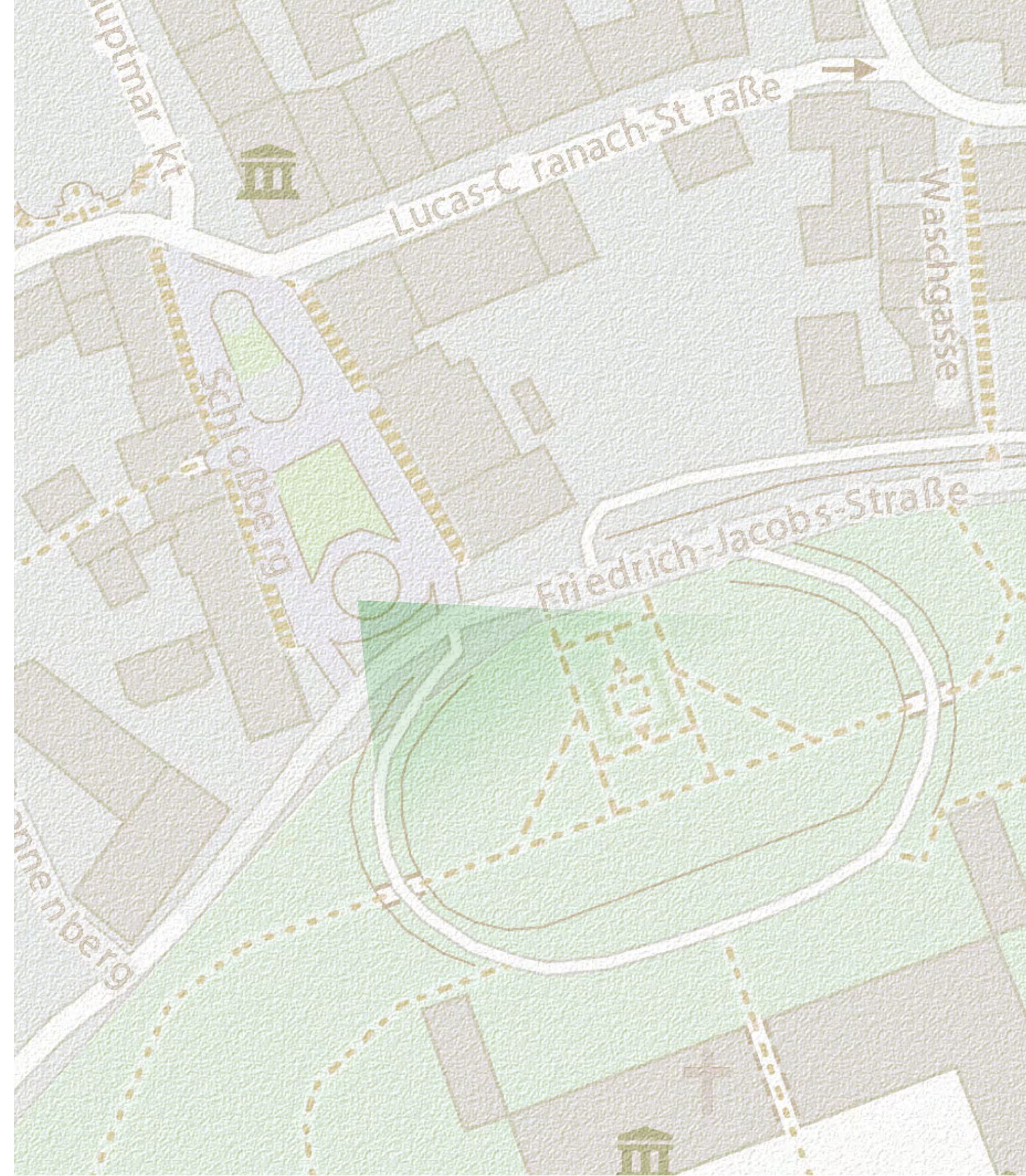
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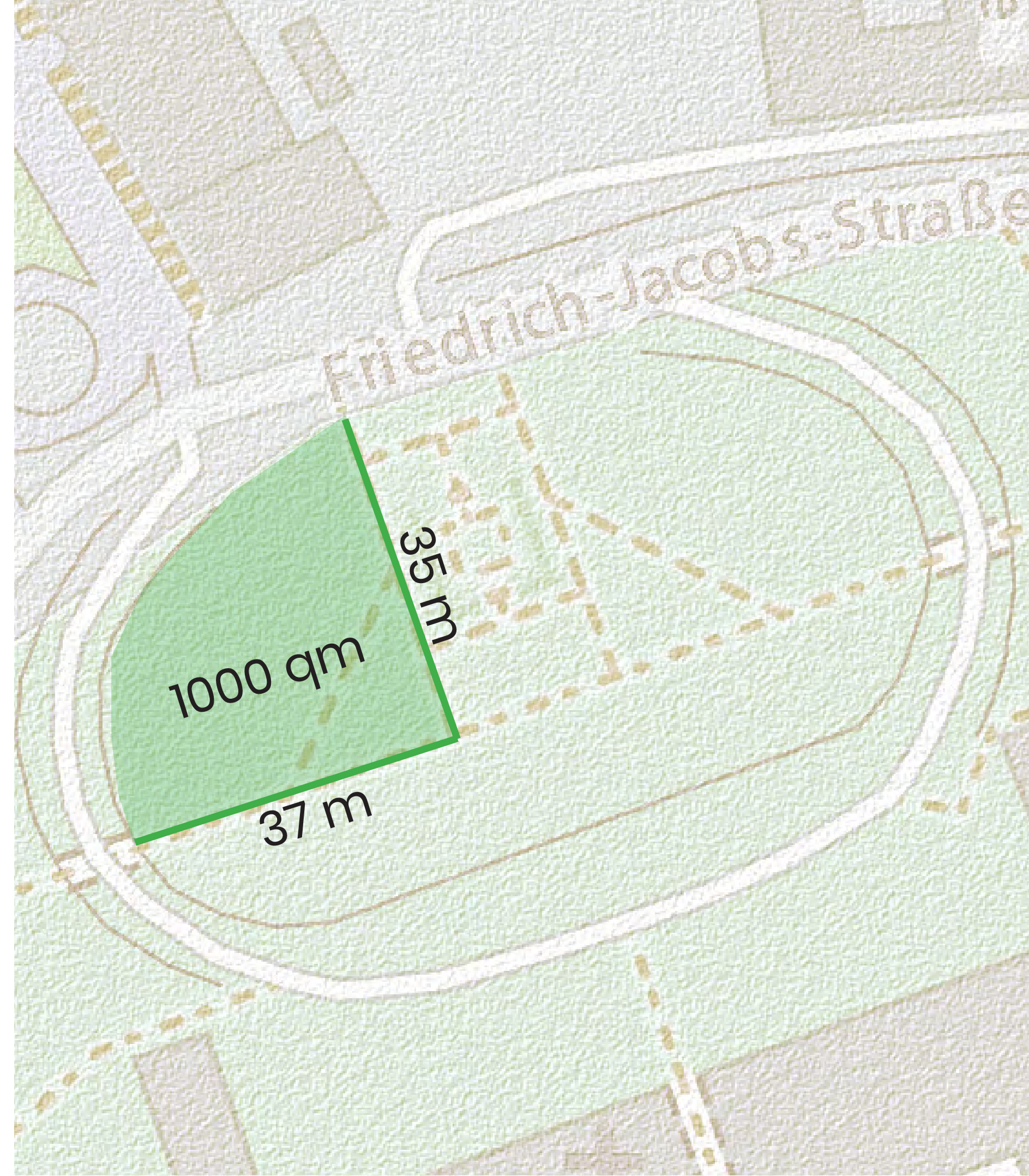
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Wunderkammer 4.0



Wunderkammer 4.0



Wunderkammer 4.0

| Holoforum |

| 03 SATELLIT |

- Interaktive Skulptur -

Wunderkammer 4.0

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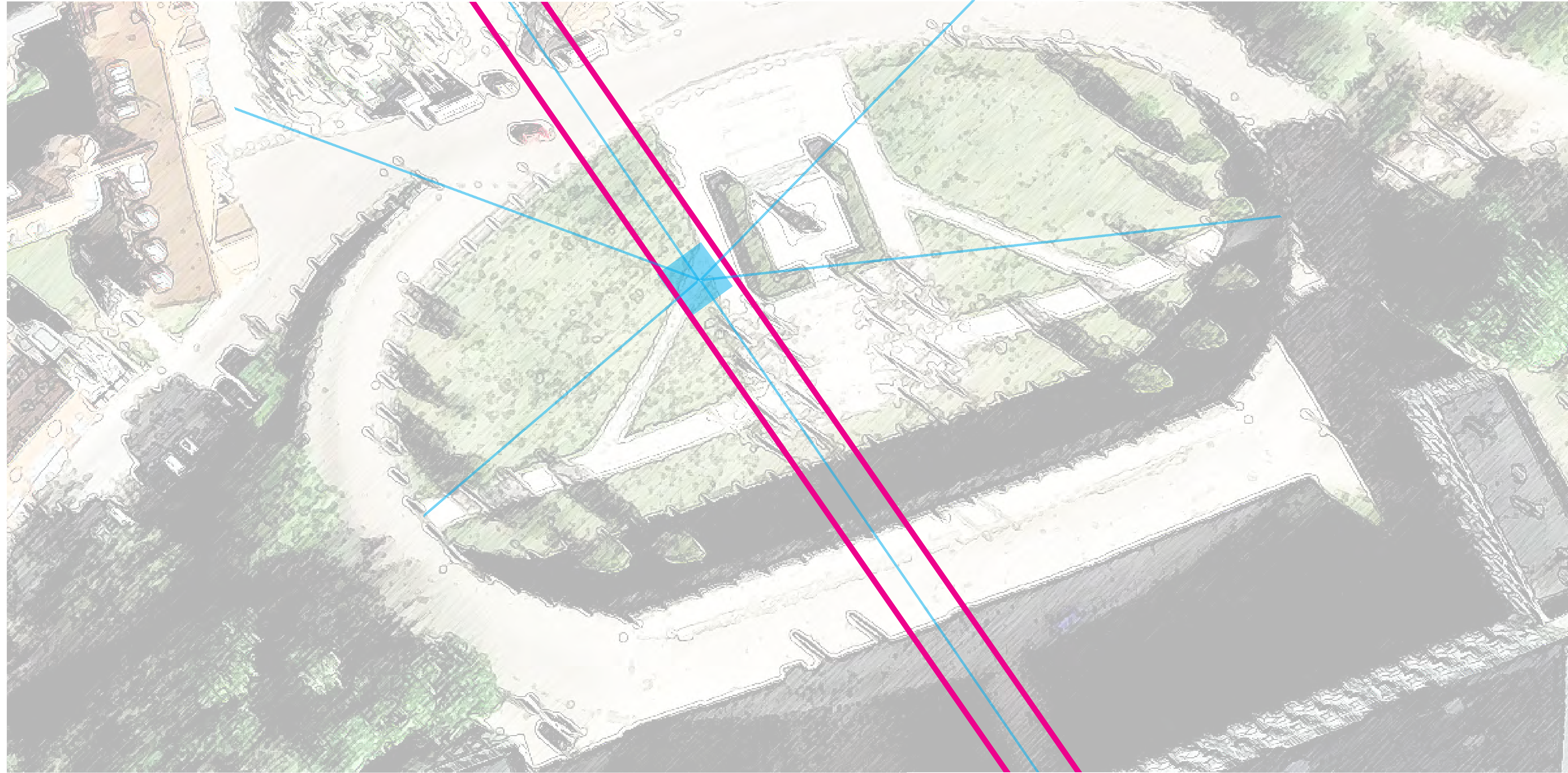
Professur Bauformenlehre | Prof. DI DD Bernd Rudolf | Dr. Luise Nerlich
Fakultät Architektur und Urbanistik

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Entwurfsverfasser: Patricia Berchtold, Sommersemester 2021



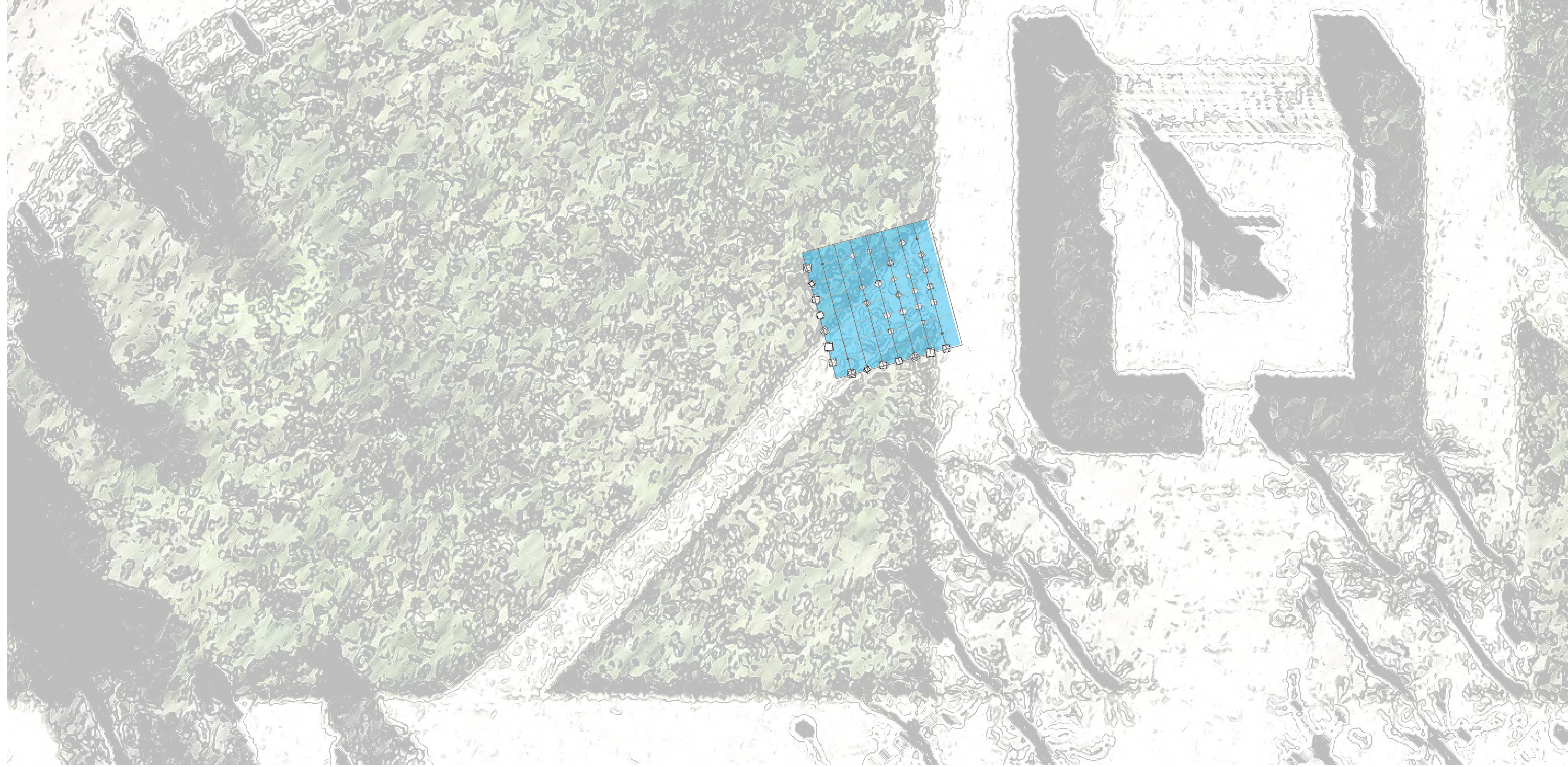
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M 250



Wunderkammer 4.0



M 100



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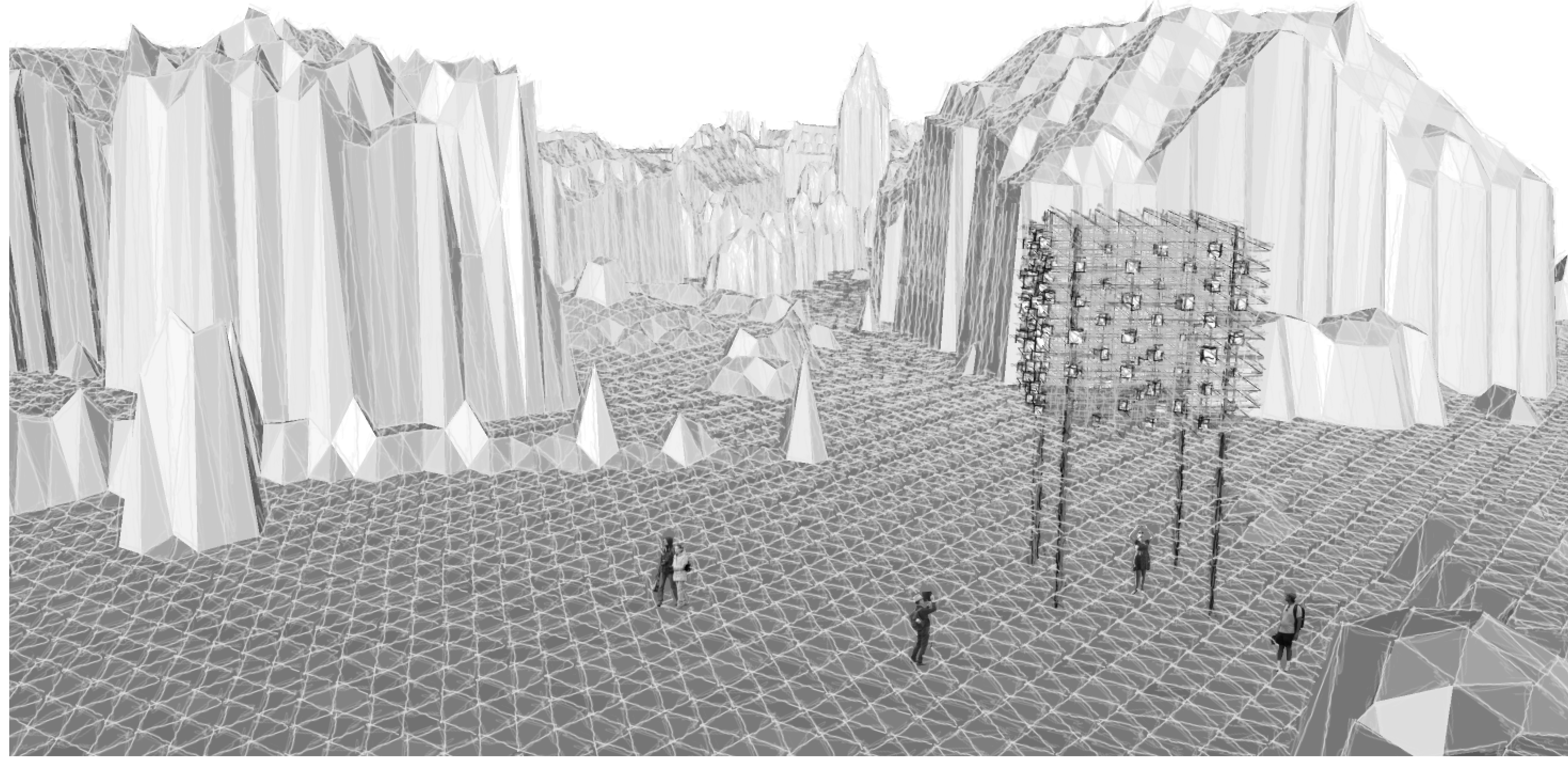
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Fakultät Architektur und Urbanistik

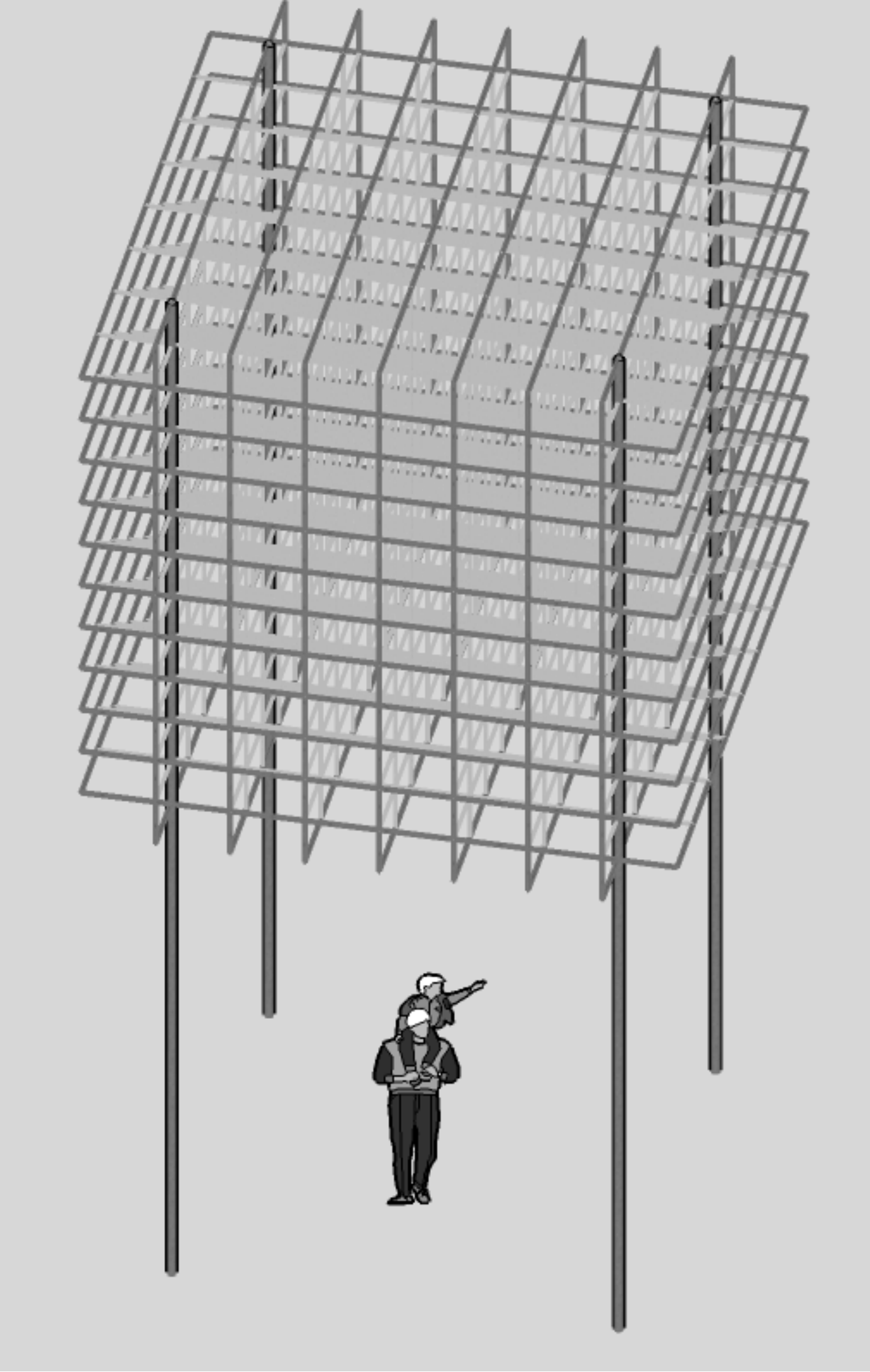
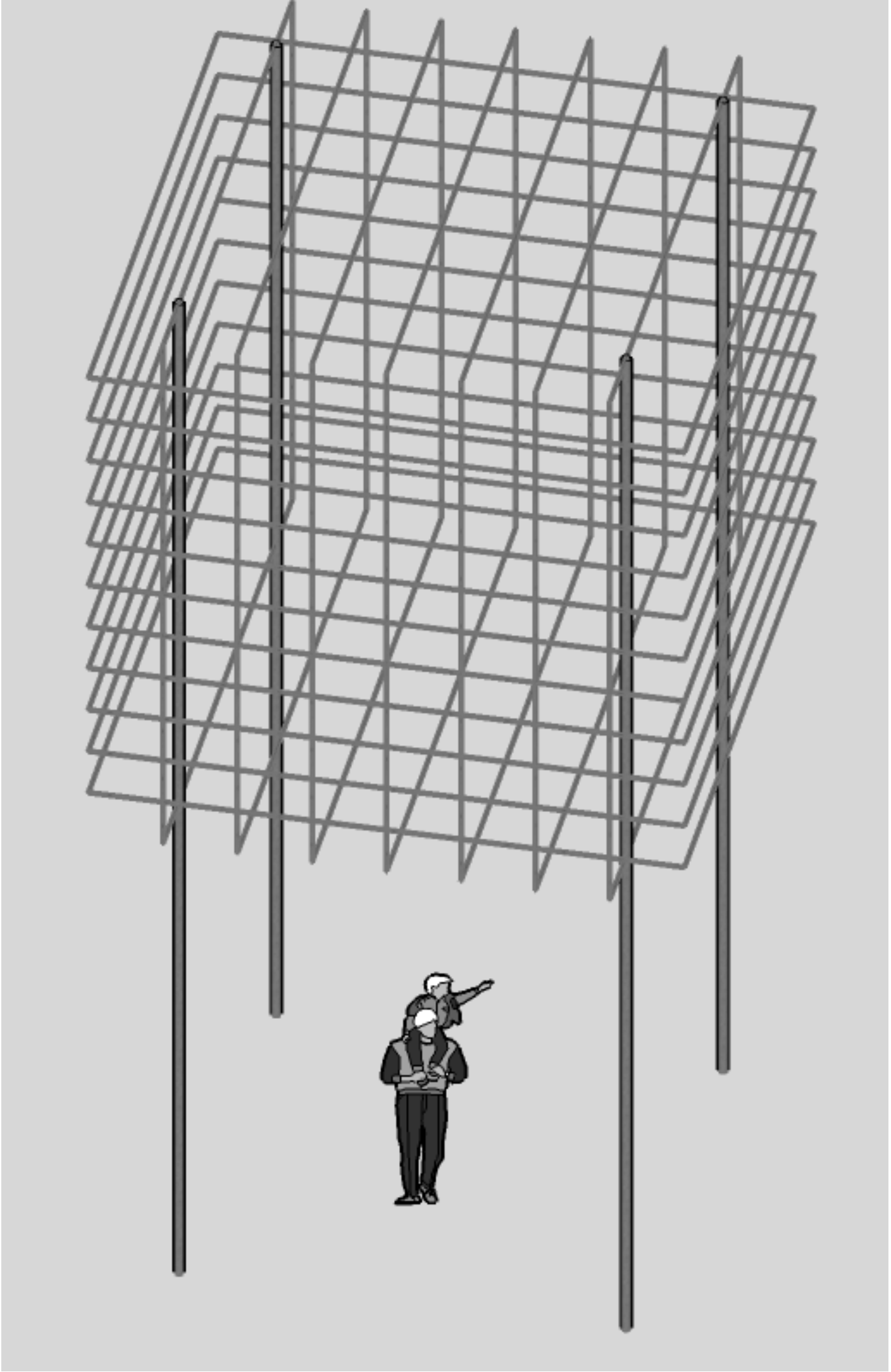
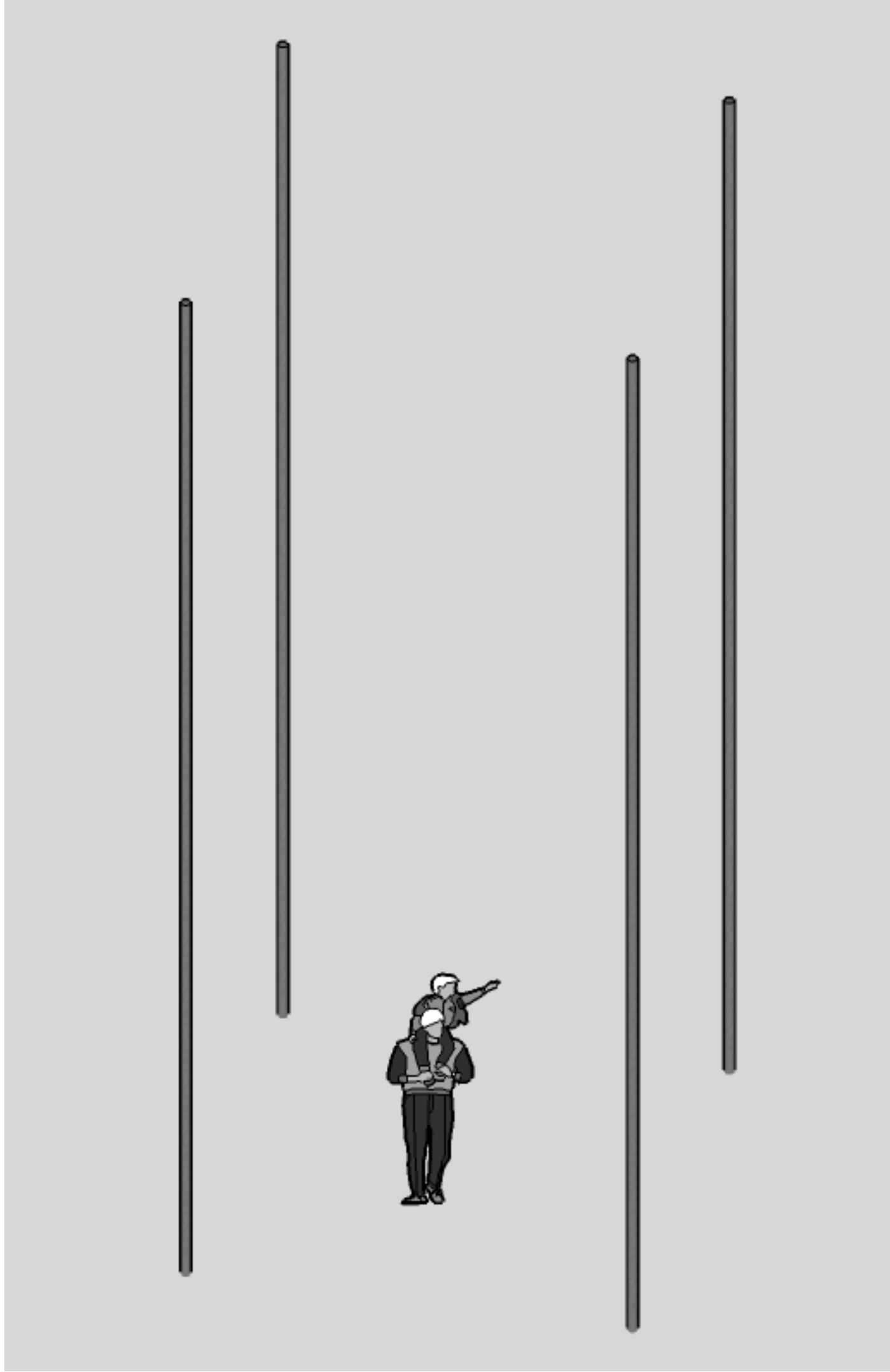
Gastkritik: Dr. Tobias Pfeifer-Helke, Direktor Stiftung Schloss Friedenstein Gotha

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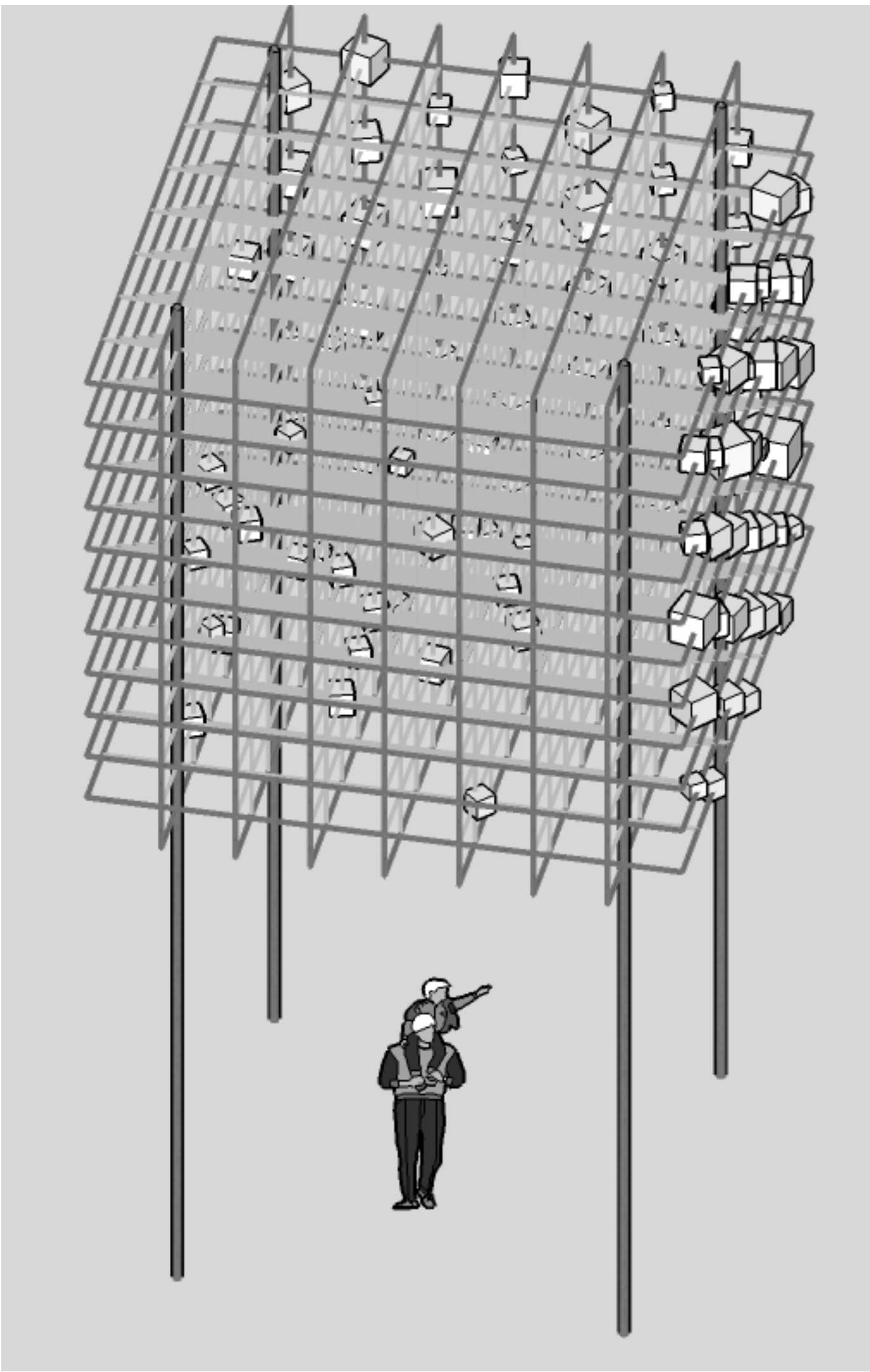
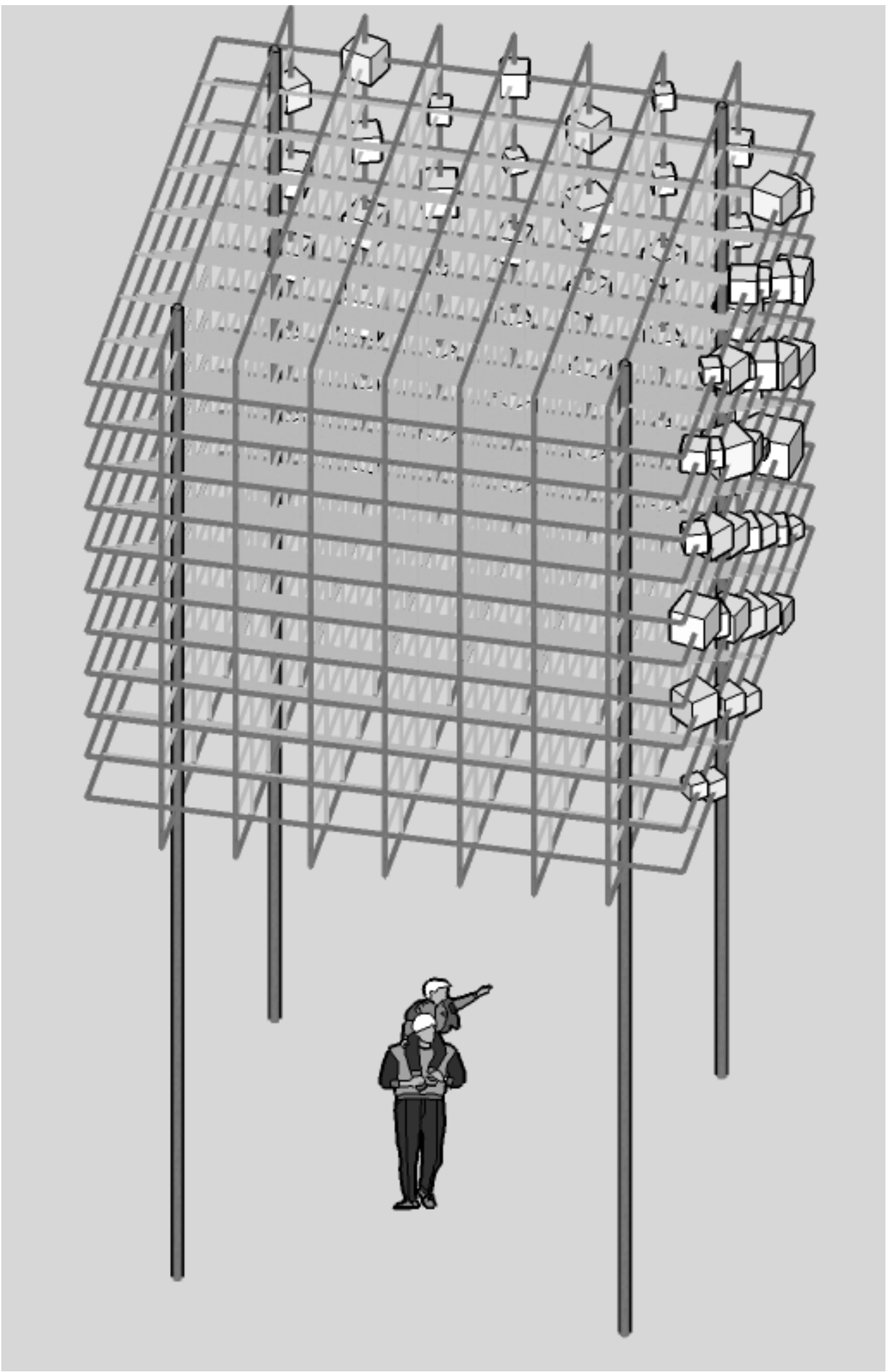
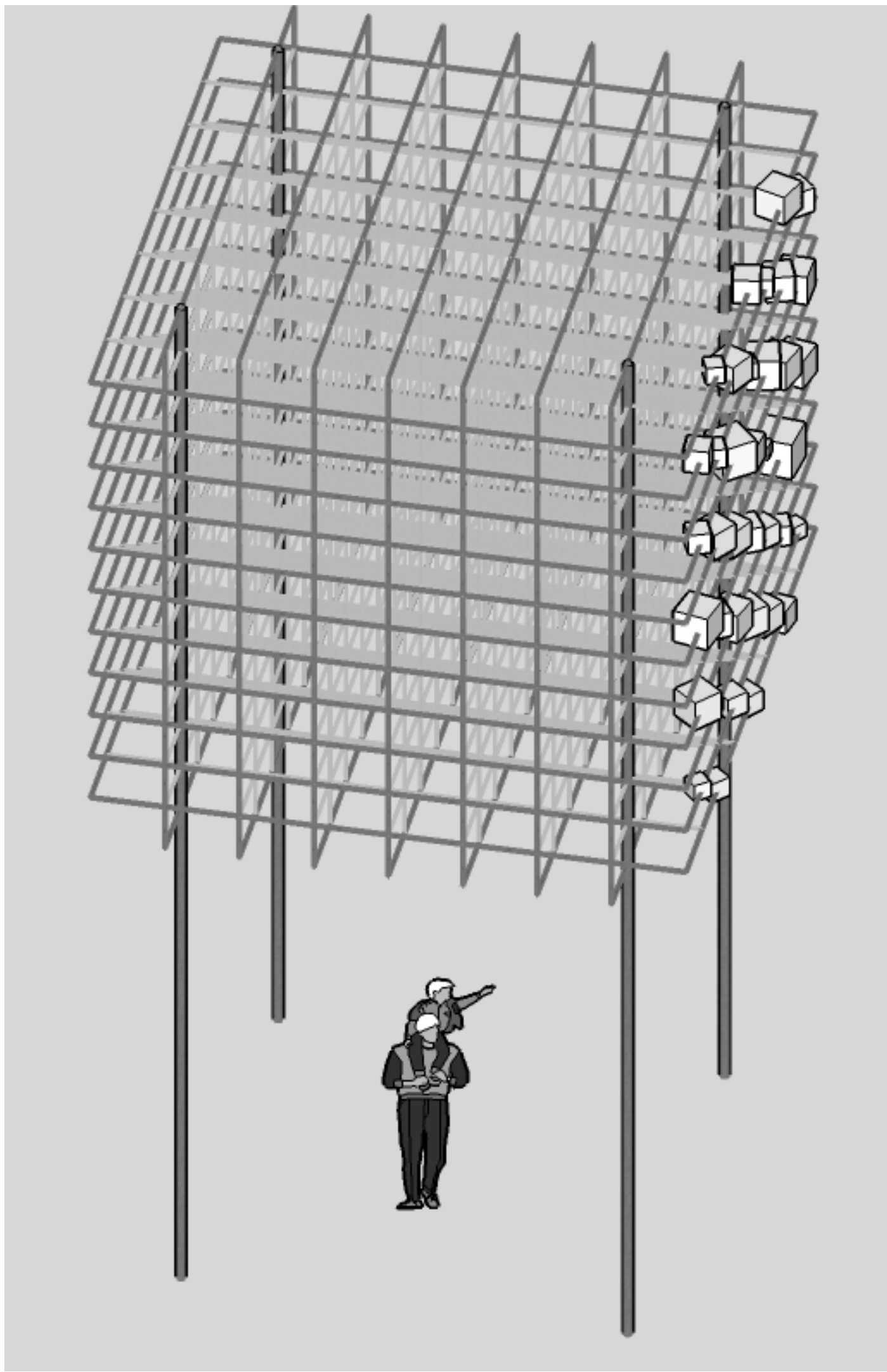
Entwurfsverfasser: Patricia Berchtold, Sommersemester 2021



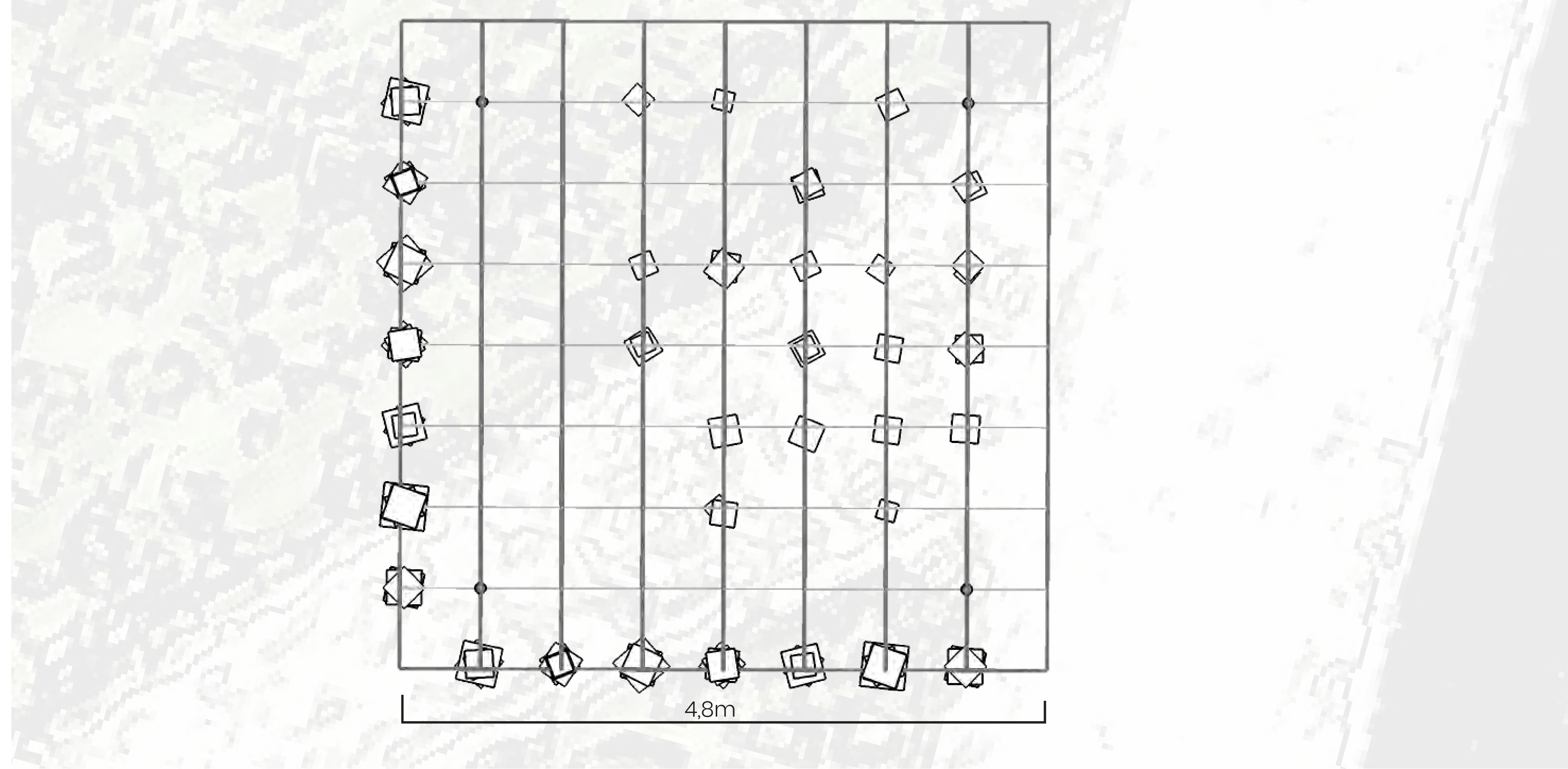
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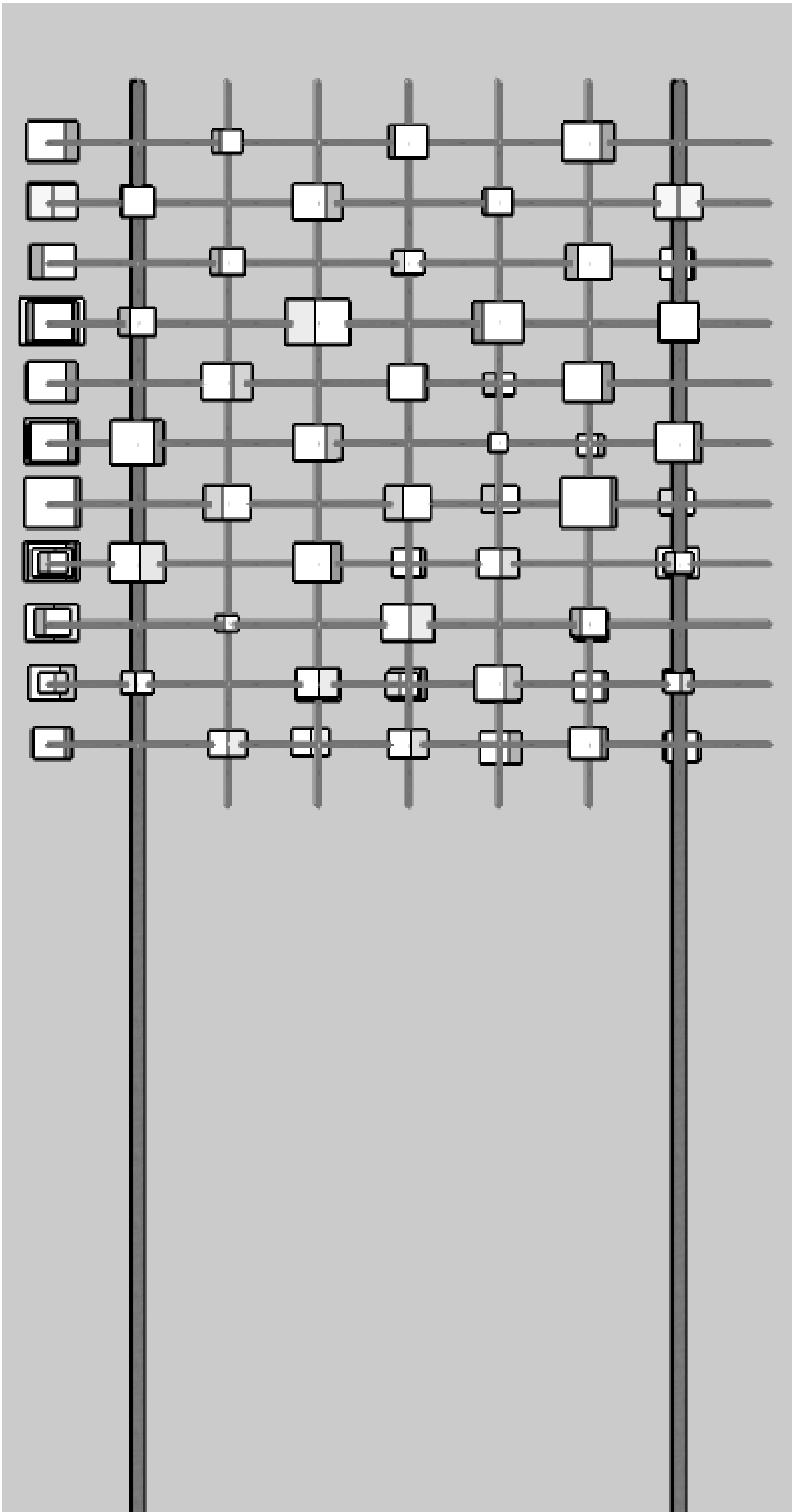


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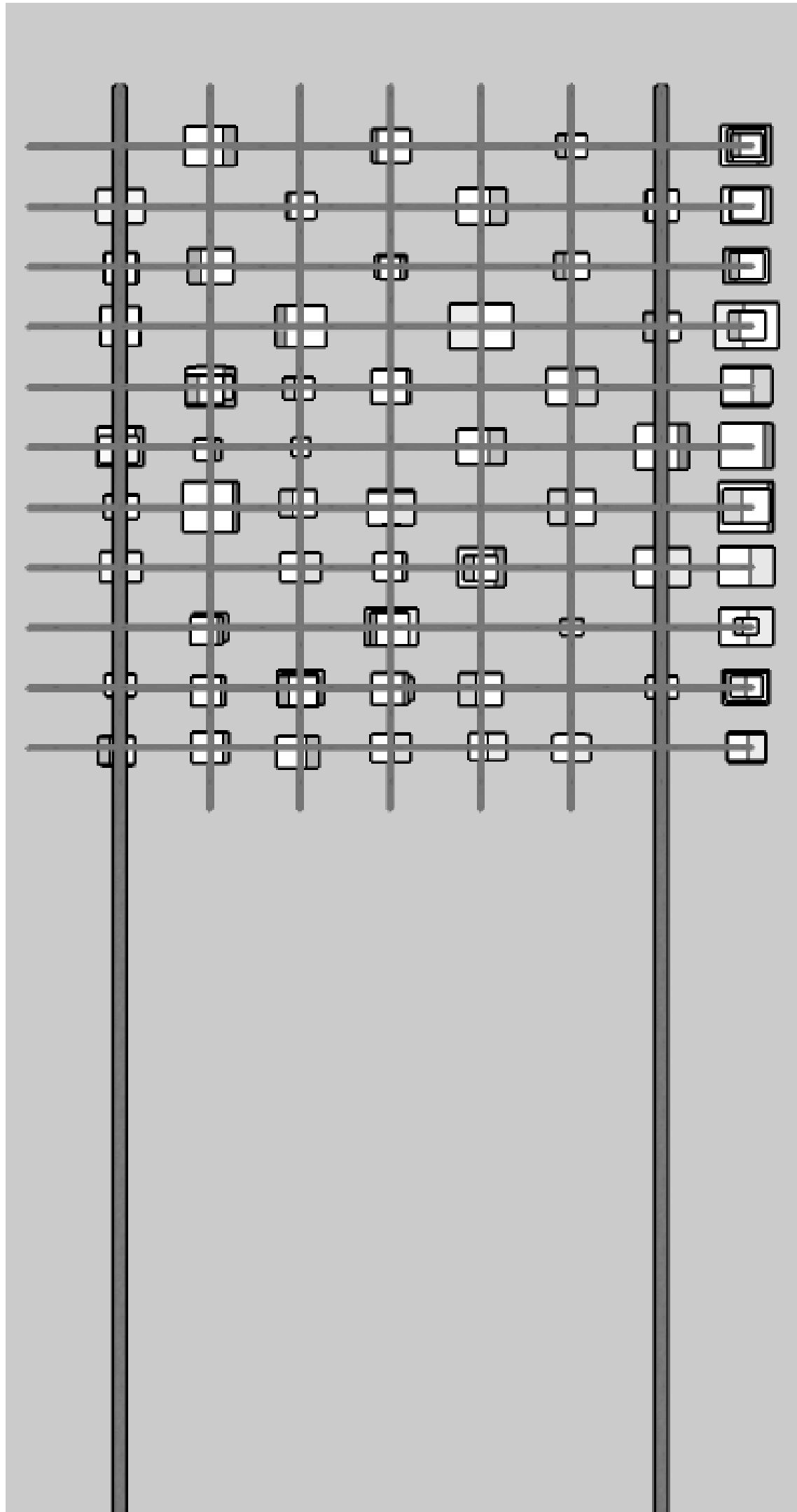


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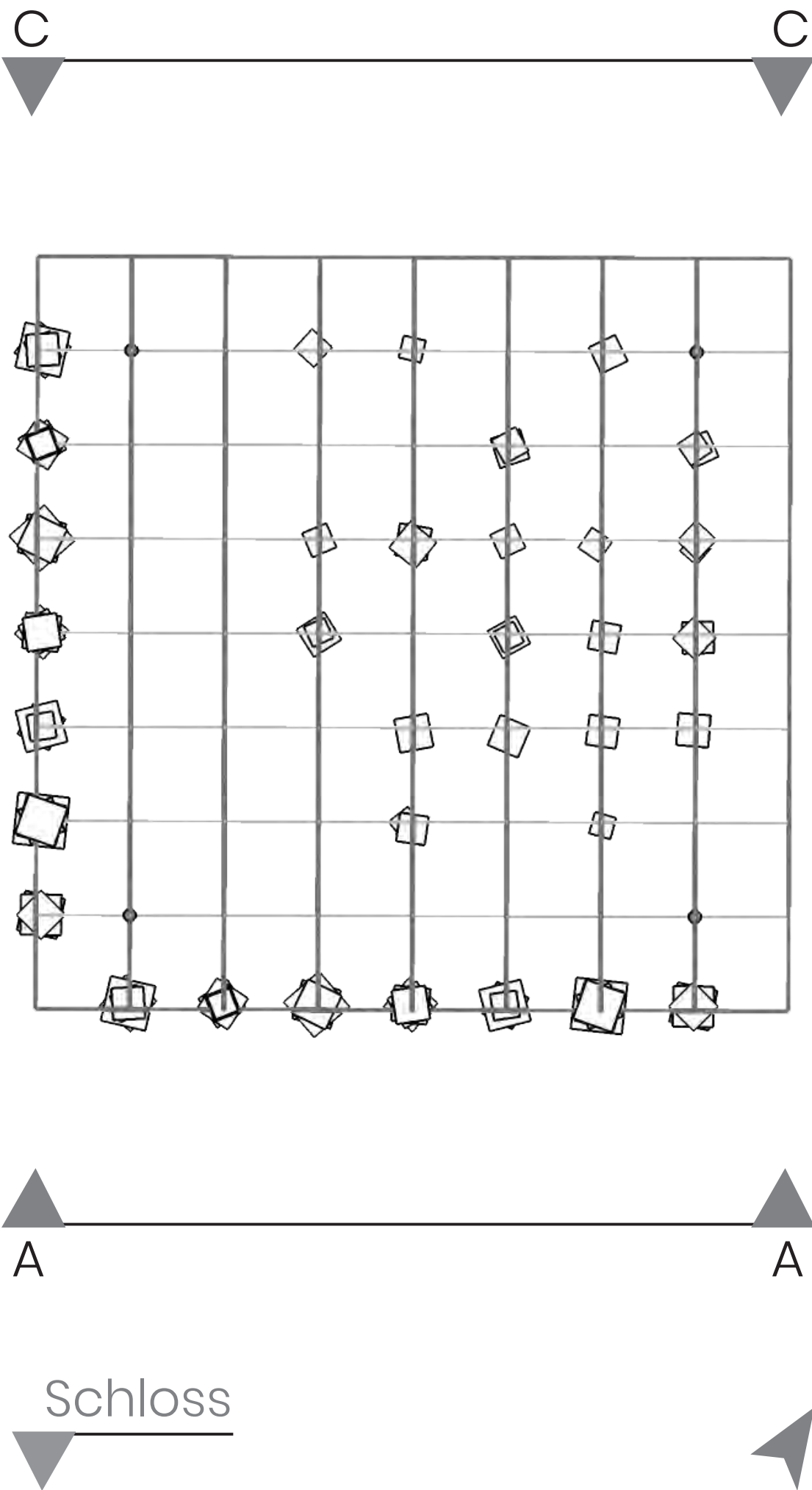




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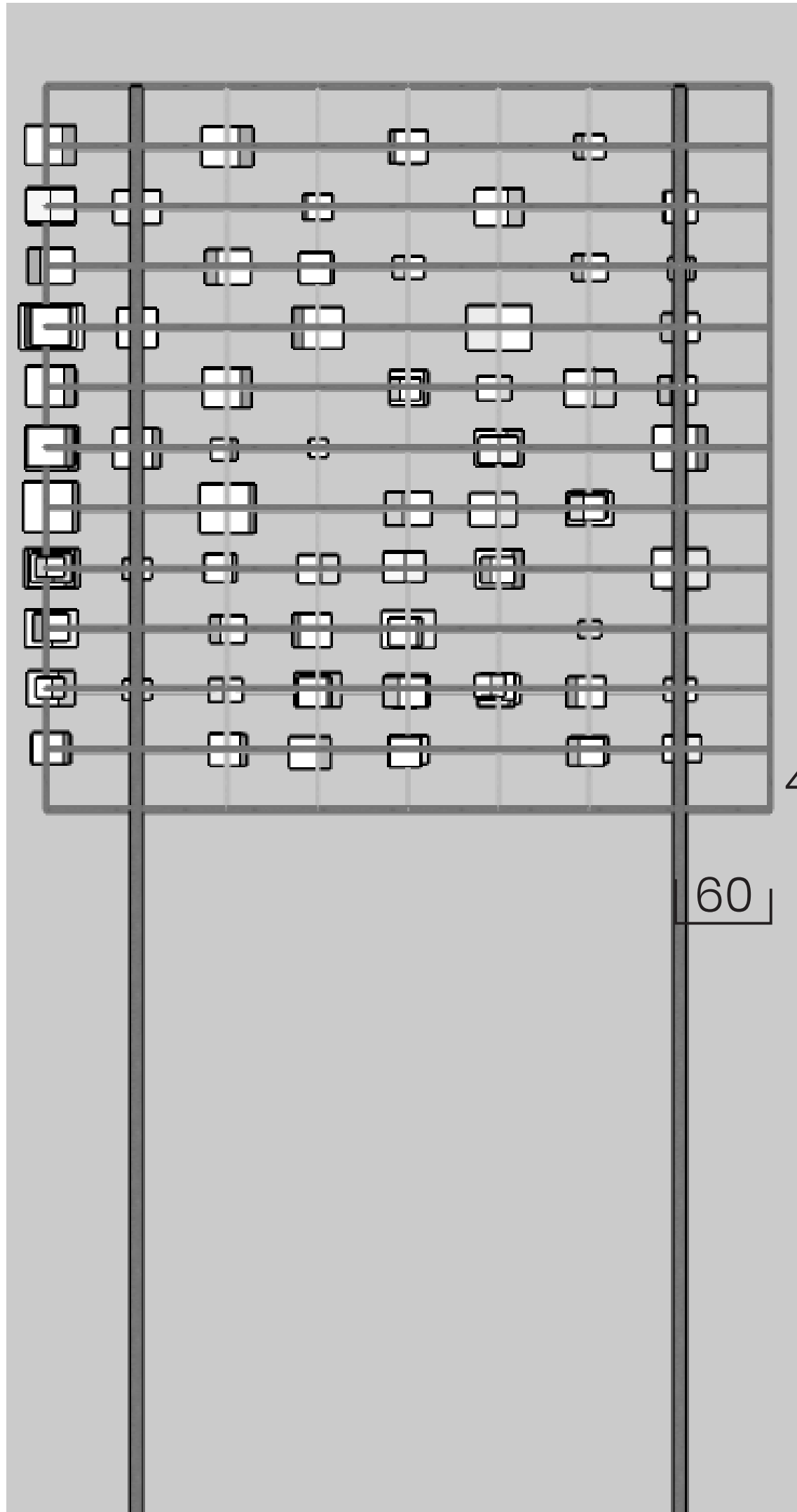


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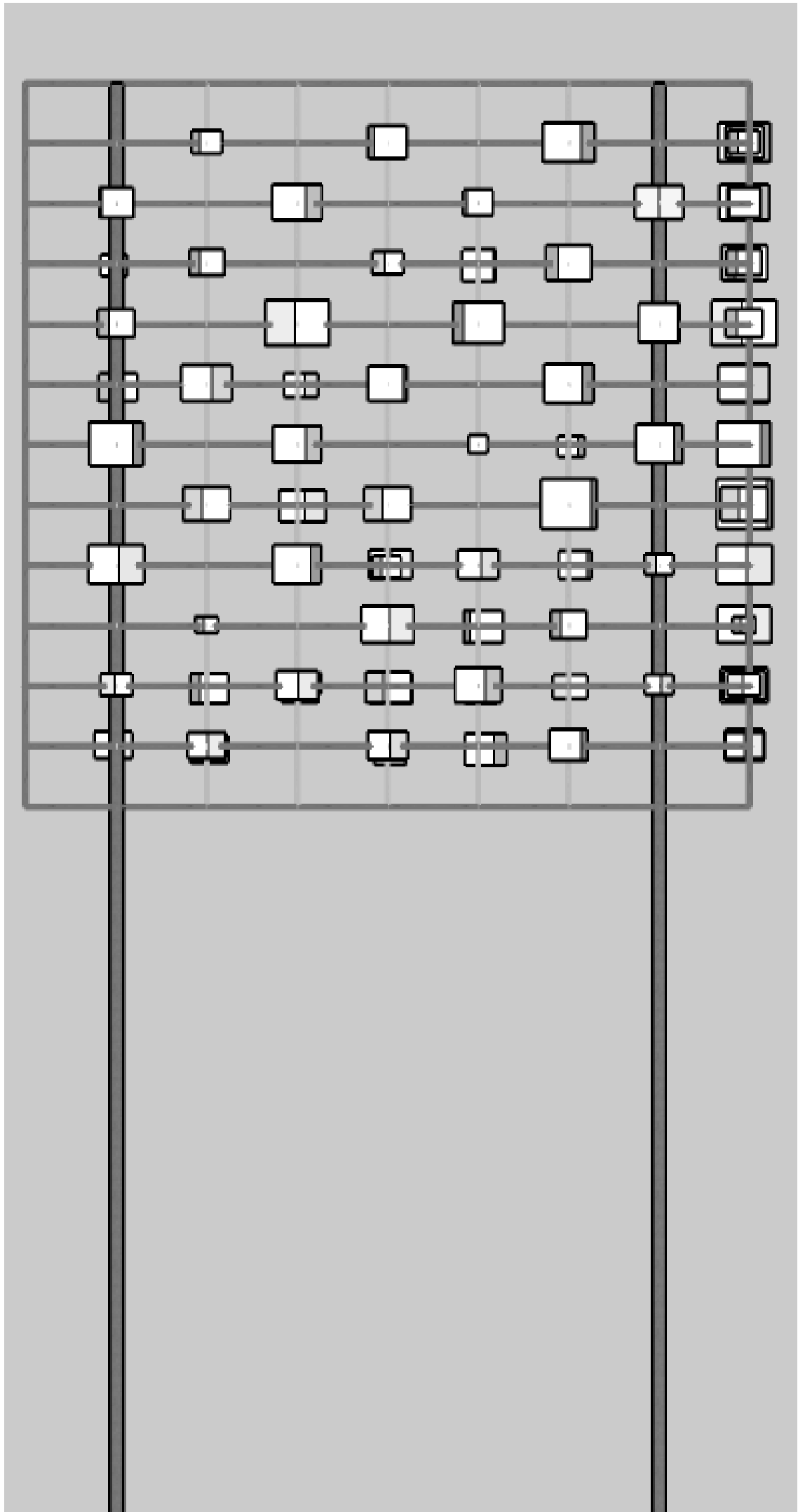
Fassade Schlosszu Satelit zeigend

Wunderkammer 4.0



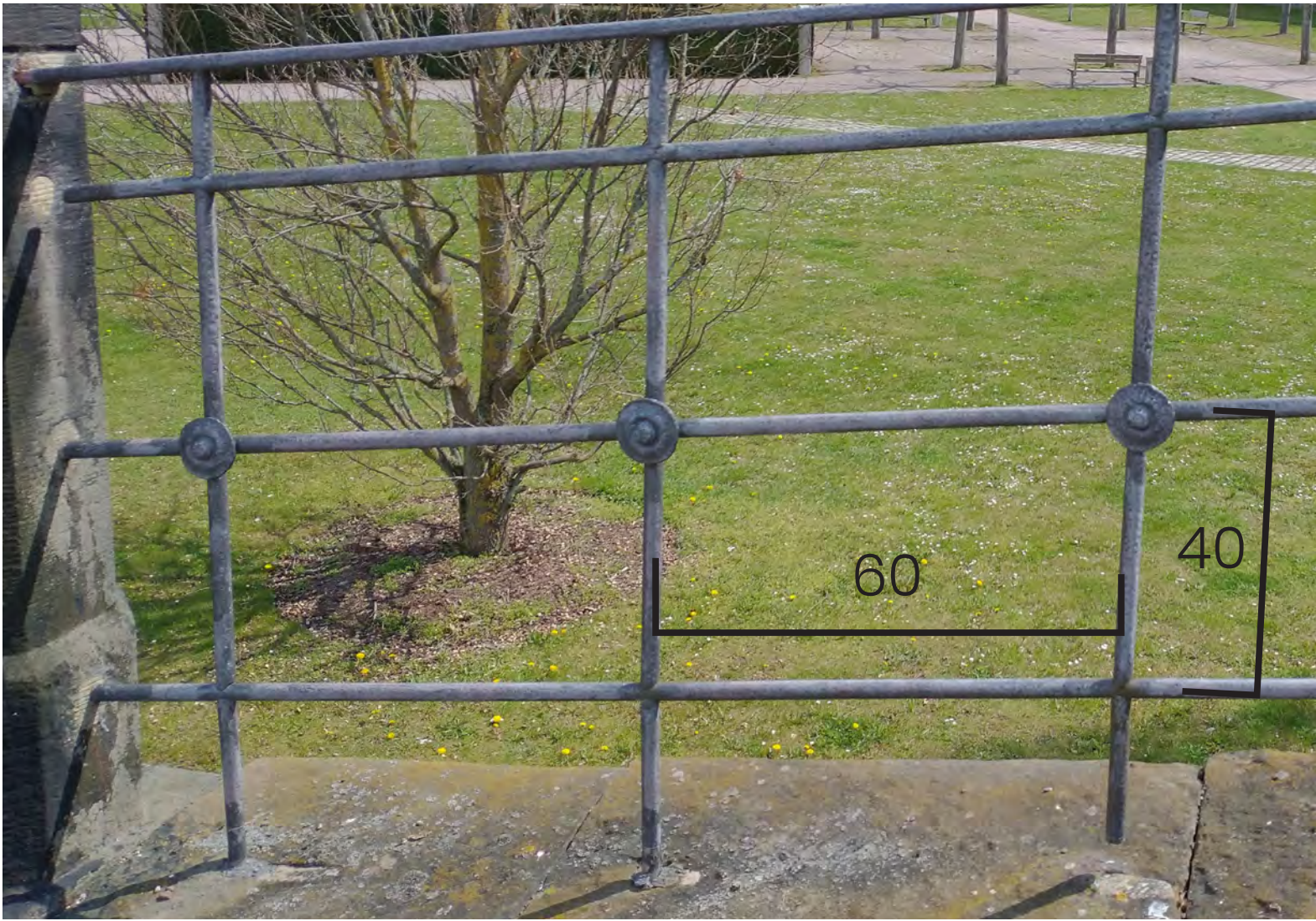
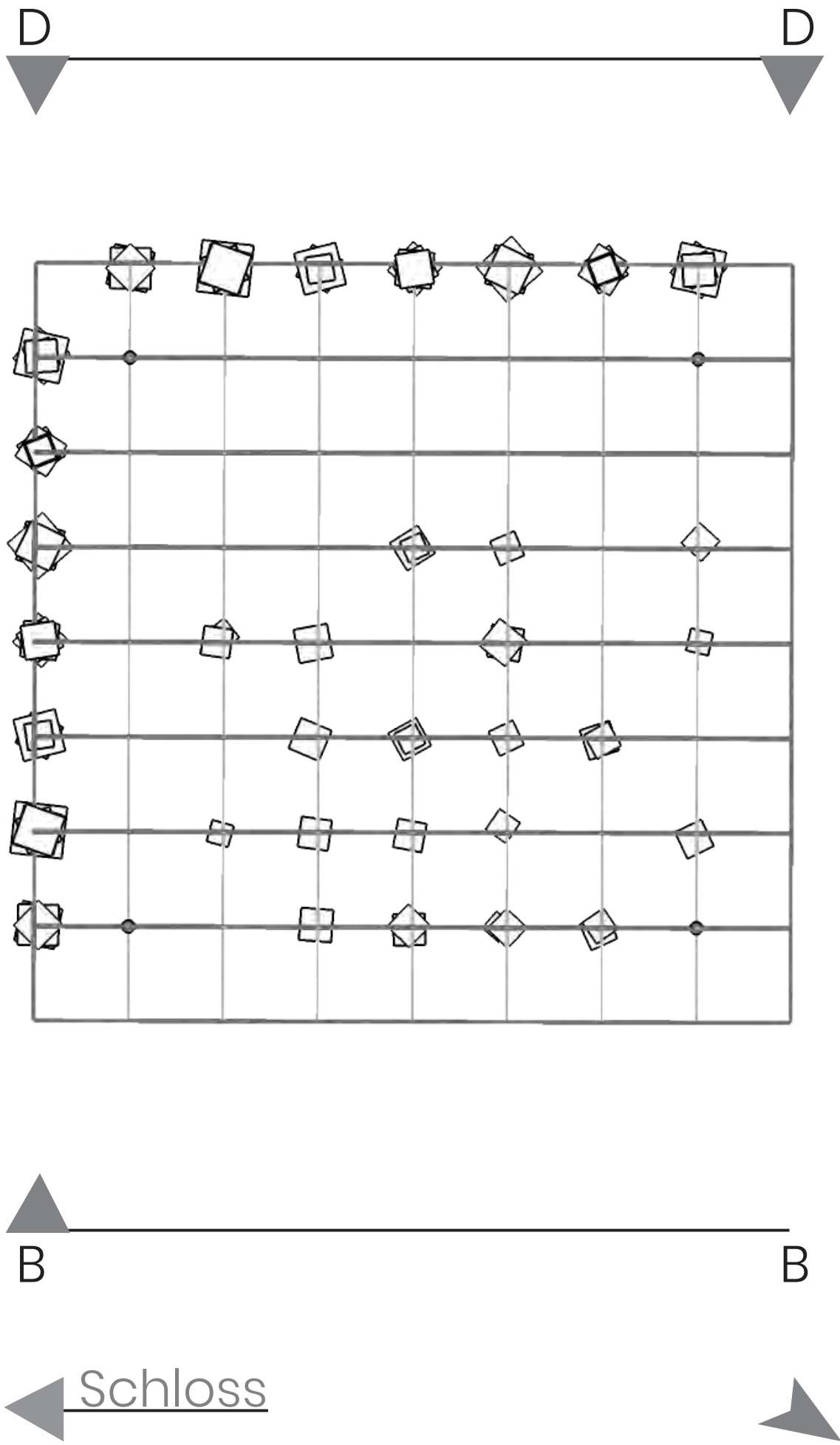
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B-B Ost



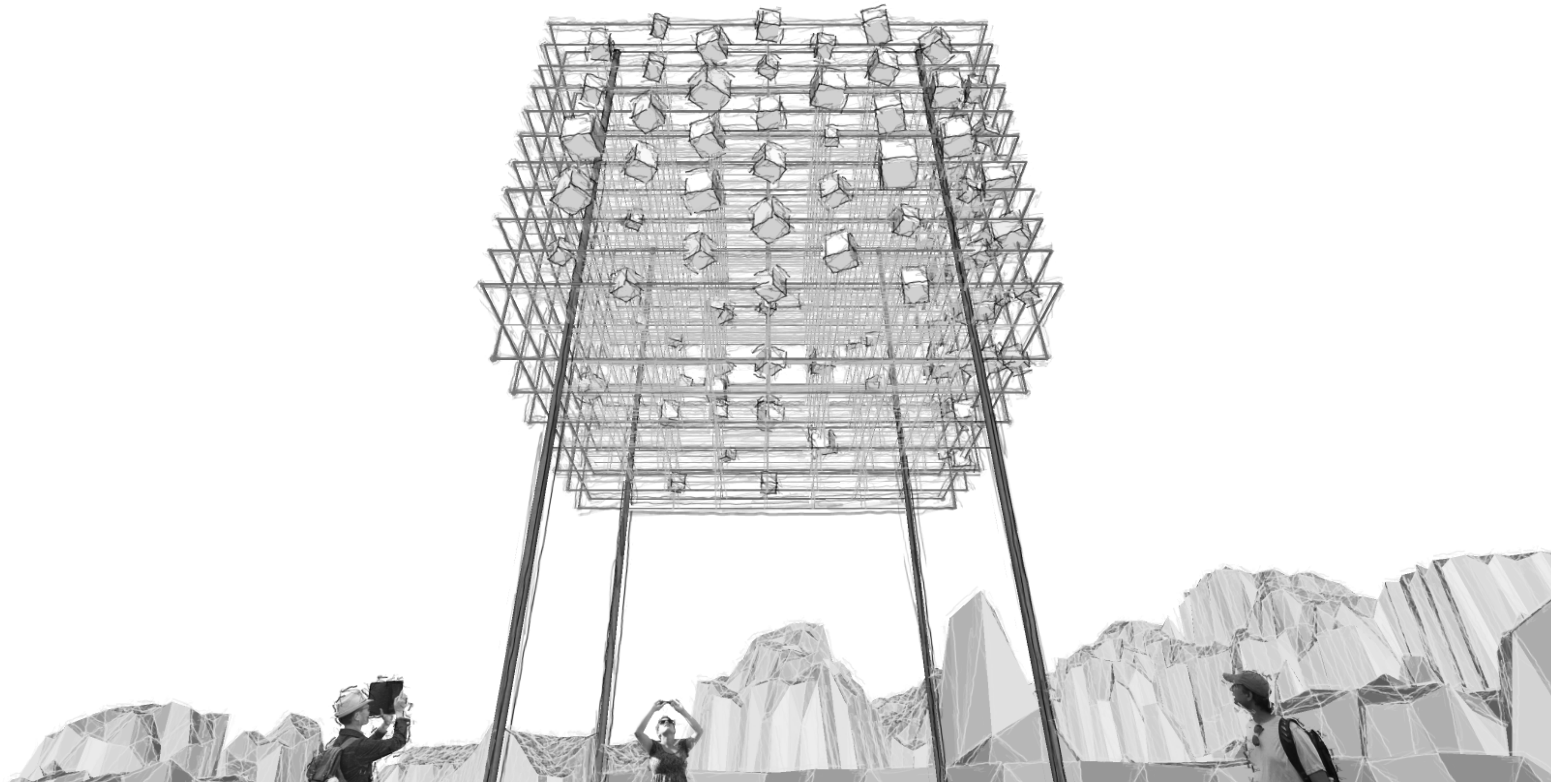
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D-D West



Geländer

Satelit umschließend



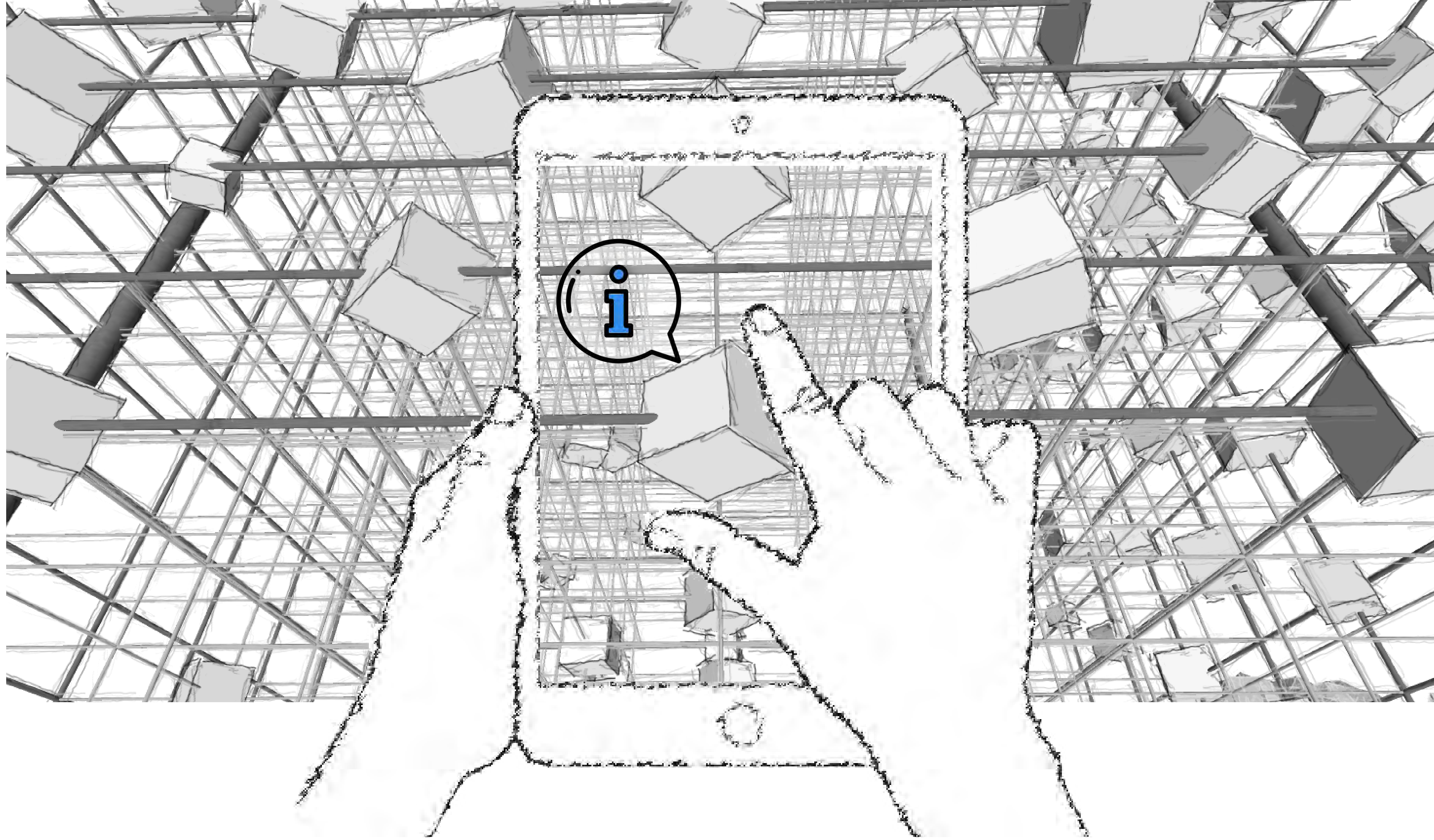
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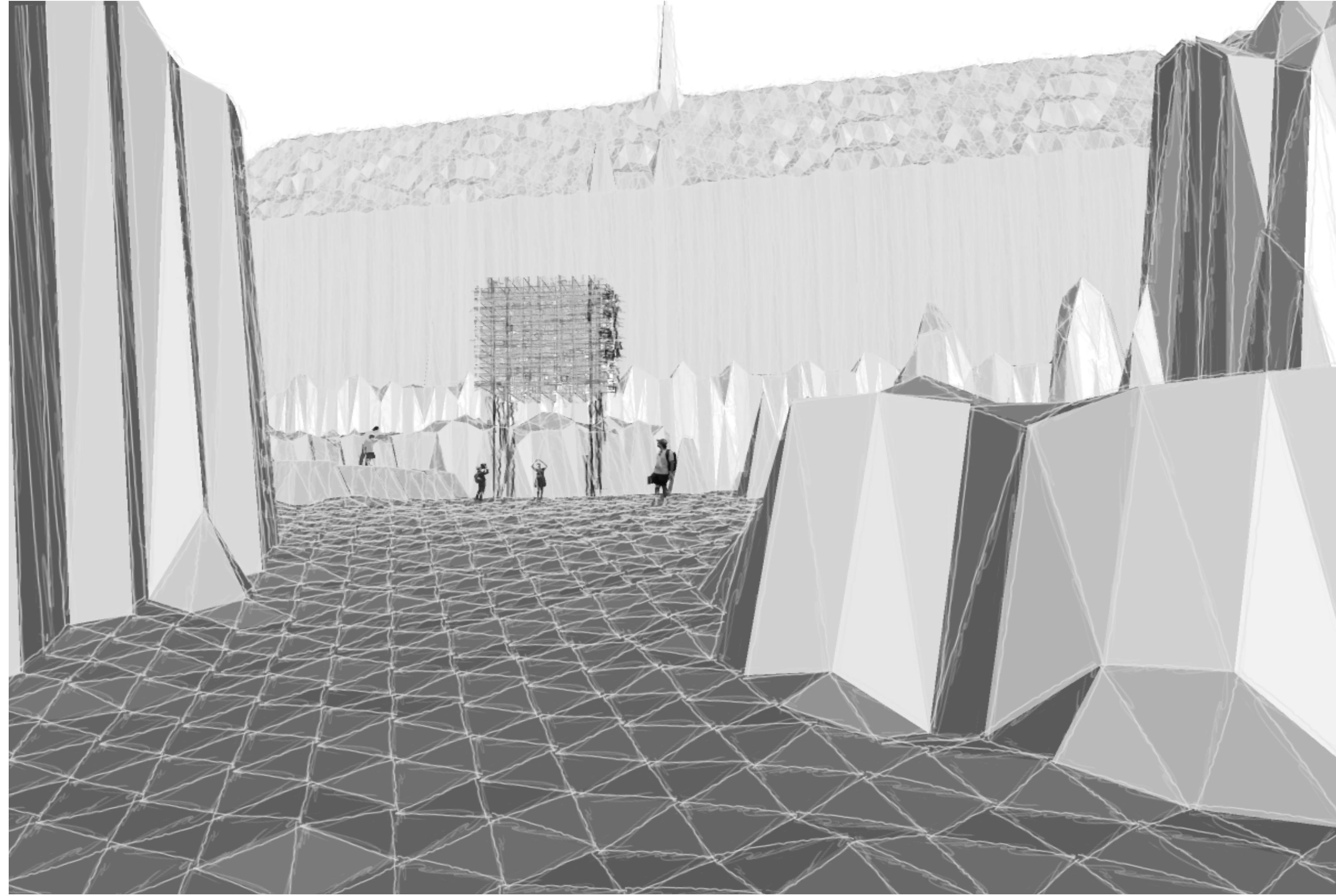
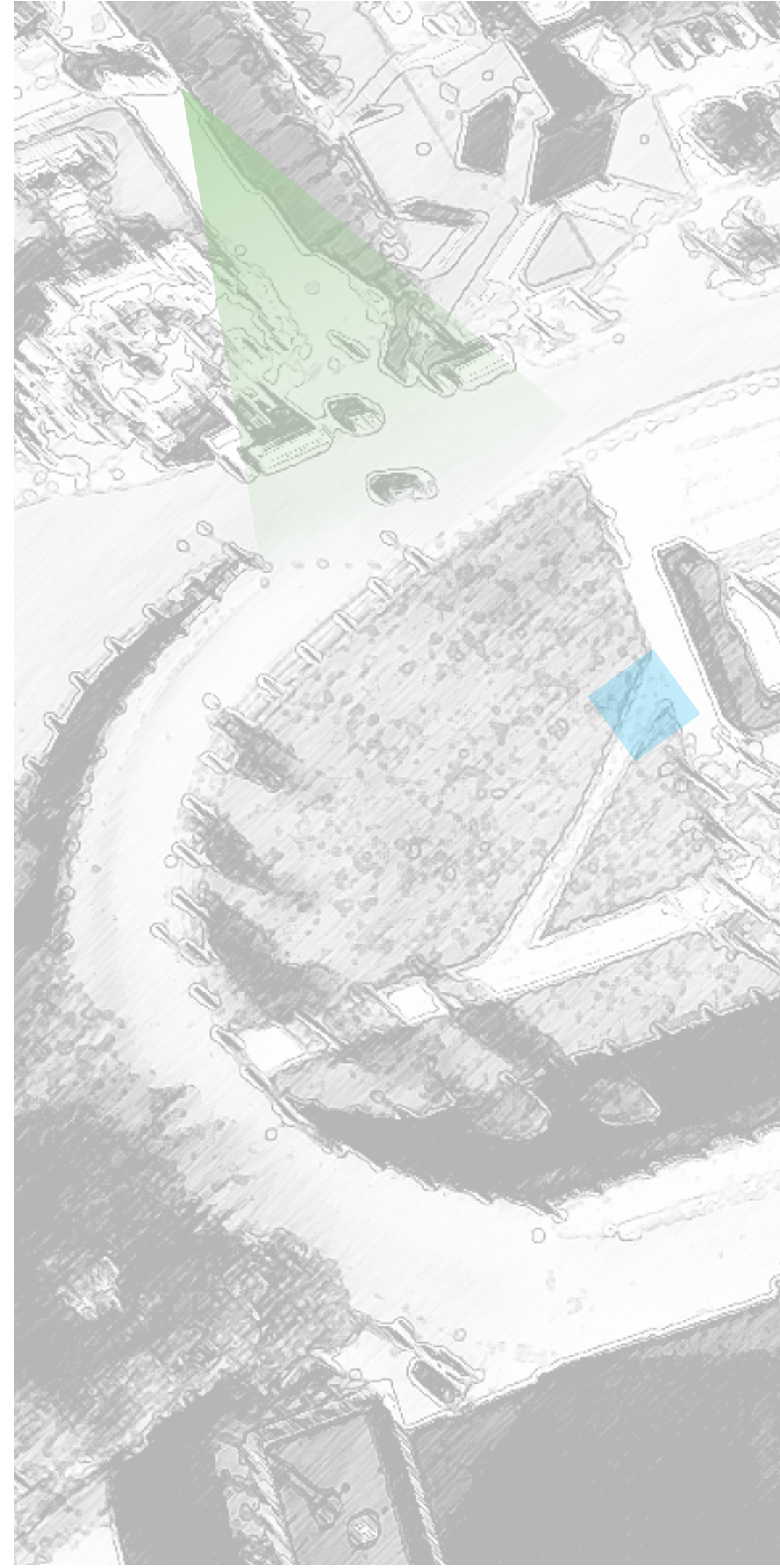
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Fakultät Architektur und Urbanistik

Gastkritik: Dr. Tobias Pfeifer-Helke, Direktor Stiftung Schloss Friedenstein Gotha
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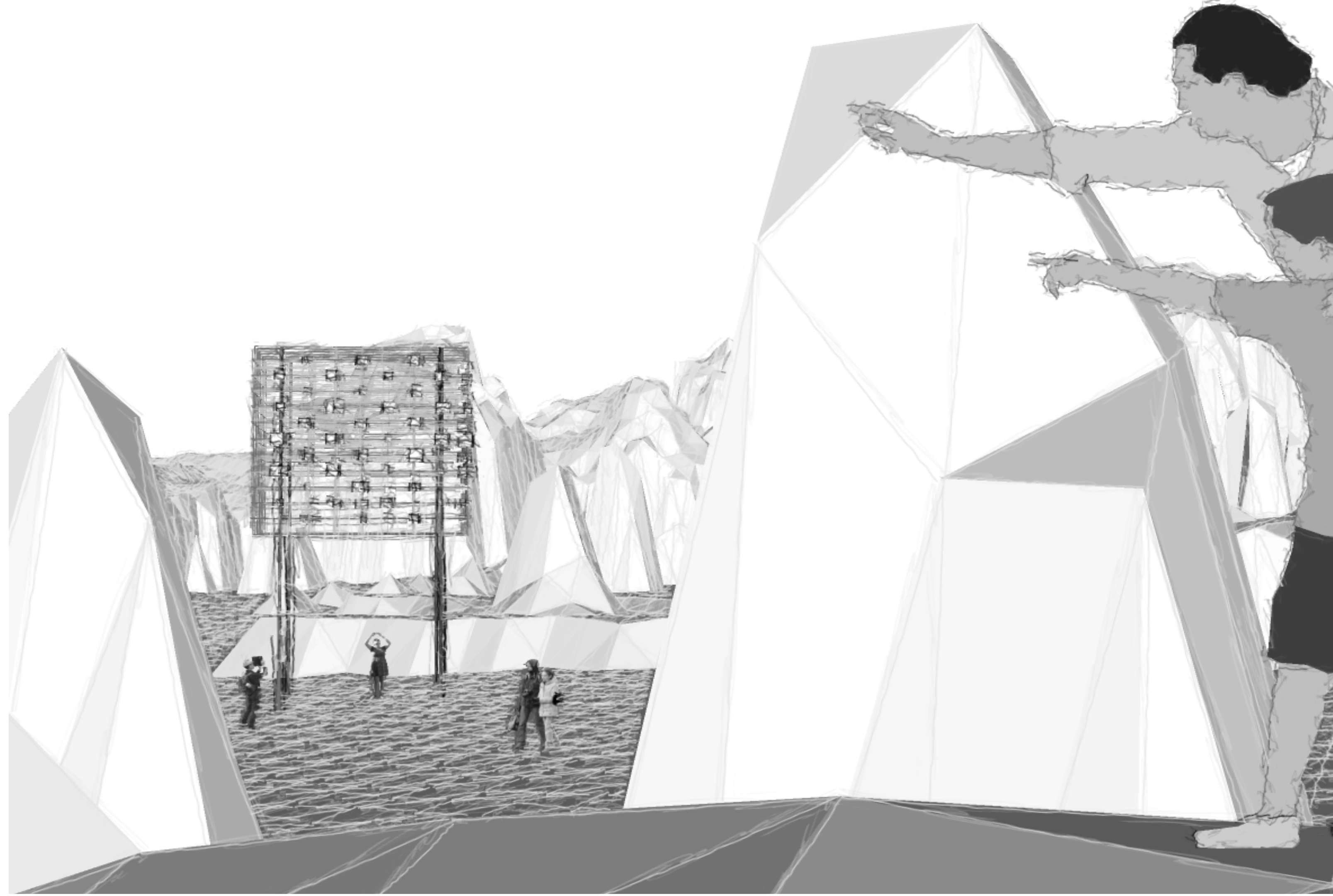
Entwurfsverfasser: Patricia Berchtold, Sommersemester 2021



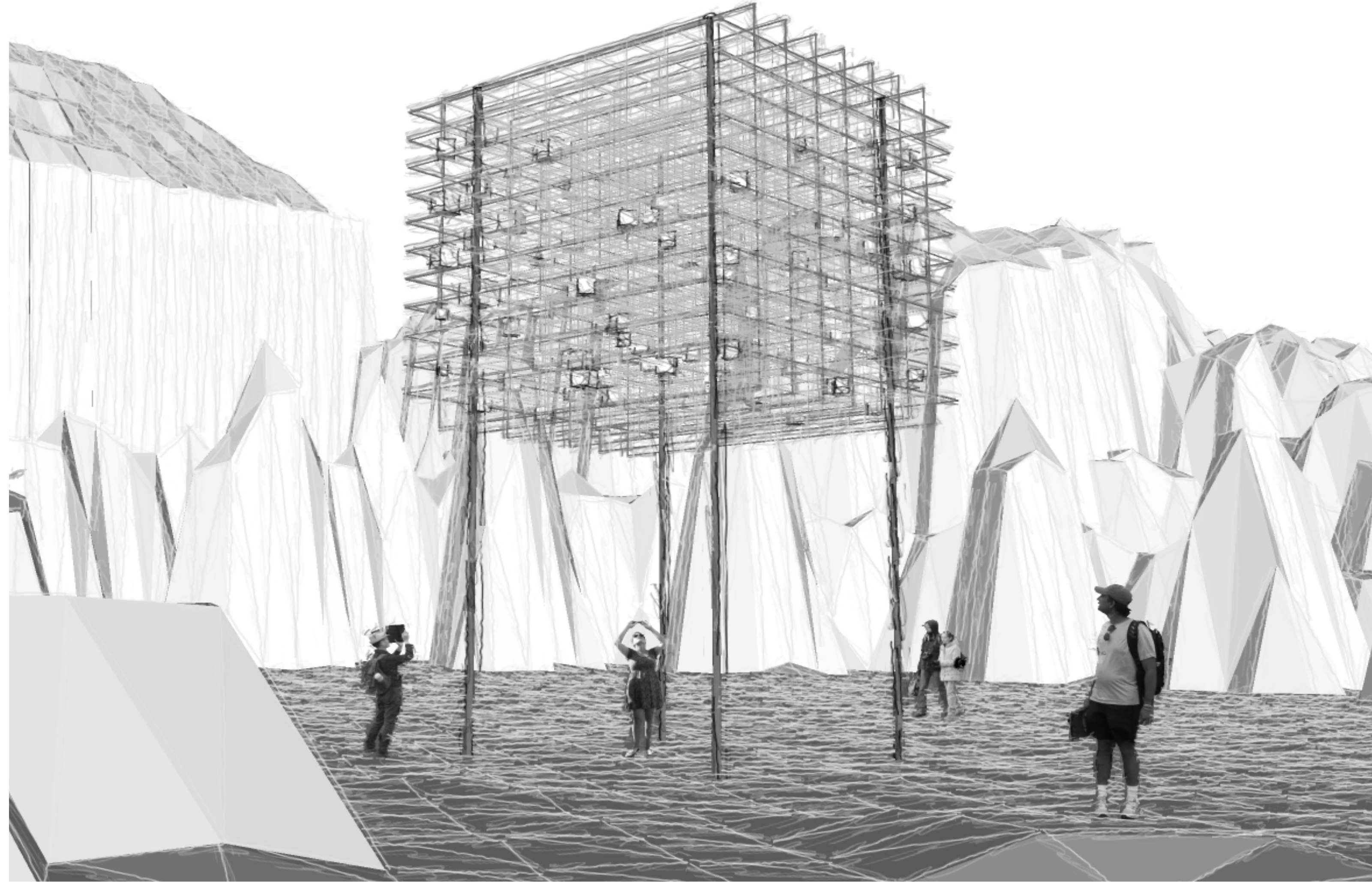
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Wunderkammer 4.0



Wunderkammer 4.0



Wunderkammer 4.0



| Holoforum |

| 04 RAUMSTATION |

- Schaudepot der Zukunft -

Wunderkammer 4.0

Bauhaus-Universität Weimar

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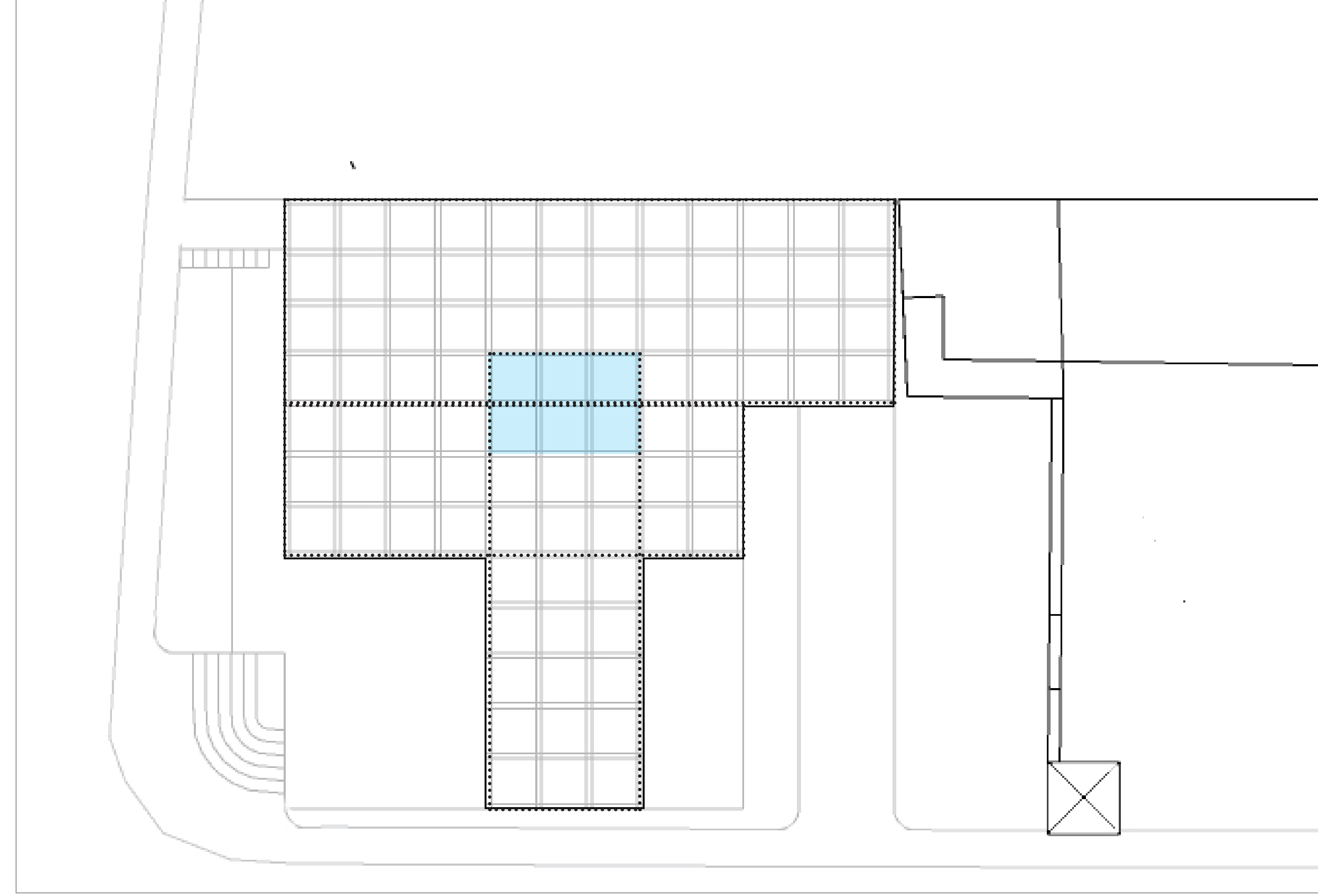
Entwurfsverfasser: Patricia Berchtold, Sommersemester 2021



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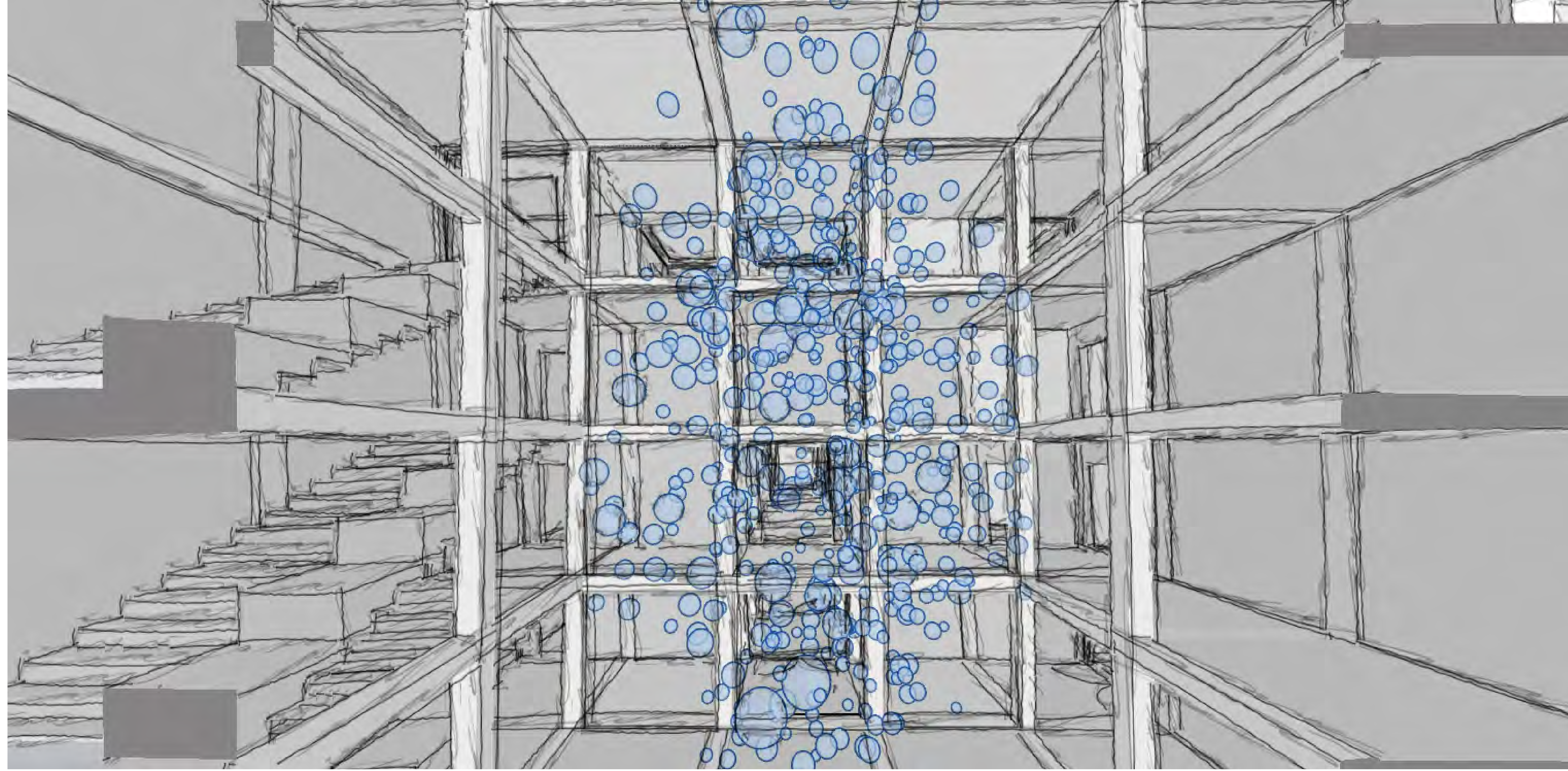
Wunderkammer 4.0



| RAUMSTATION | Umgebung |

| Raster

Wunderkammer 4.0

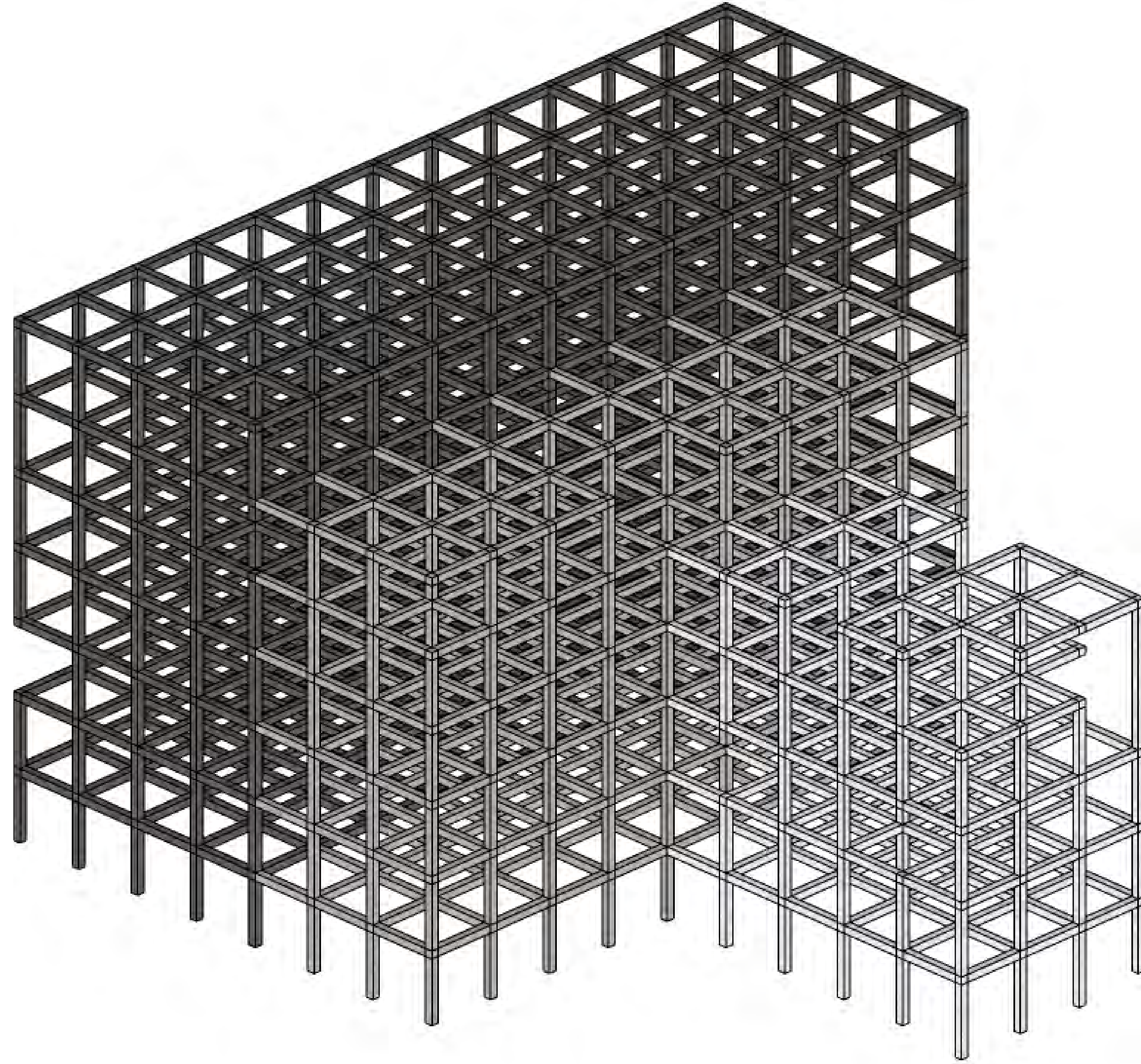


Wunderkammer 4.0



| RAUMSTATION | Materialität |

| Stützen - Farbe



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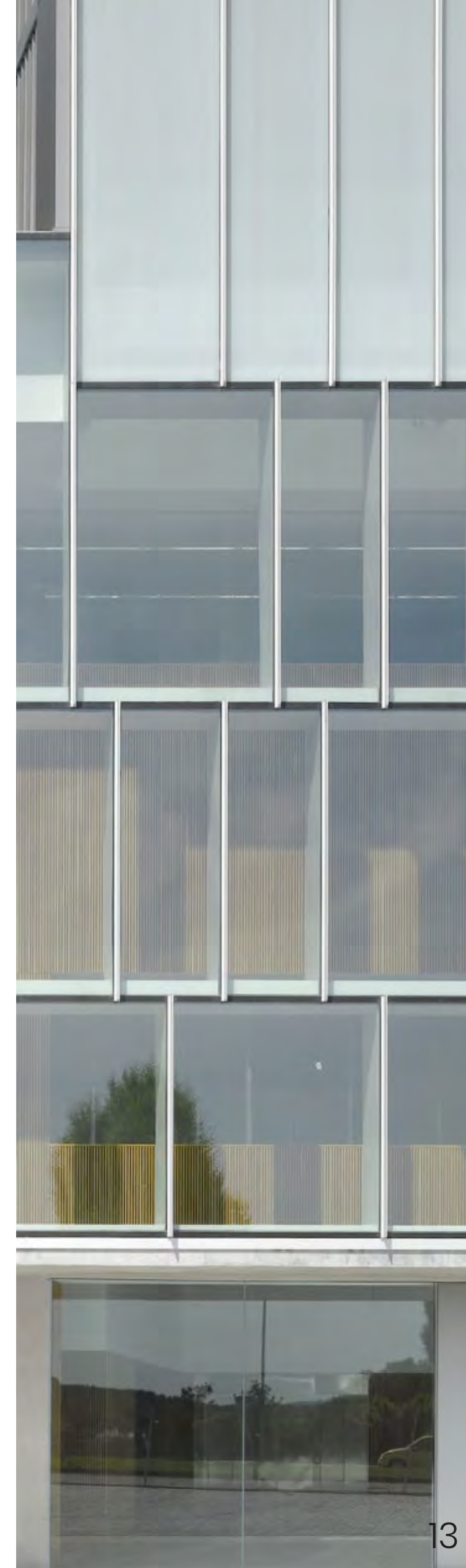
Bauhaus-Universität Weimar

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Entwurfsverfasser: Patricia Berchtold, Sommersemester 2021



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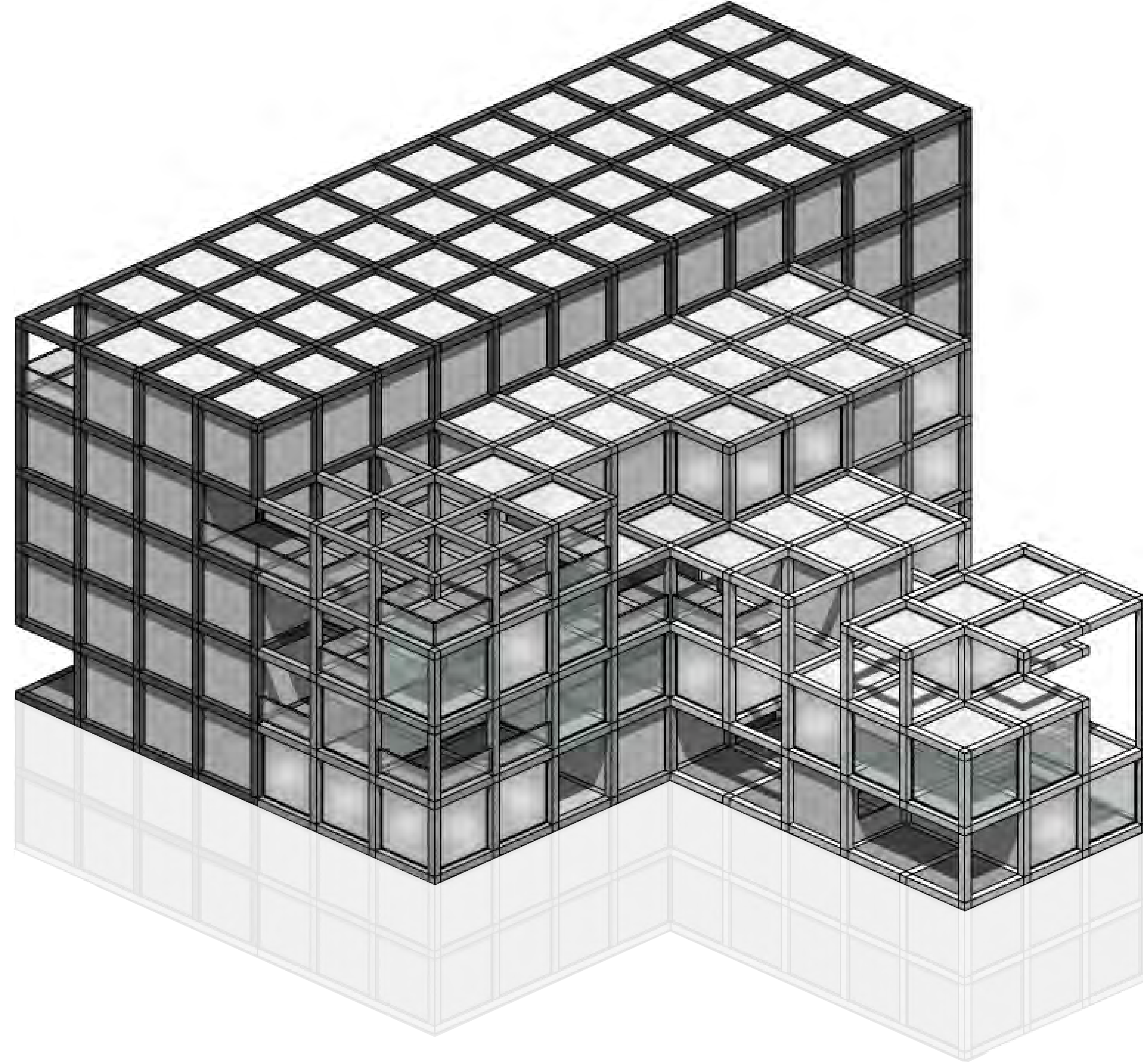


16

Wunderkammer 4.0

| RAUMSTATION | Materialität |

| Fassadenpaneele



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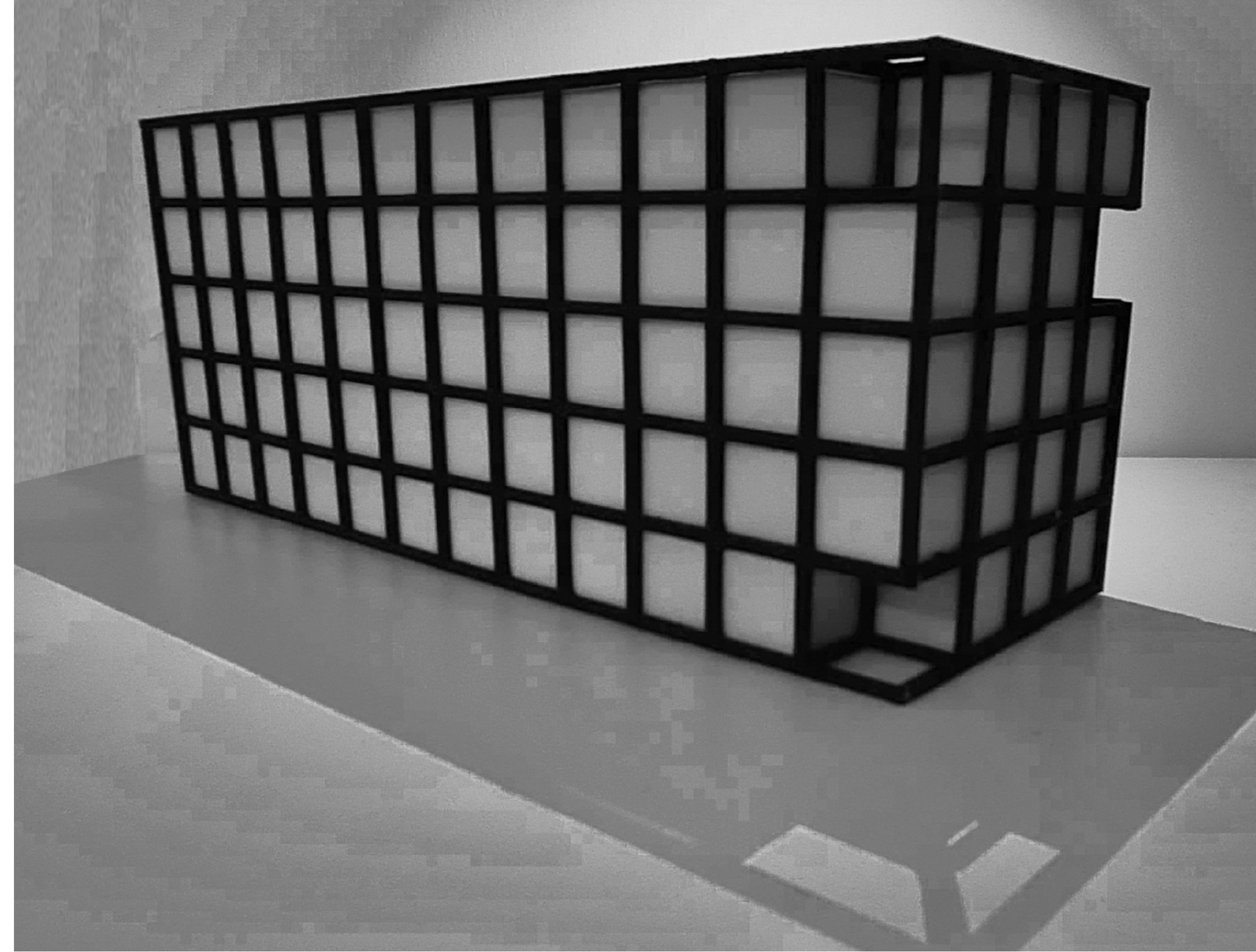
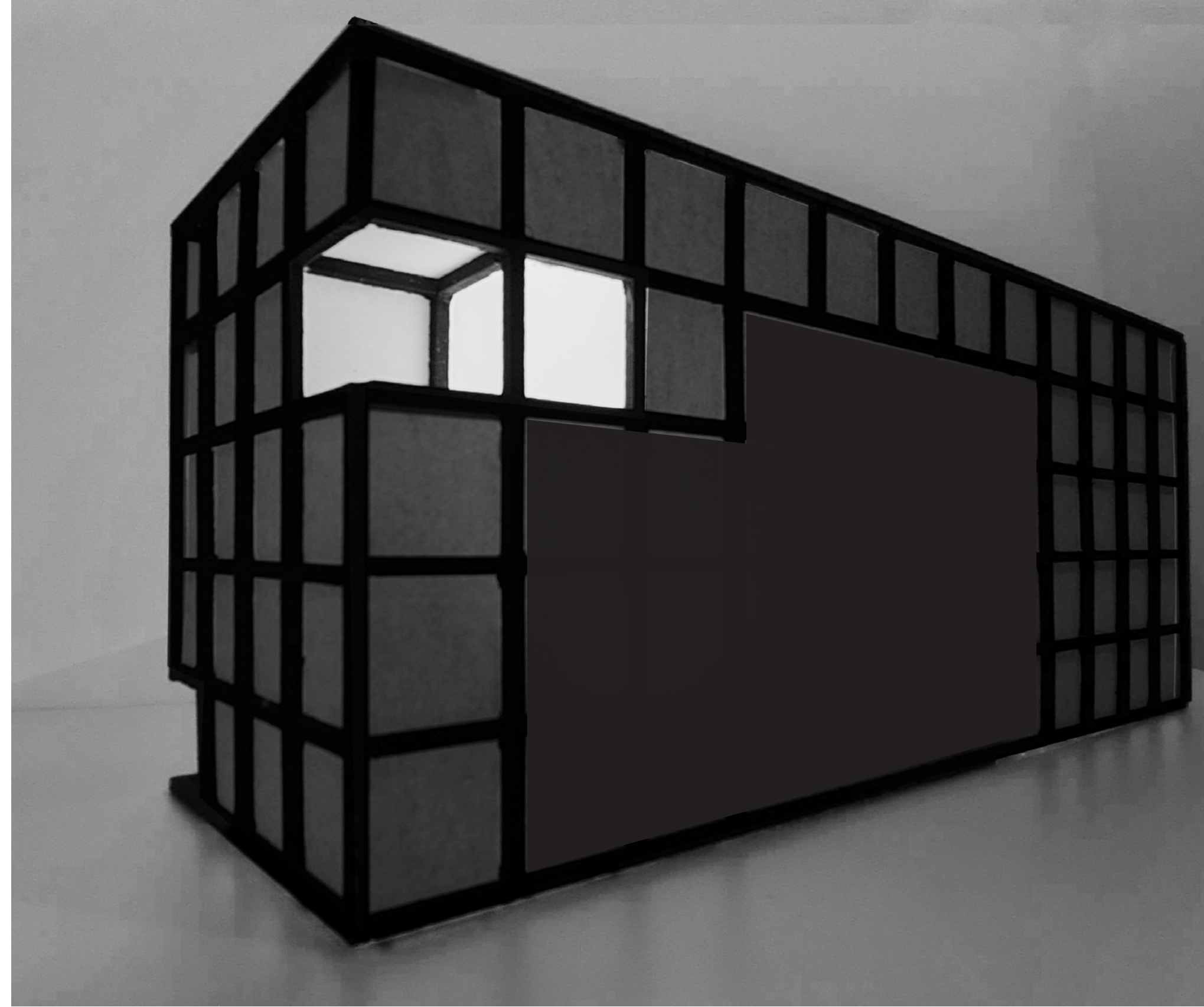
Bauhaus-Universität Weimar

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Entwurfsverfasser: Patricia Berchtold, Sommersemester 2021

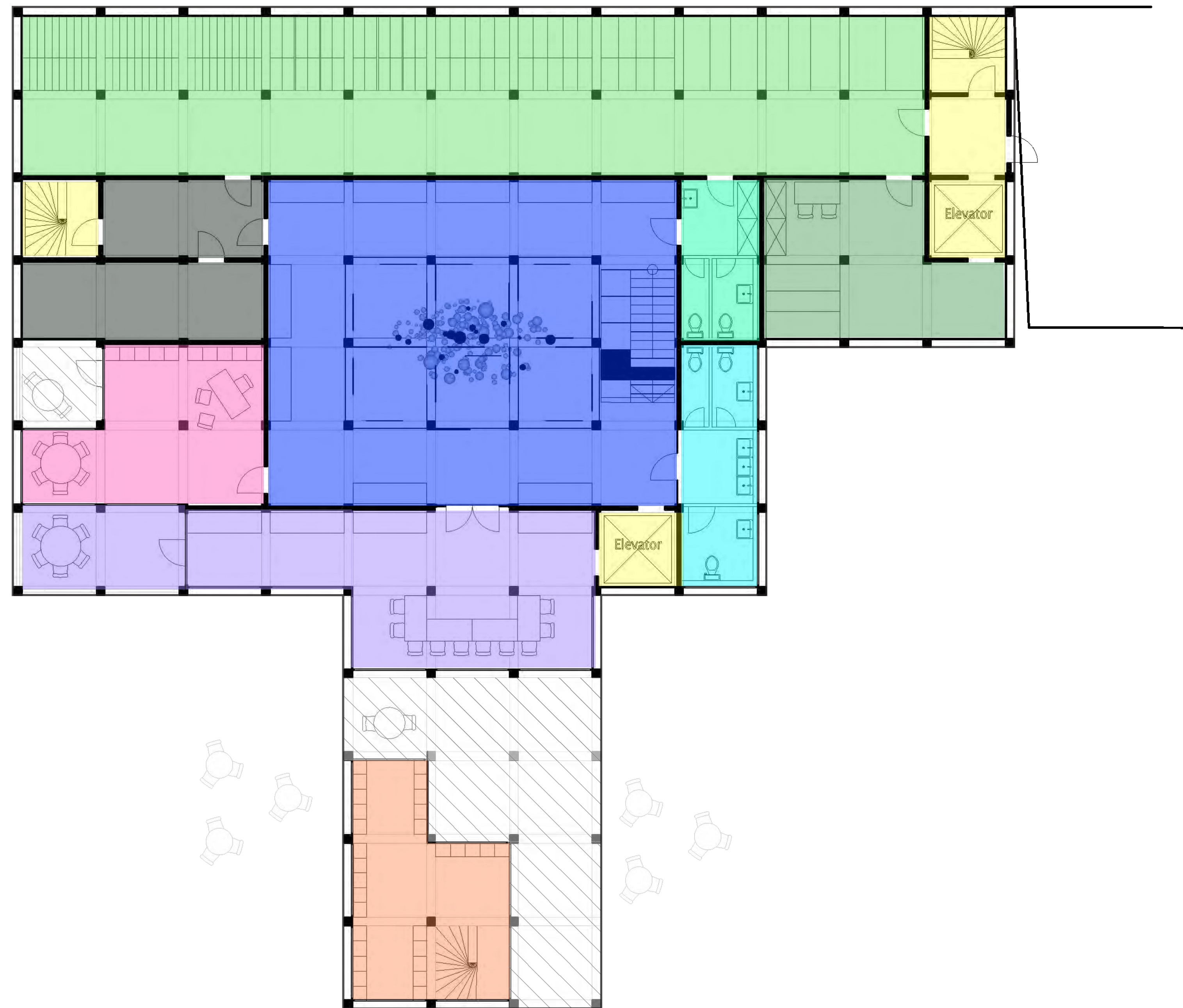


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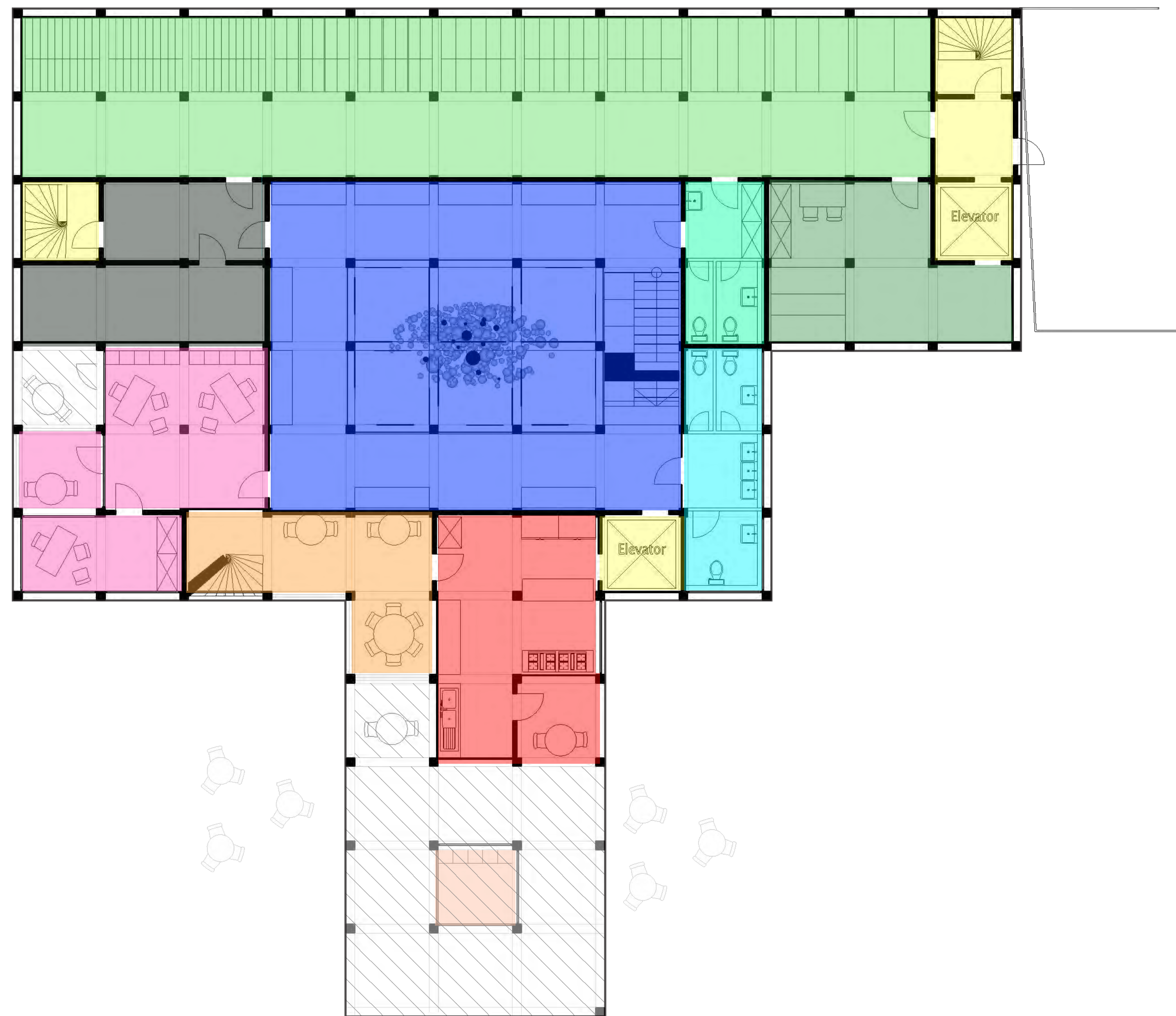


- Theke, Schließfächer
- Schaulager, Holoforum
- Seminarräume
- WCs öffentlich
- WCs Perthesforum
- Durchwegung
- Lager, Archiv
- Zwischenlager
- Lager, Technik
- Museumsshop
- Infopoint, Kiosk, Café, Bar
- Mitarbeiter, Büros
- Server, Technik, Lüftung

Wunderkammer 4.0



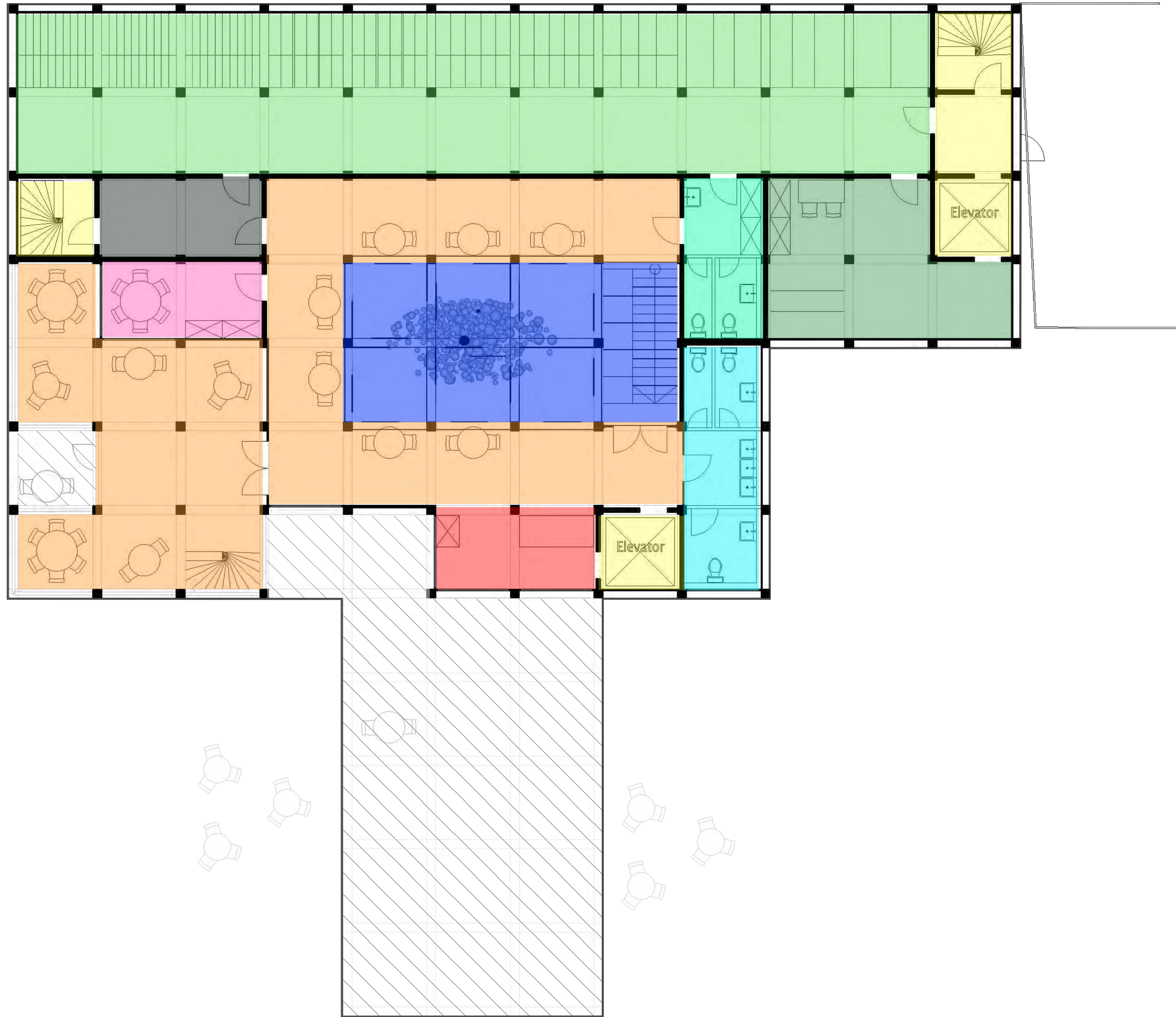
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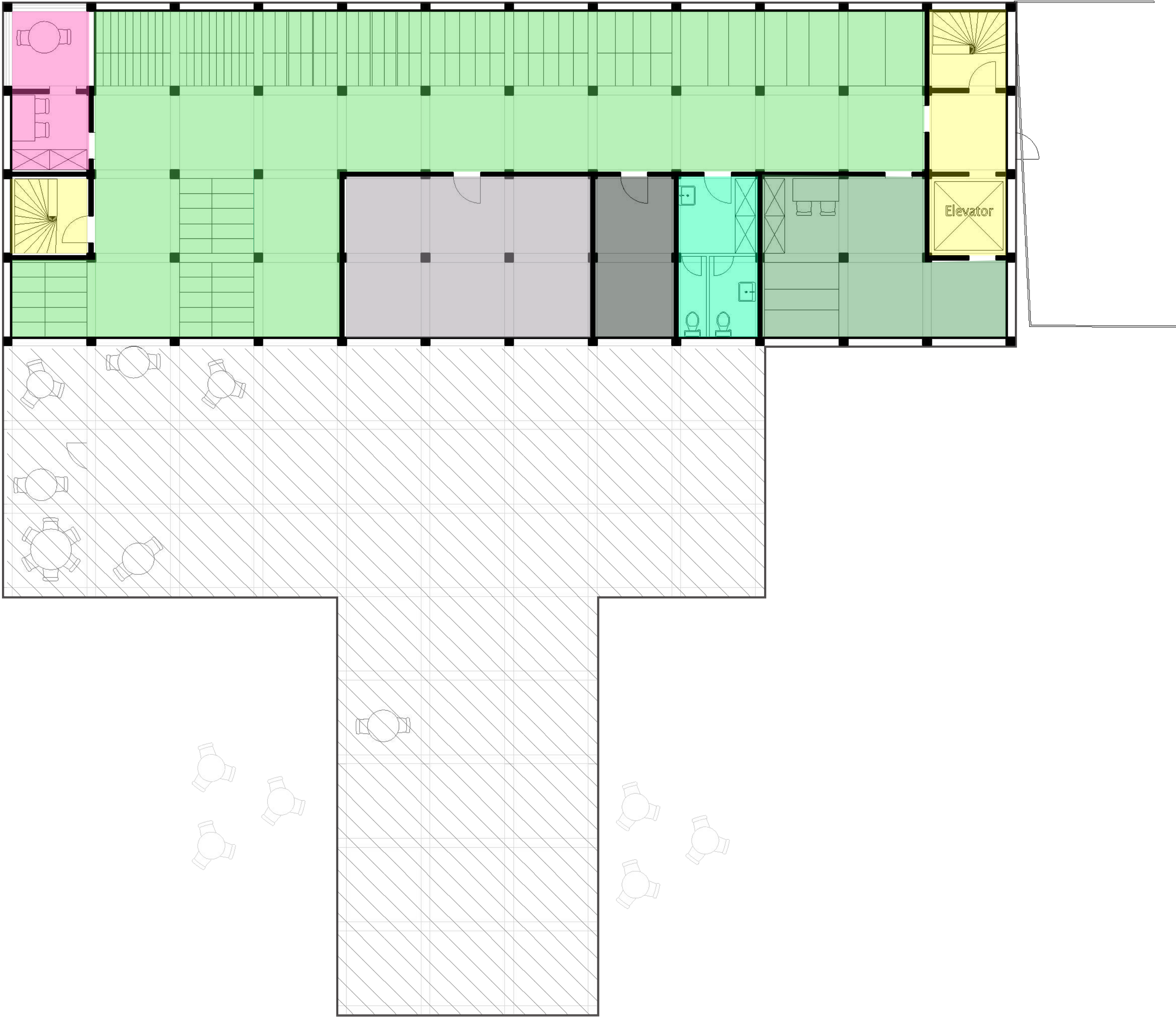
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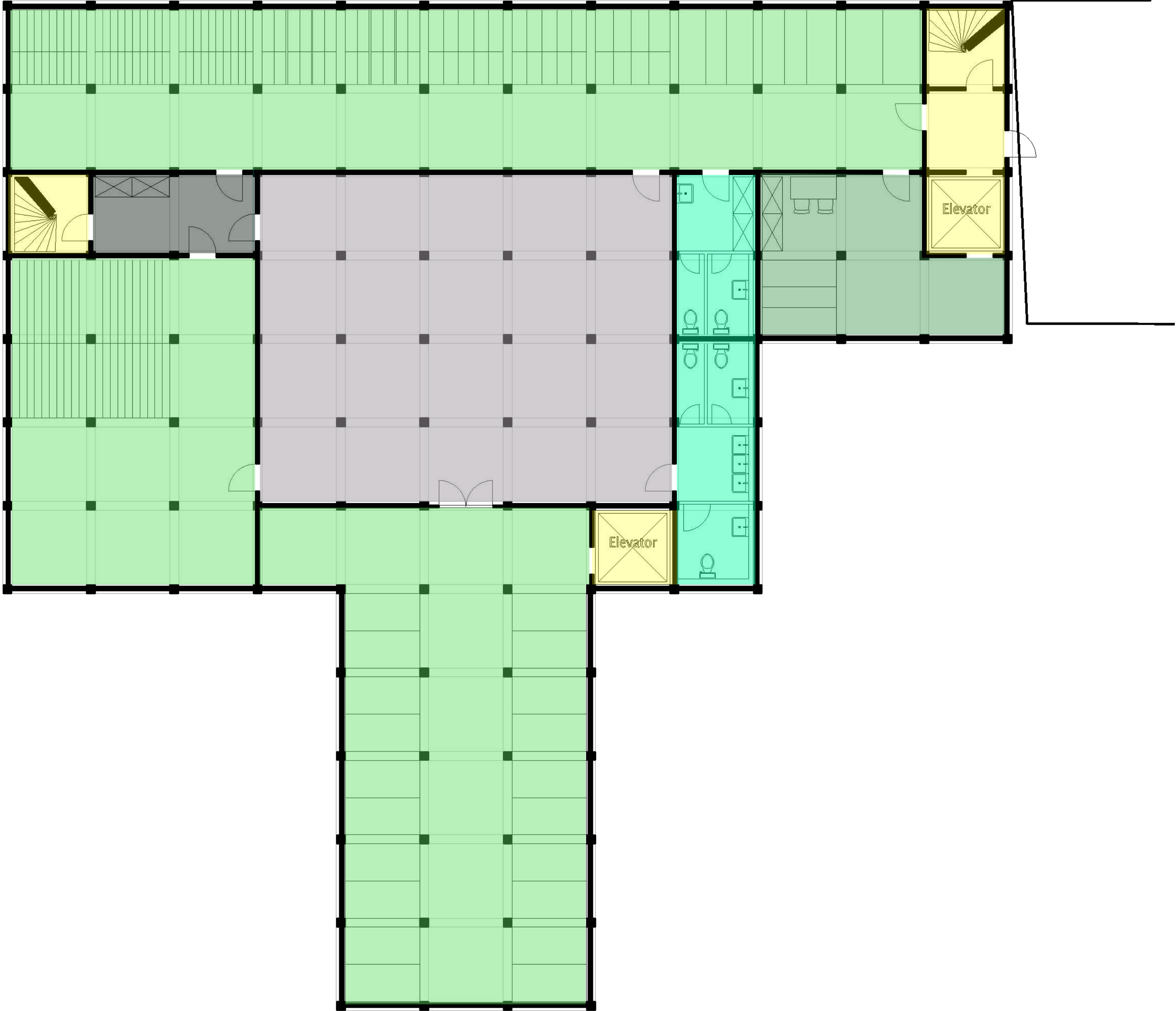
M 100

- Theke, Schließfächer
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- Seminarräume
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- WCs Perthesforum
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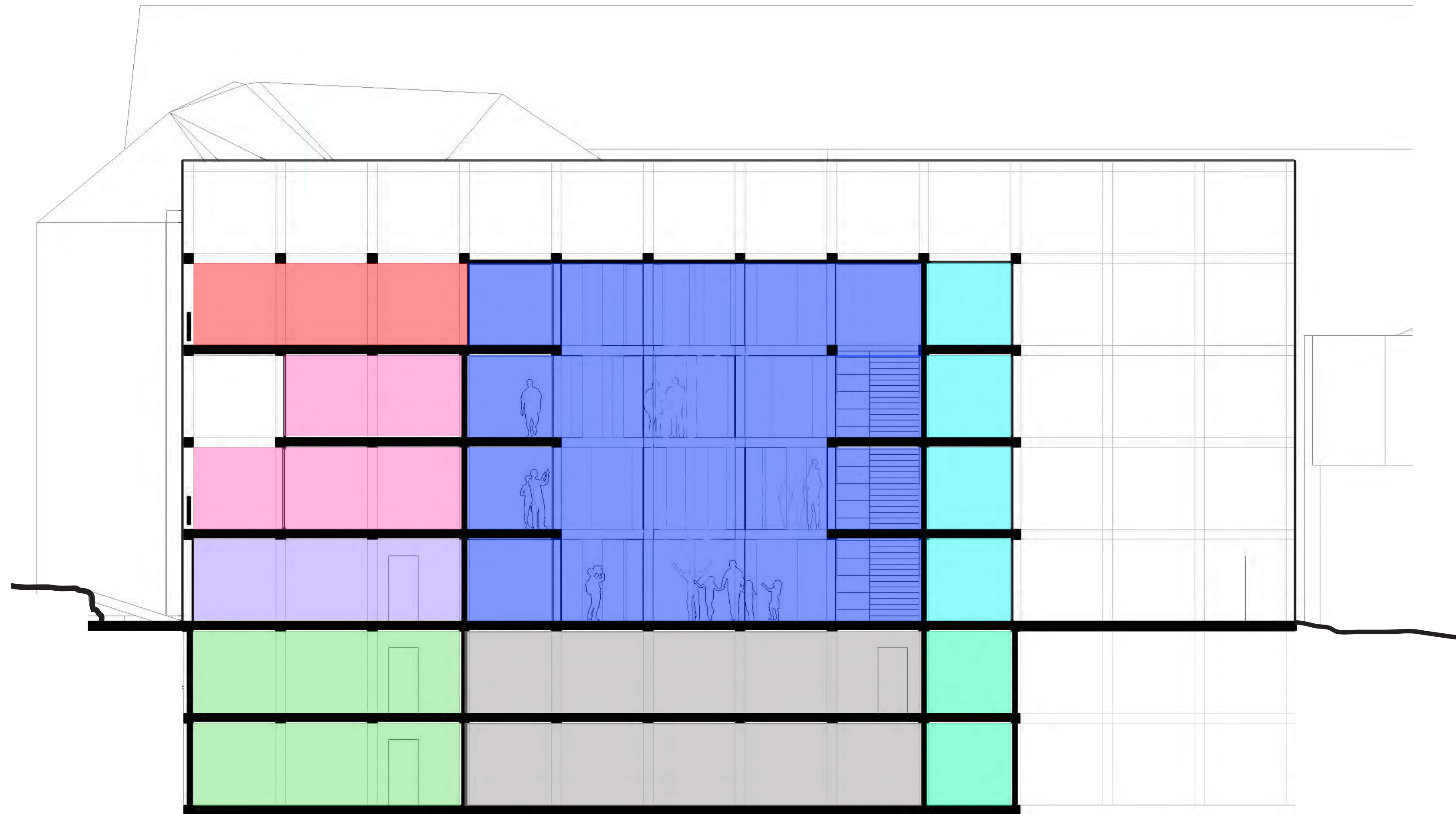


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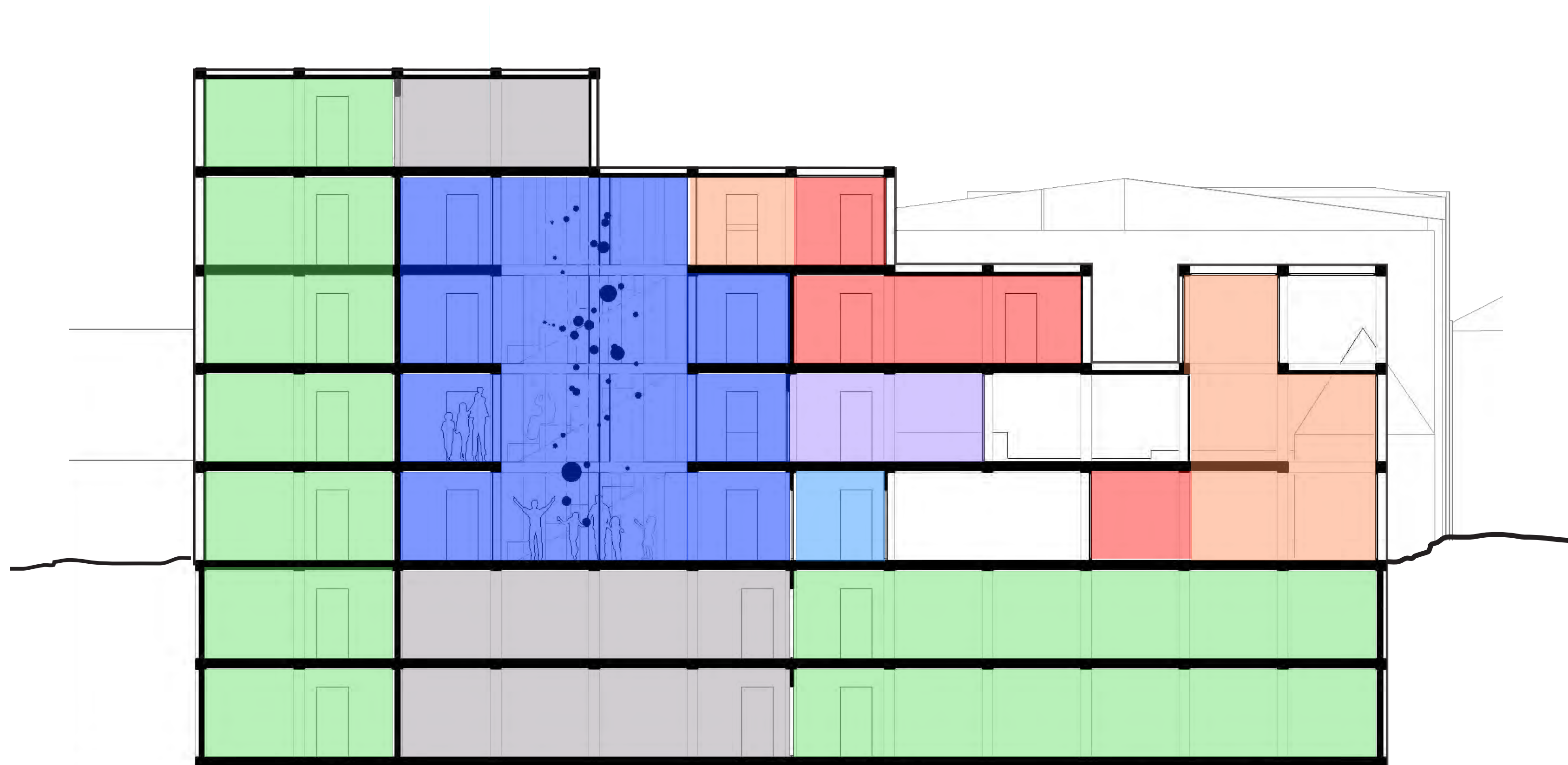


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Wunderkammer 4.0



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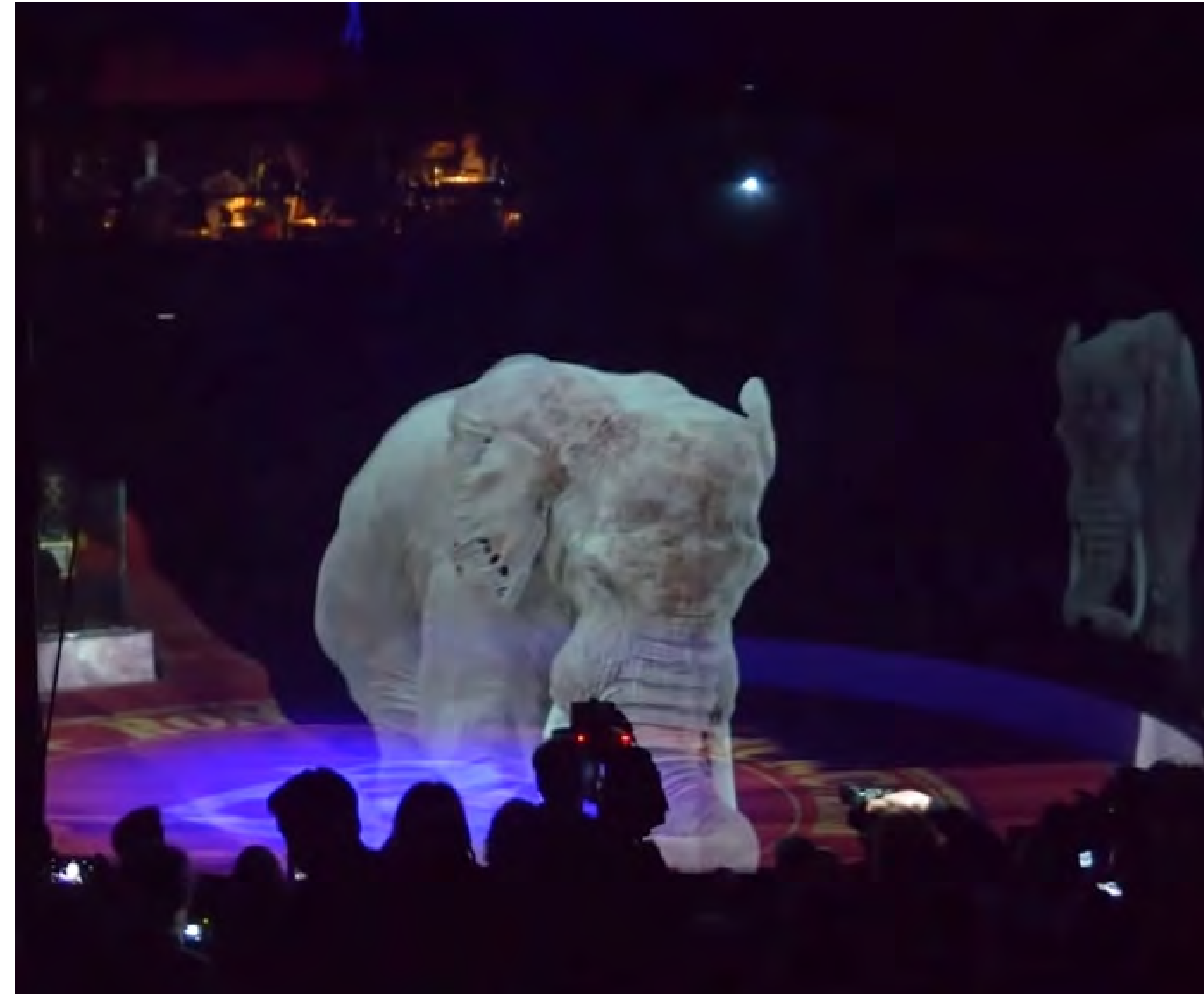
| Sprite Hologram - Puma Urban Art 2010



| Hologram Circus Germany - 2019



| Sprite Hologram - Puma Urban Art 2010



| Hologram Circus Germany - 2019







| RAUMSTATION | Holoforum |

| Universum der Digitalisate



| Microsoft Holo-Lens - Touchable Holograms 2021

Wunderkammer 4.0

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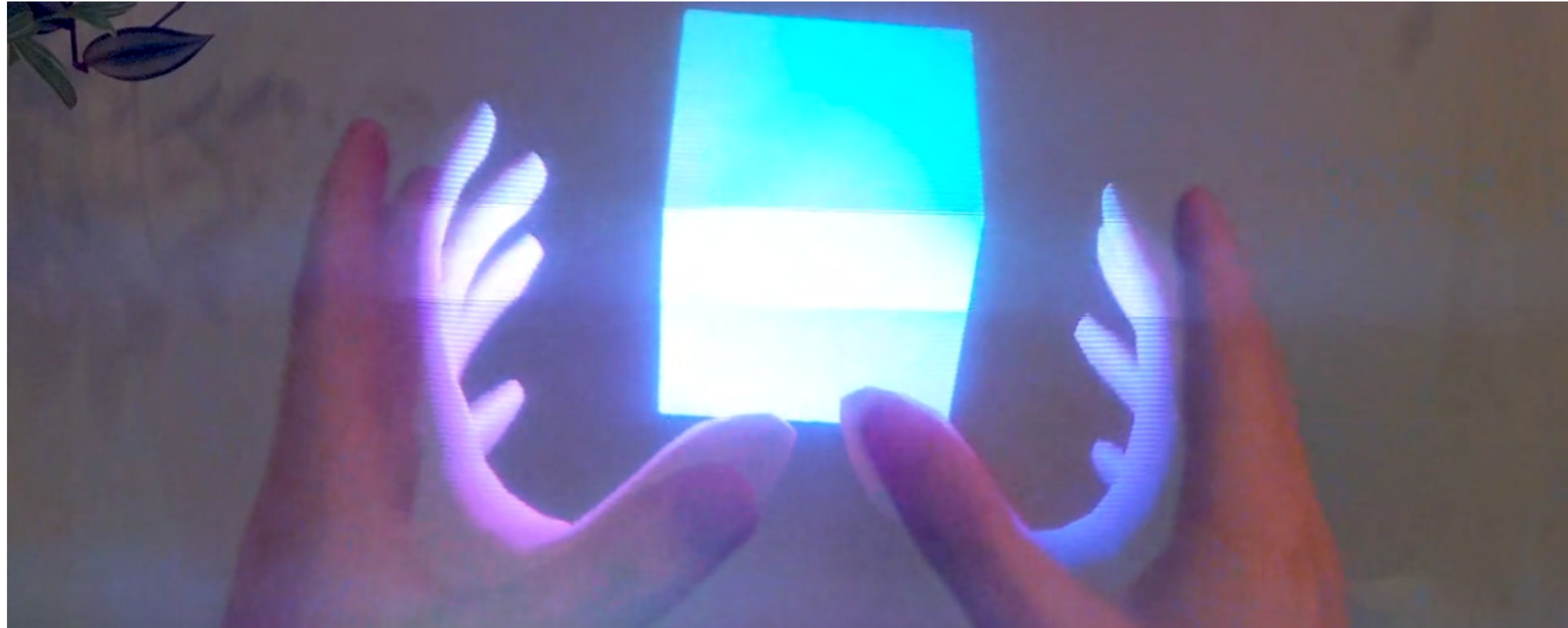
Professur Bauformenlehre | Prof. DI DD Bernd Rudolf | Dr. Luise Nerlich
Fakultät Architektur und Urbanistik

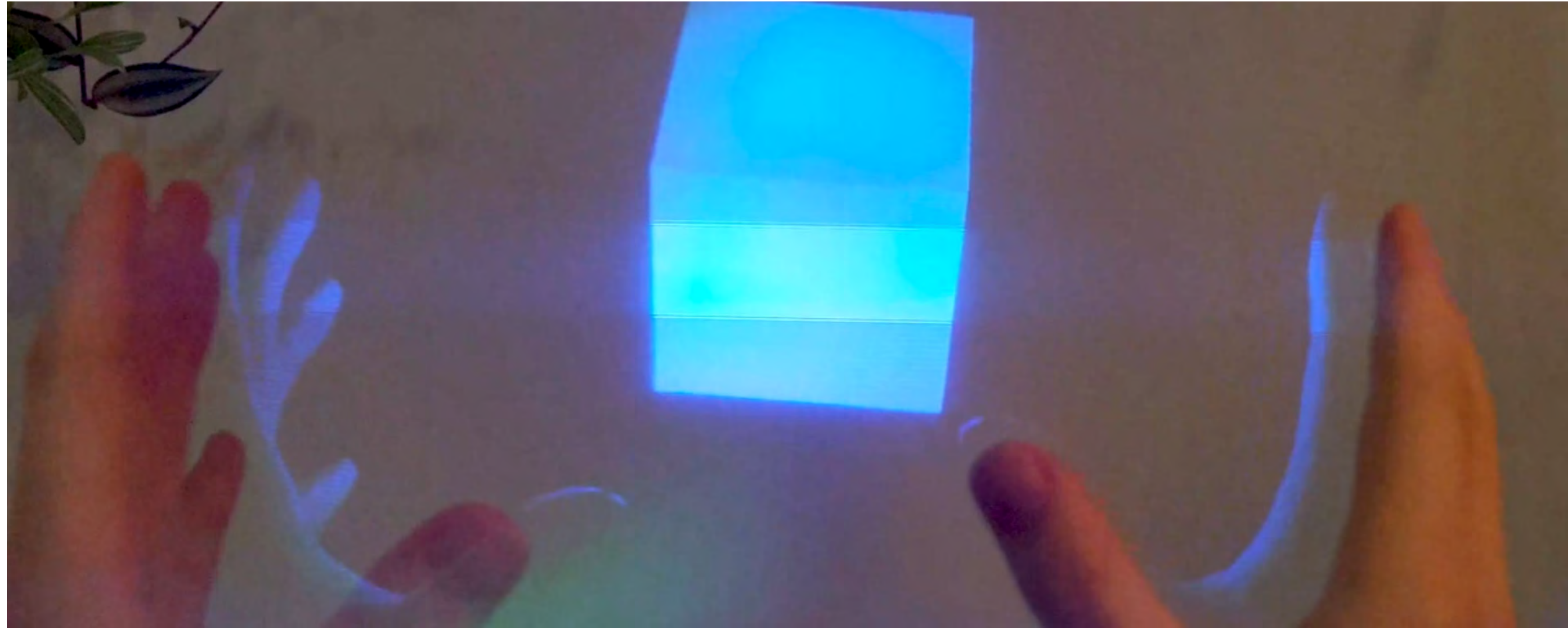
Gastkritik: Dr. Tobias Pfeifer-Helke, Direktor Stiftung Schloss Friedenstein Gotha
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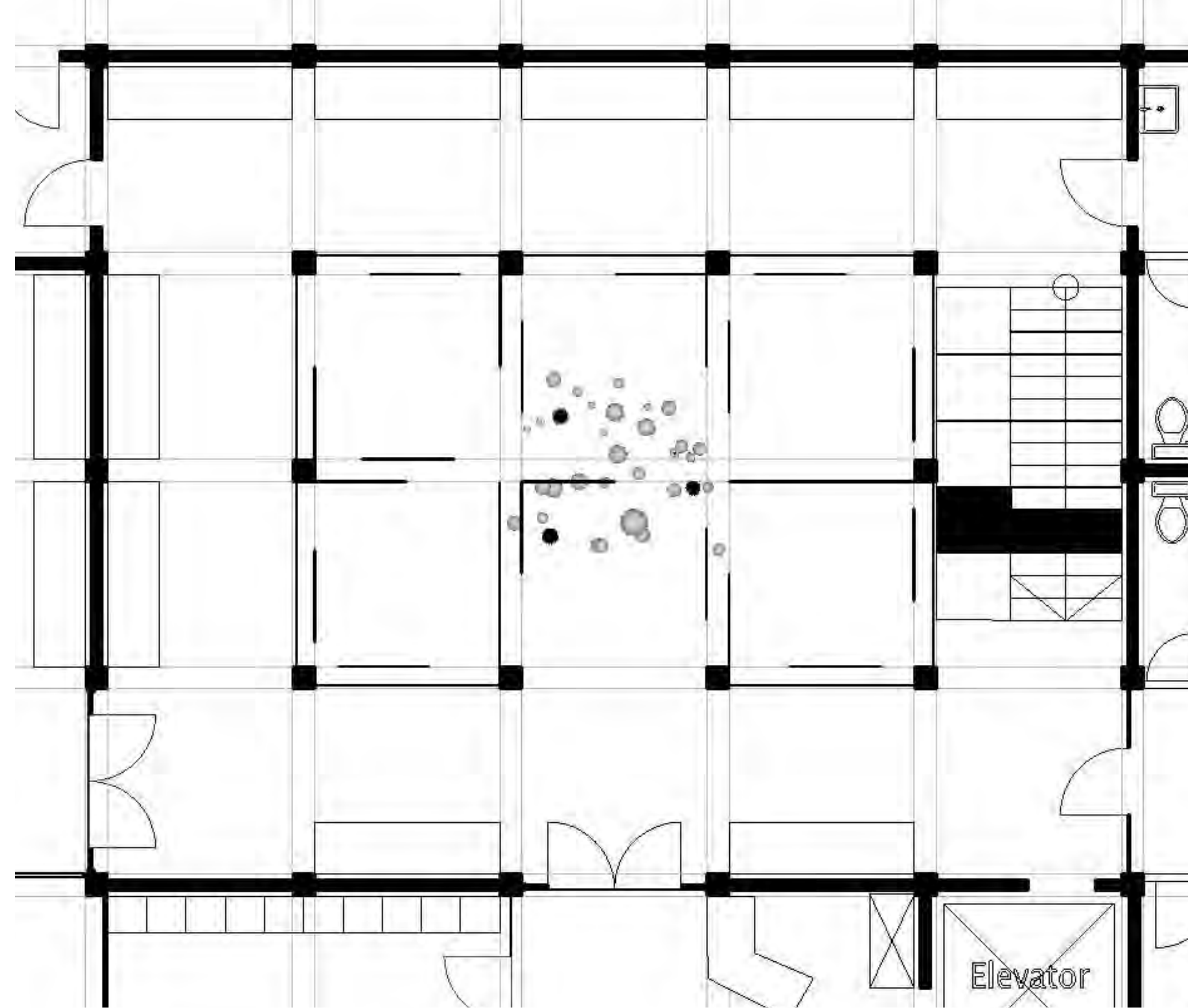
Entwurfsverfasser: Patricia Berchtold, Sommersemester 2021

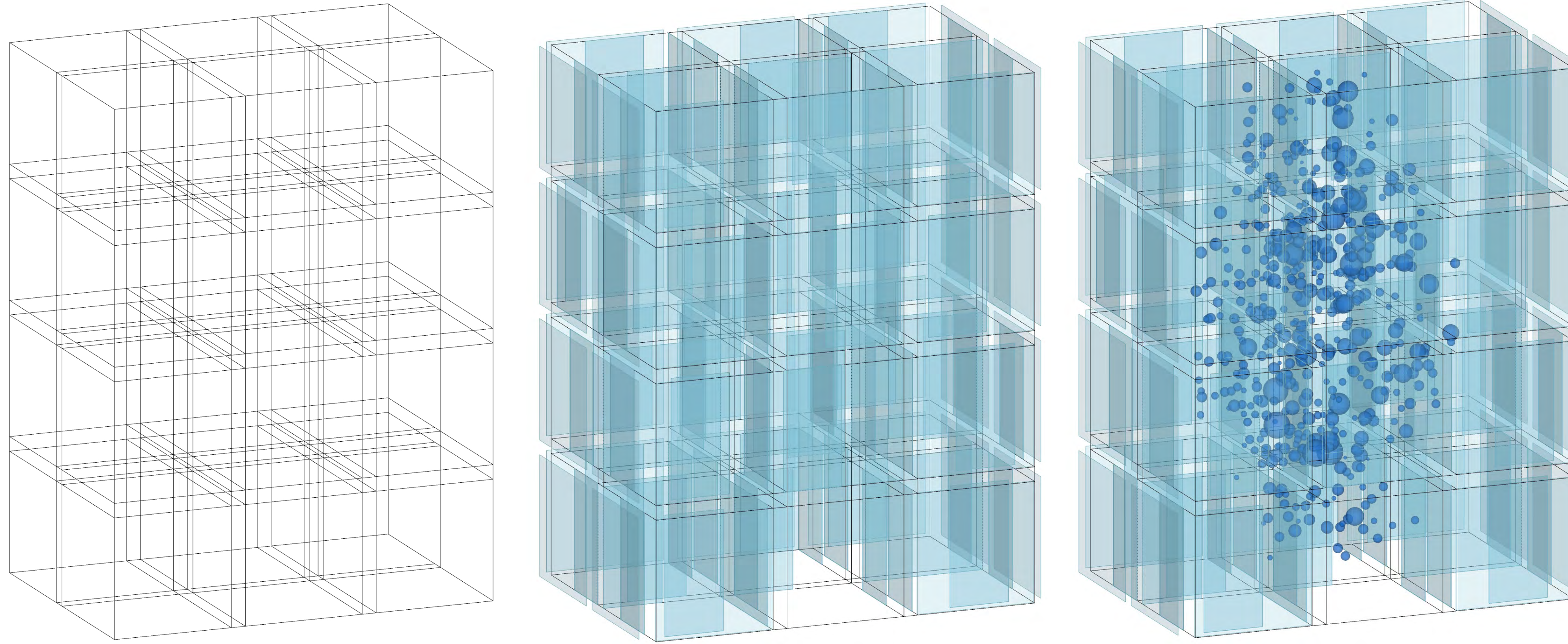


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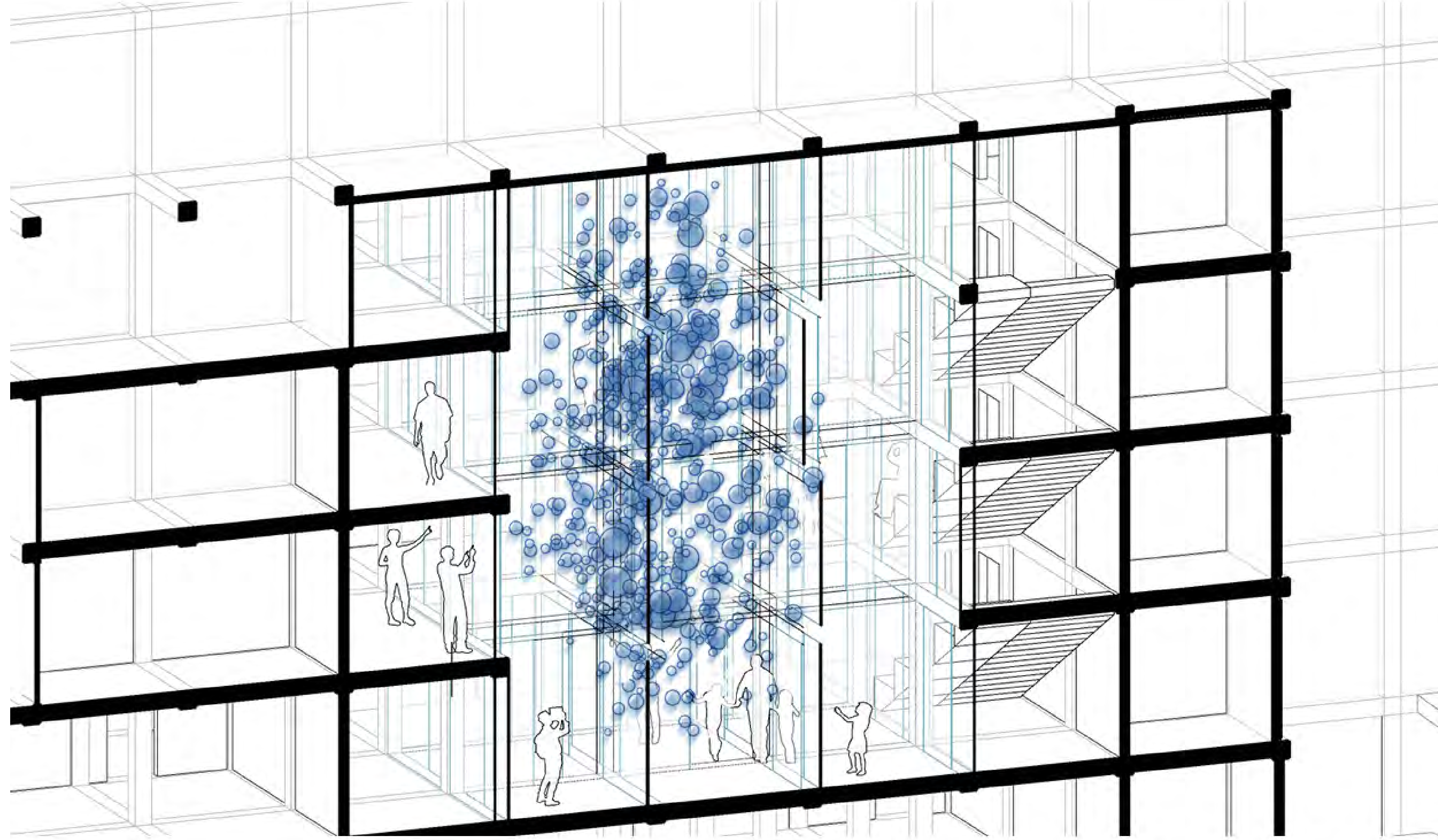


Wunderkammer 4.0

| RAUMSTATION

| Holoforum

| Axonometrie



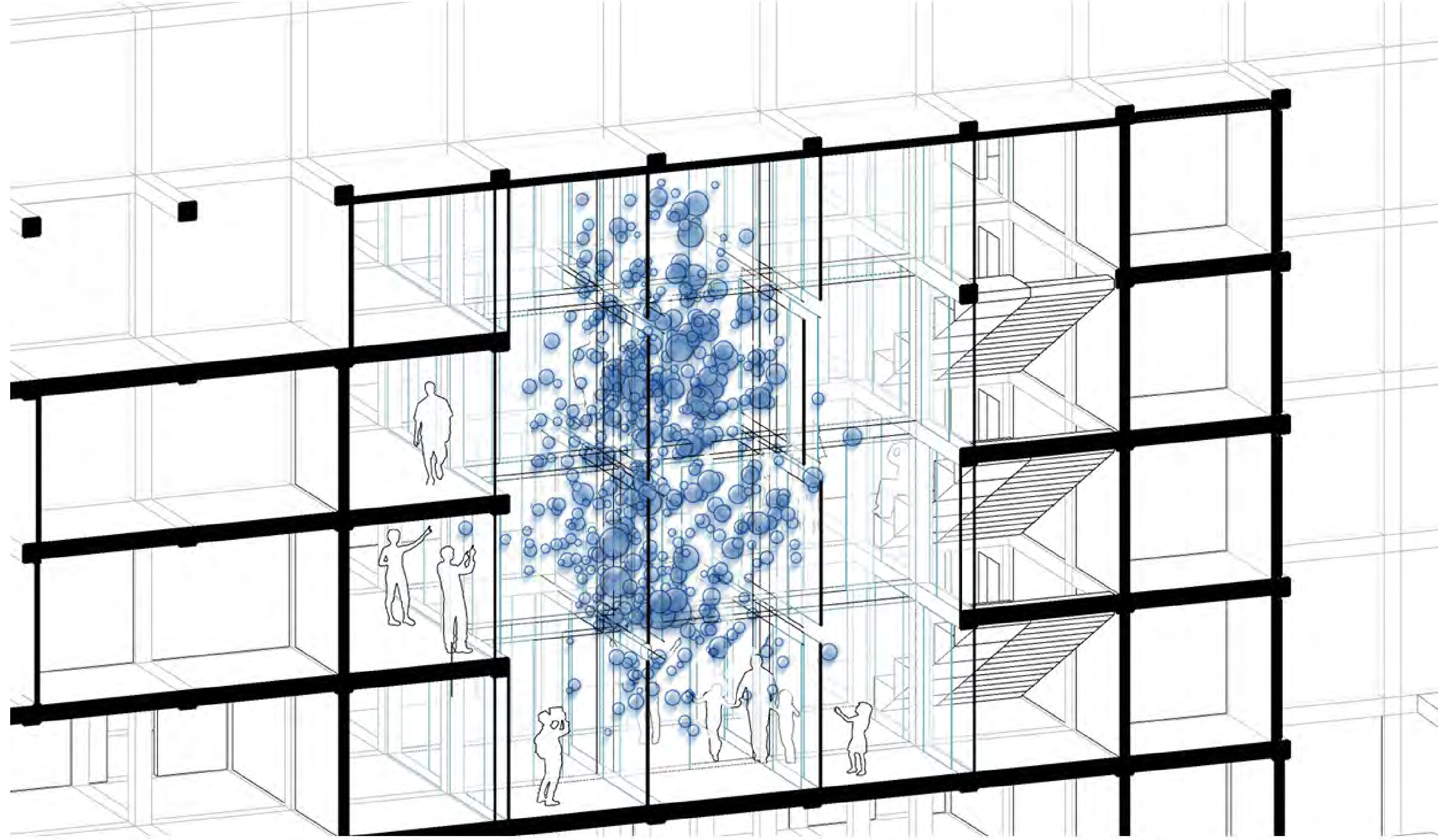
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Bauhaus-Universität Weimar

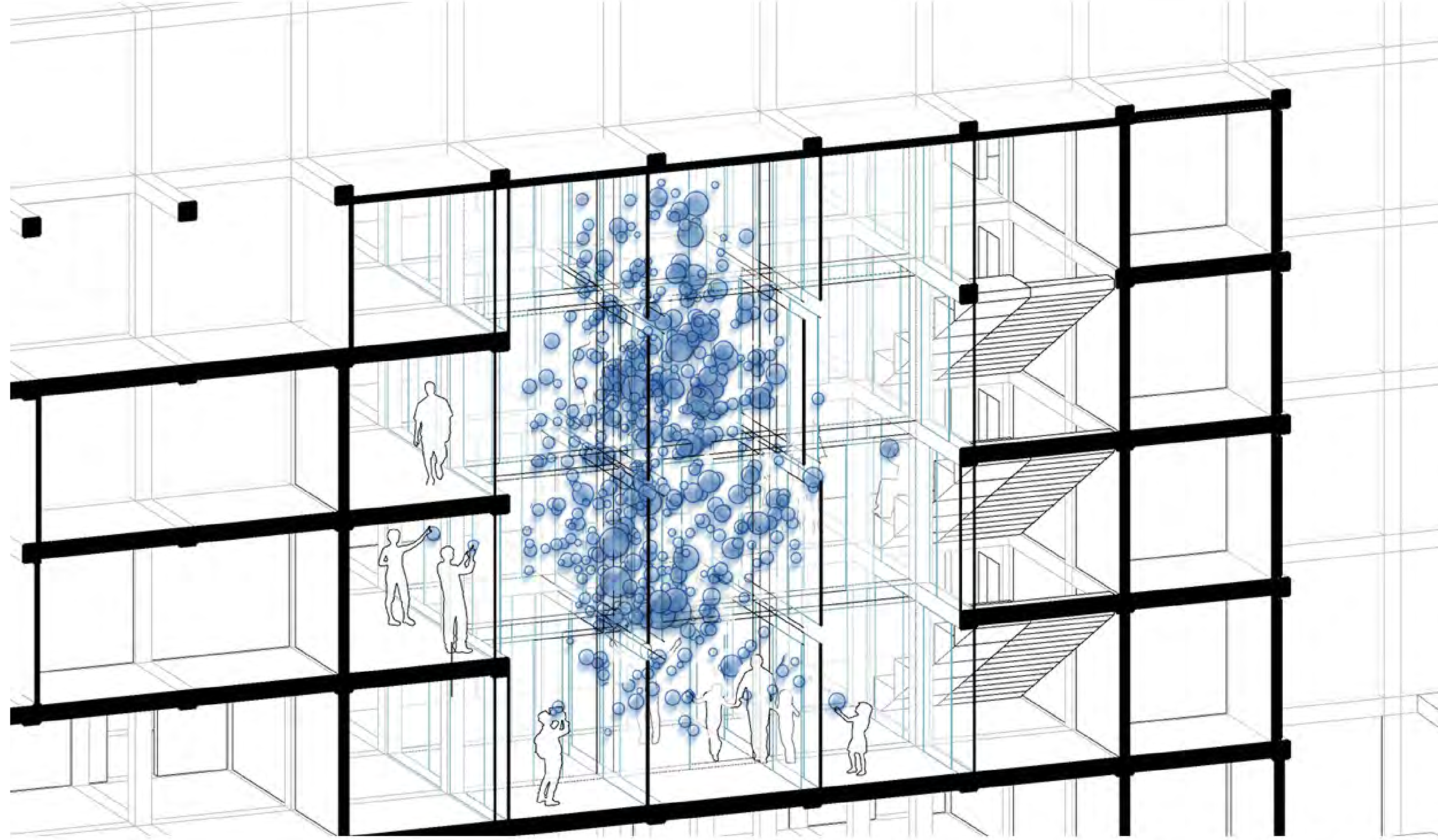
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Wunderkammer 4.0



Wunderkammer 4.0



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- 01 -
flickr 2009,
Gandalf's Gallery
Cornelis de Baellieur - Interior of a Collector's Cabinet [1637],
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- 02 -
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- 04 -
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- 05 -
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media release,
accesed 05.06.2021,
<https://i.nextmedia.com.au/Utils/ImageResizer.ashx?n=https%3a%2f%2f.nextmedia.com.au%2fNews%2fCurtin_resized_table_03_2_Euclidean.png&w=480&c=0&s=1>
- 06 -
archilovers 2018,
Wilderness Pavilion at Kilimanjaro,
media release,
accesed 05.06.2021,
<https://cdn.archilovers.com/projects/b_730_56de2425-0ec6-4a19-b33d-6ea720263aa7.jpg>

- 07 -
pcworld 2009,
Samsung's Interactive Hologram: Part Holodeck, Part Project Natal, Entirely Awesome,
media release,
accesed 05.06.2021,
<https://images.pcworld.com/news/graphics/168897-daveblog_samsung3d_original.jpg>
- 08 -
designboom 2012,
tokujin yoshioka: cartier time art exhibition at bellerive museum,
media release,
accesed 05.06.2021,
<https://www.designboom.com/weblog/images/images_2/2011/joyce/cartier_time_art_01.jpg>
- 09 -
fastcompany 2013,
5 Lessons In UI Design, From A Breakthrough Museum,
media release,
accesed 05.06.2021,
<<https://www.fastcompany.com/1671845/5-lessons-in-ui-design-from-a-breakthrough-museum>>

- 10 , 12 -
teeamlab 2016,
Wander through the Crystal Universe,
media release,
accesed 05.06.2021,
<<https://www.teamlab.art/w/dmm-crystaluniverse/>>
- 11 -
pngtree 2013,
Ogy Future Vr Virtual Reality Experience Universe Girl Illustration,
media release,
accesed 05.06.2021,
<https://pngtree.com/freepng/ogy-future-vr-virtual-reality-experience-universe-girl_4201939.html>
- 13 -
divisare 2017,
Paredes Pedrosa Arquitectos Lugo Auditorium,
media release,
accesed 05.06.2021,
<<https://divisare.com/projects/330833-paredes-pedrosa-arquitectos-roland-halbe-lugo-auditorium#img=1&slide=3>>

- 14, 16 -
steven holl 2018,
INSTITUTE FOR CONTEMPORARY ART, VCU,
media release,
accesed 05.06.2021,
<https://stevenholl.sfo2.digitaloceanspaces.com/uploads/projects/project-images/IwanBaan_ICA_VCU-17-12SHA%204208_WH.jpg>
&
https://stevenholl.sfo2.digitaloceanspaces.com/uploads/projects/project-images/IwanBaan_ICA_VCU-17-12SHA4280_WH.jpg >
- 15 -
archdaily 2016,
Joliette Art Museum / FABG,
media release,
accesed 05.06.2021,
<https://images.adsttc.com/media/images/5790/19bf/e58e/ce9a/9c00/0079/slide-show/27374-preview_low_567-10_27374_sc_v2com.jpg?1469061563>