

DO NOT SHARE

# Consciously Tall

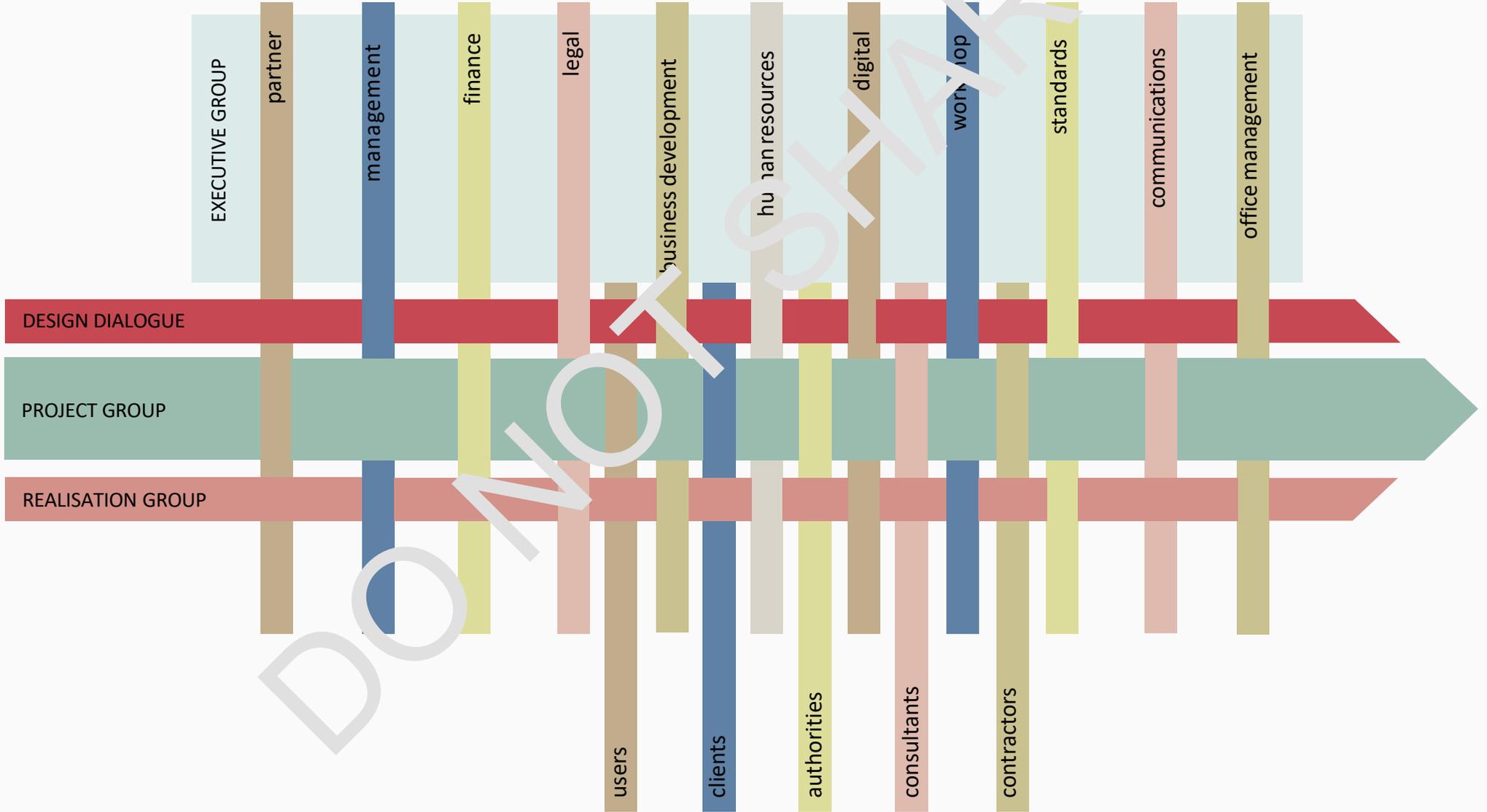
lina lahiri • sauerbruch hutton • berlin  
VU nordic chapter, helsinki  
tuesday the 3rd of february 2026



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AXEL SPRINGER VERLAG WELT

BRIEF



EXECUTIVE GROUP

PROJECT GROUP

REALISATION GROUP

partner

management

finance

legal

business development

human resources

digital

workshop

standards

communications

office management

users

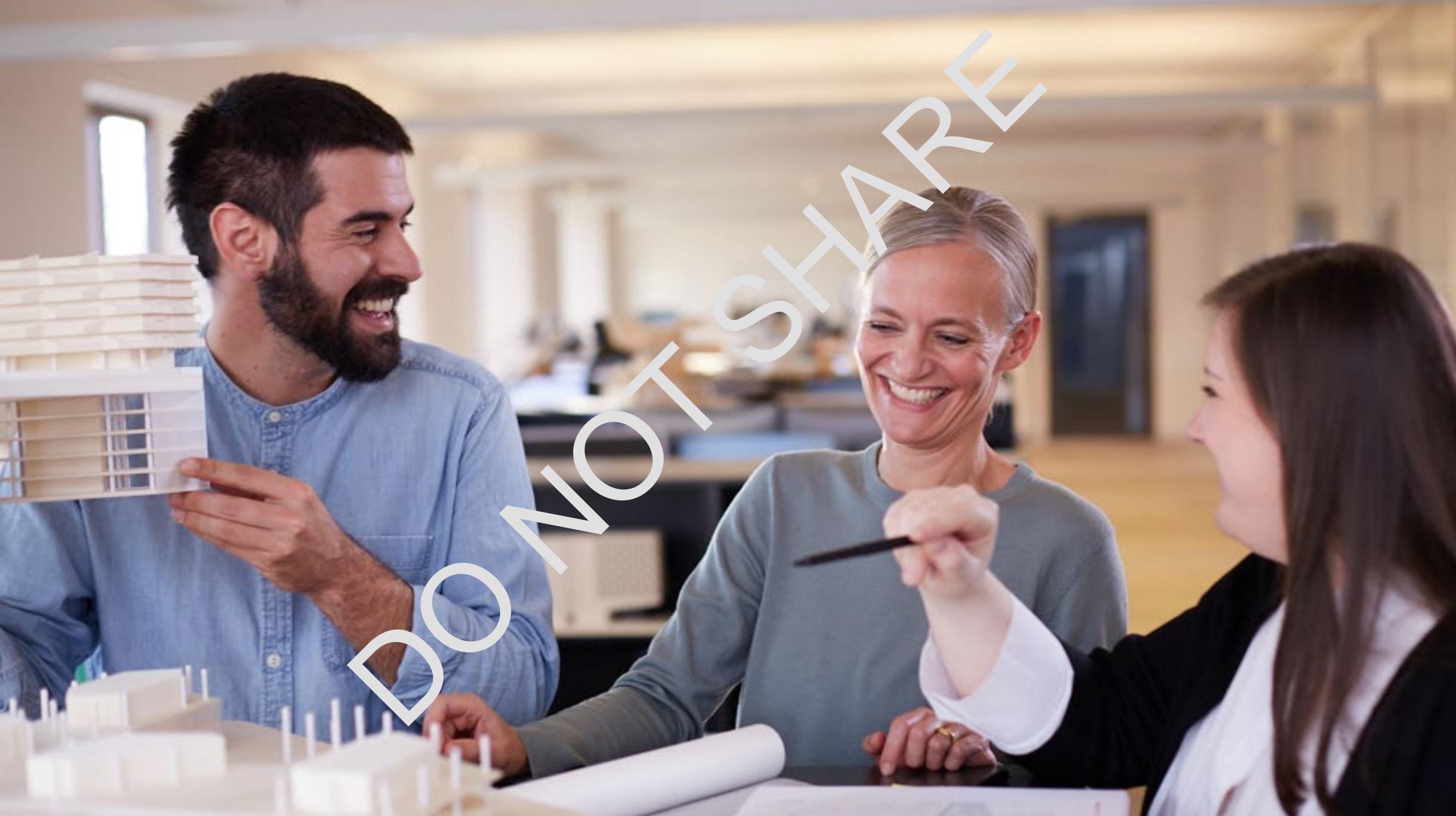
clients

authorities

consultants

contractors

PROJECT





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5 towers : Highrise Construction

- International Insights

KFW low energy, high tech solution

SNM simple construction

SPK timber high rise

TAK adaptive reuse

HAB energy production



kfw westarkade  
frankfurt

brief  
bank headquarter with  
conference centre

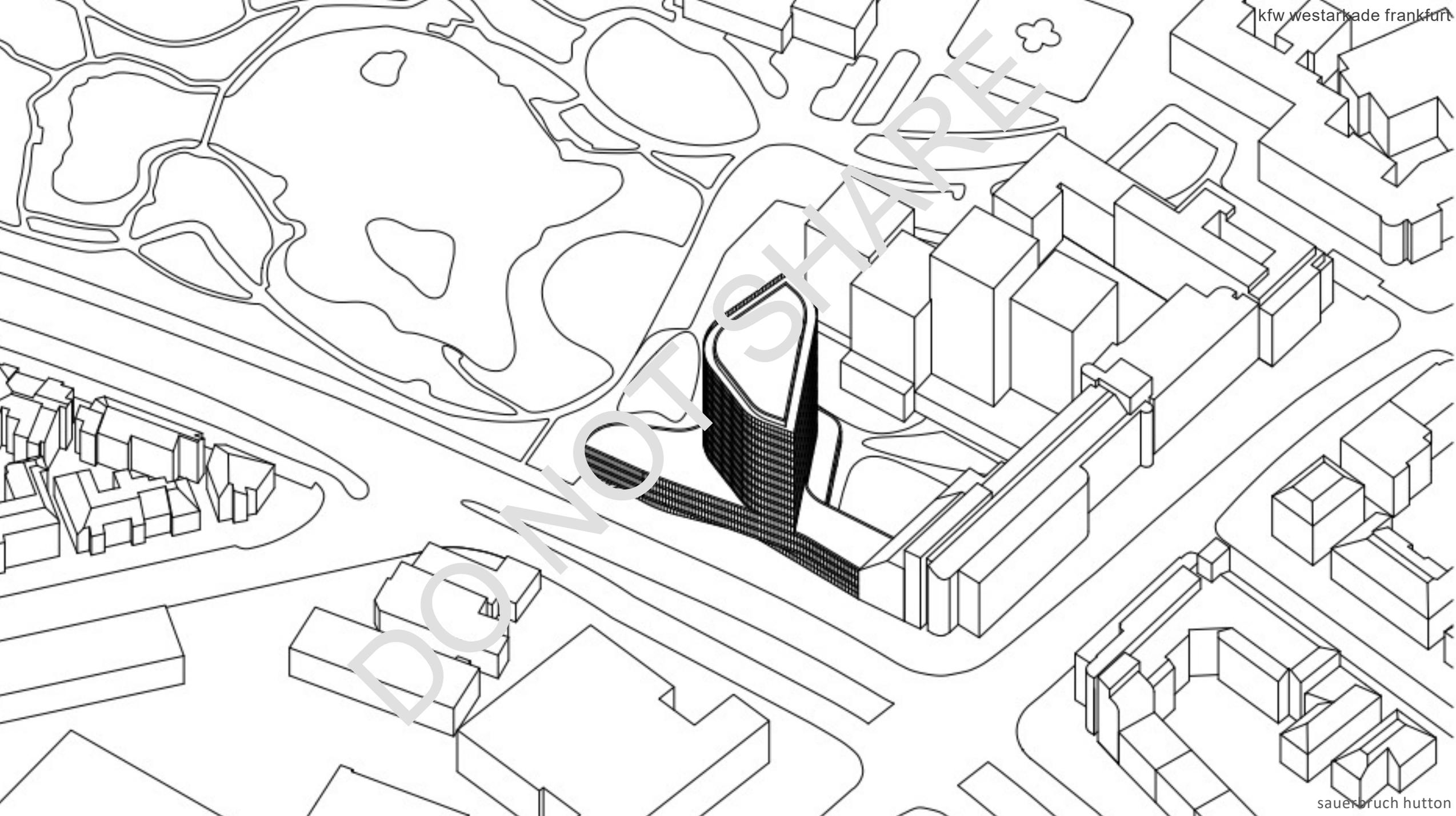
client  
KfW Bankengruppe

size  
39.100 m<sup>2</sup>

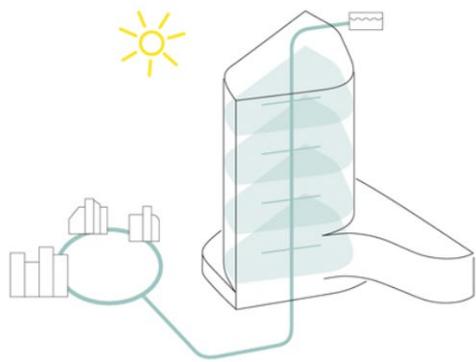
completion  
2010

sauerbruch hutton

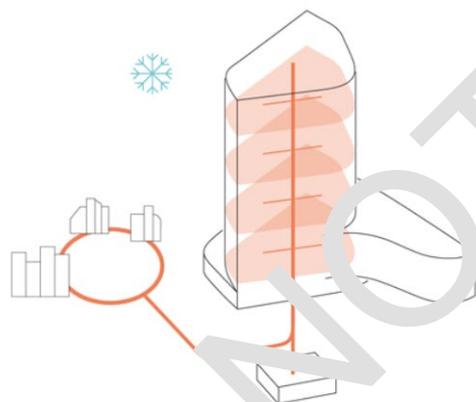
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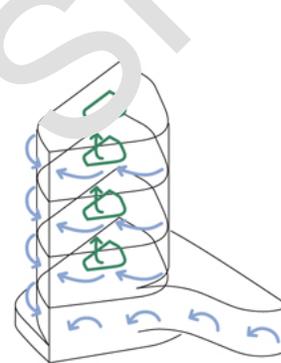
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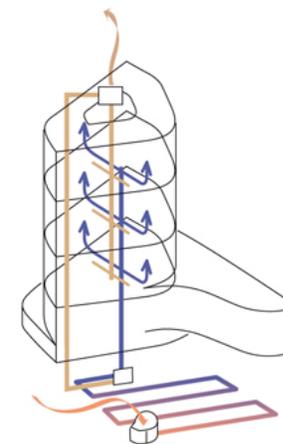
cooling



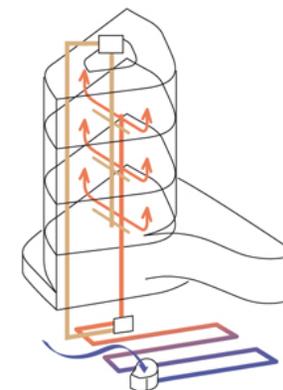
heating



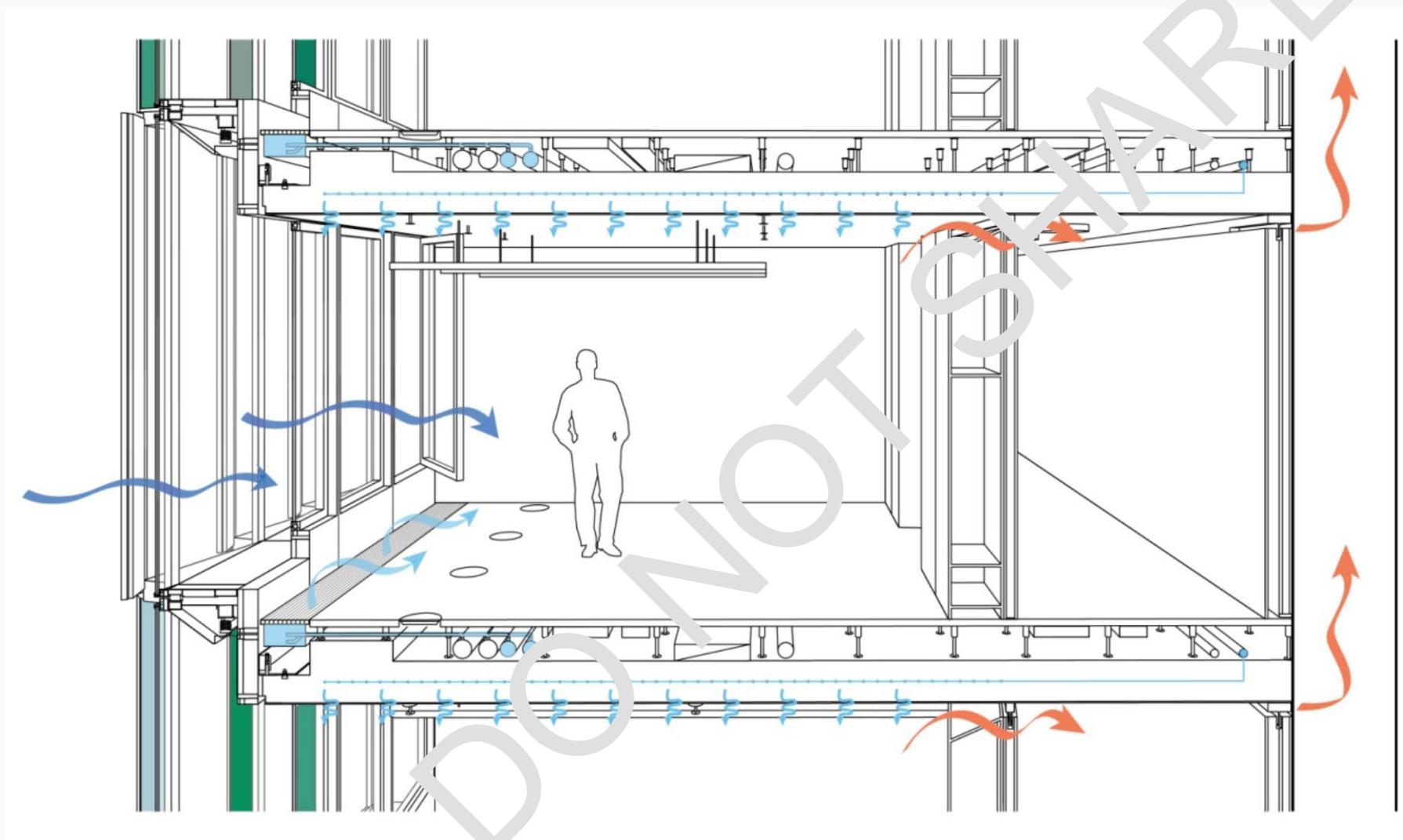
ventilation spring and autumn



ventilation summer



ventilation winter



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U  
← Aufzug

Bockenheimer Landstraße

U  
Bockenheimer Warte

# DOMOT STYARE





sthlm 01  
stockholm

Brief

Office building with retail, restaurants  
and public sky bar

client

Skanska Fastigheter Stockholm AB

size

35.200 sq m

completion

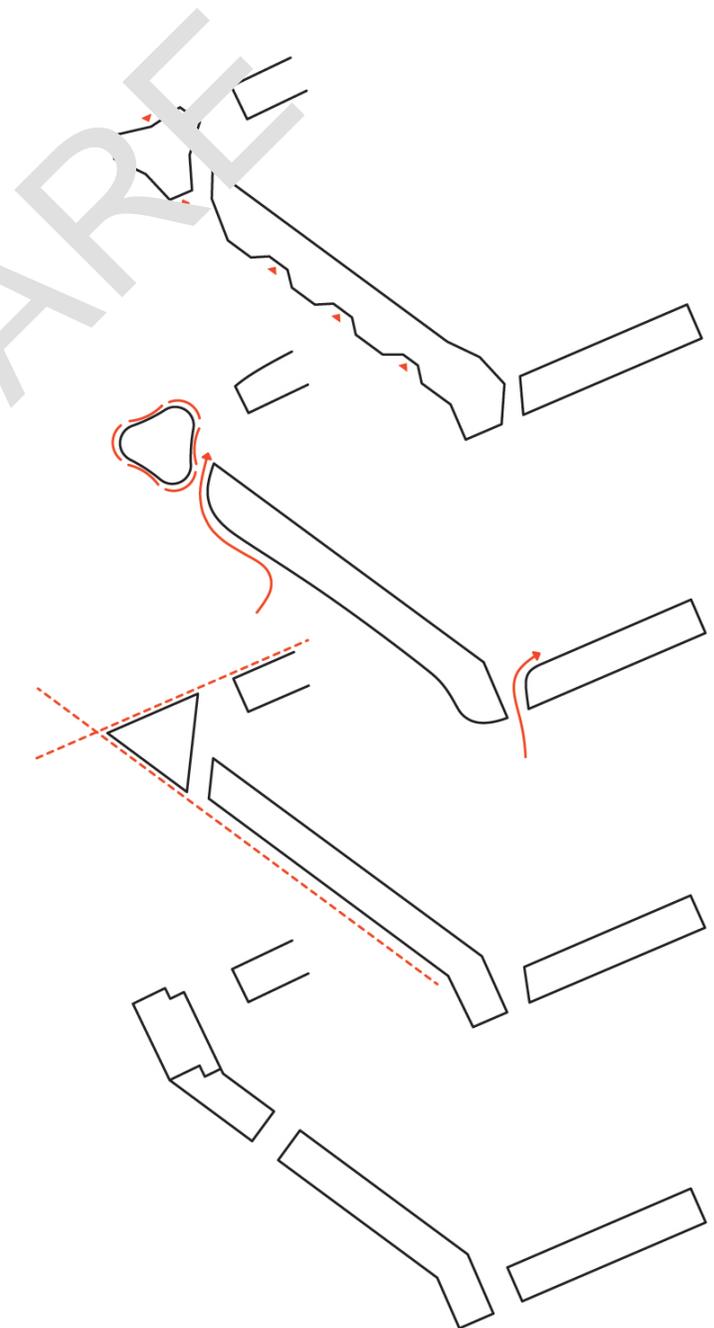
2020

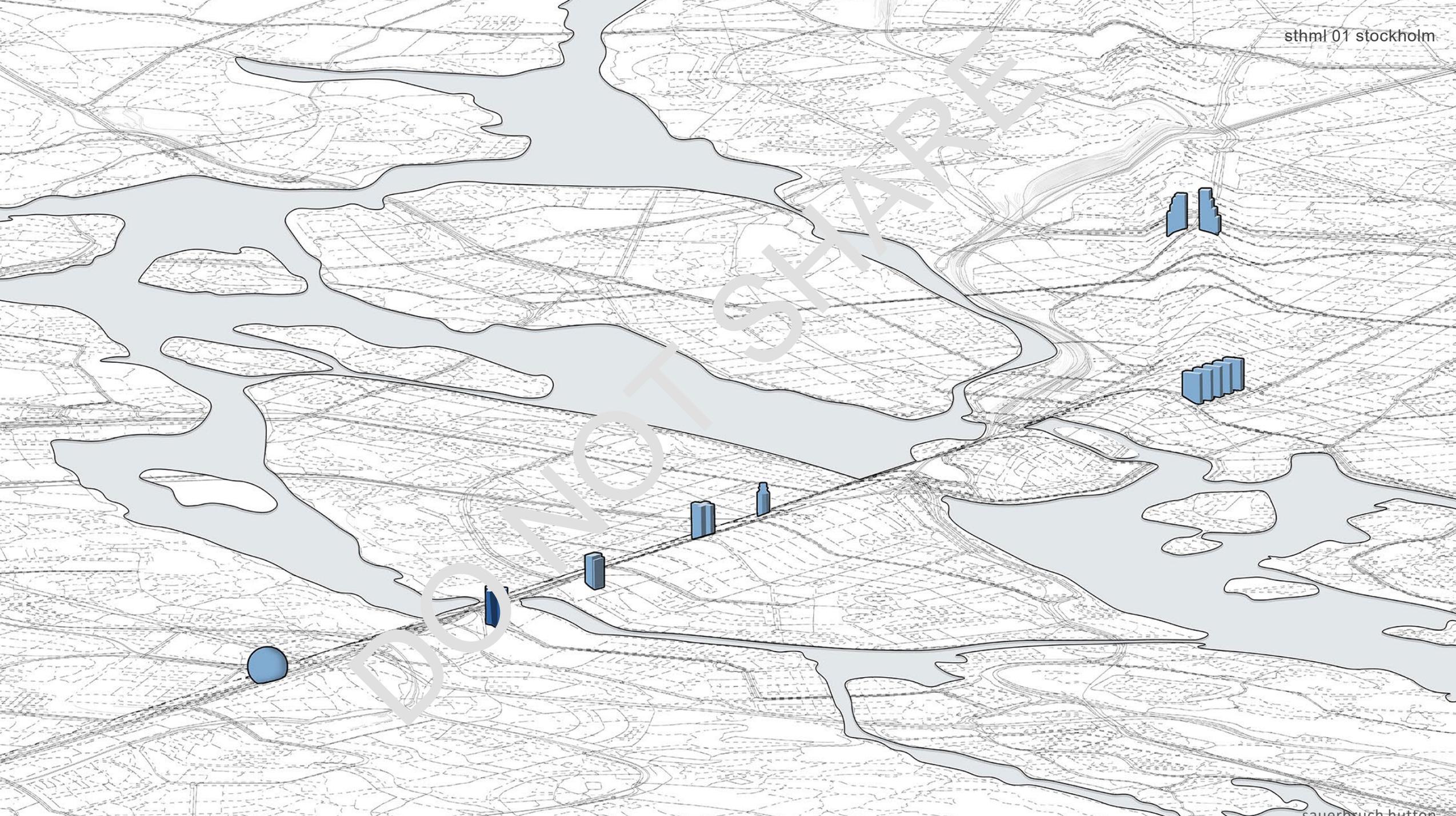
sauerbruch hutton

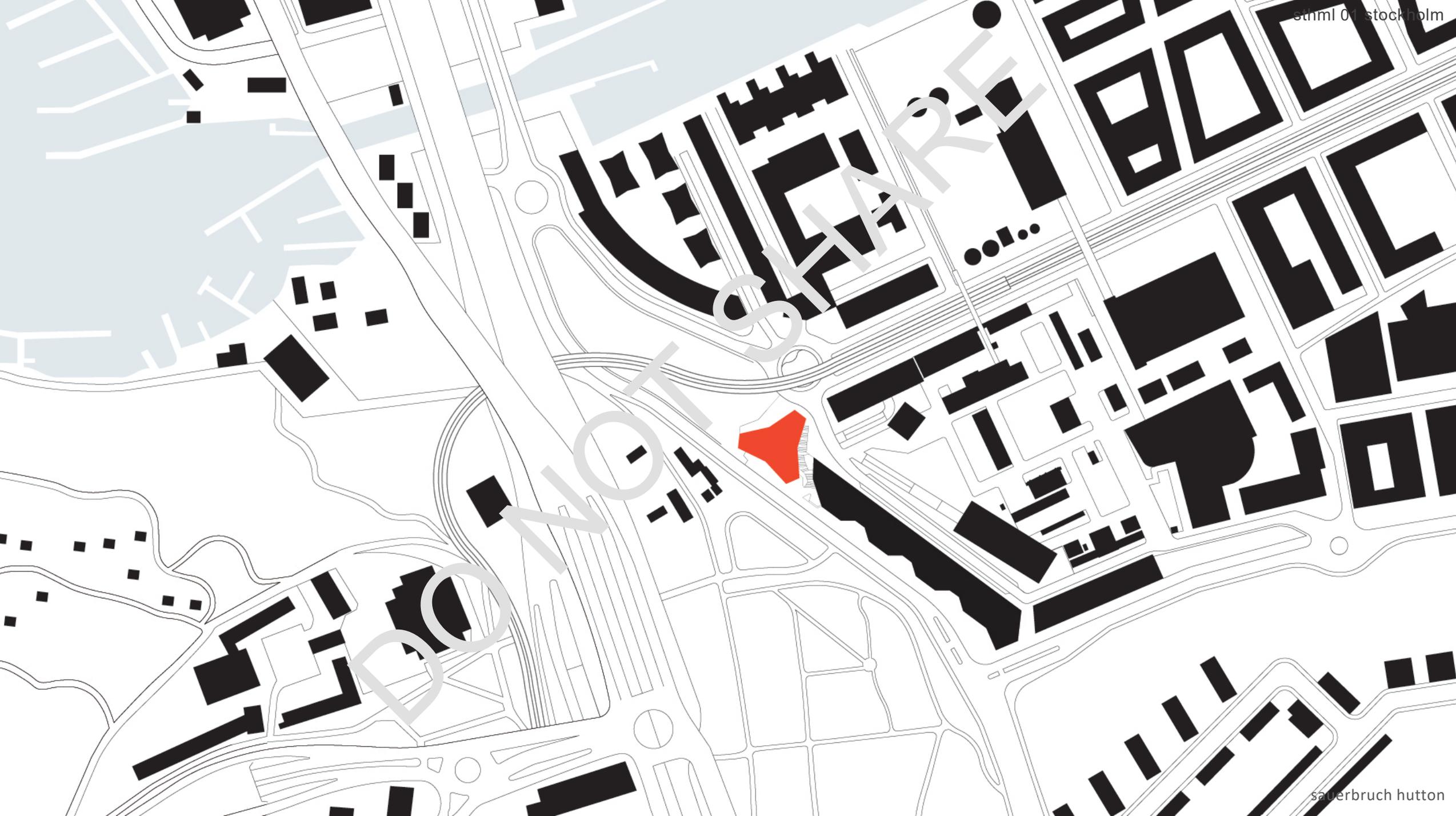


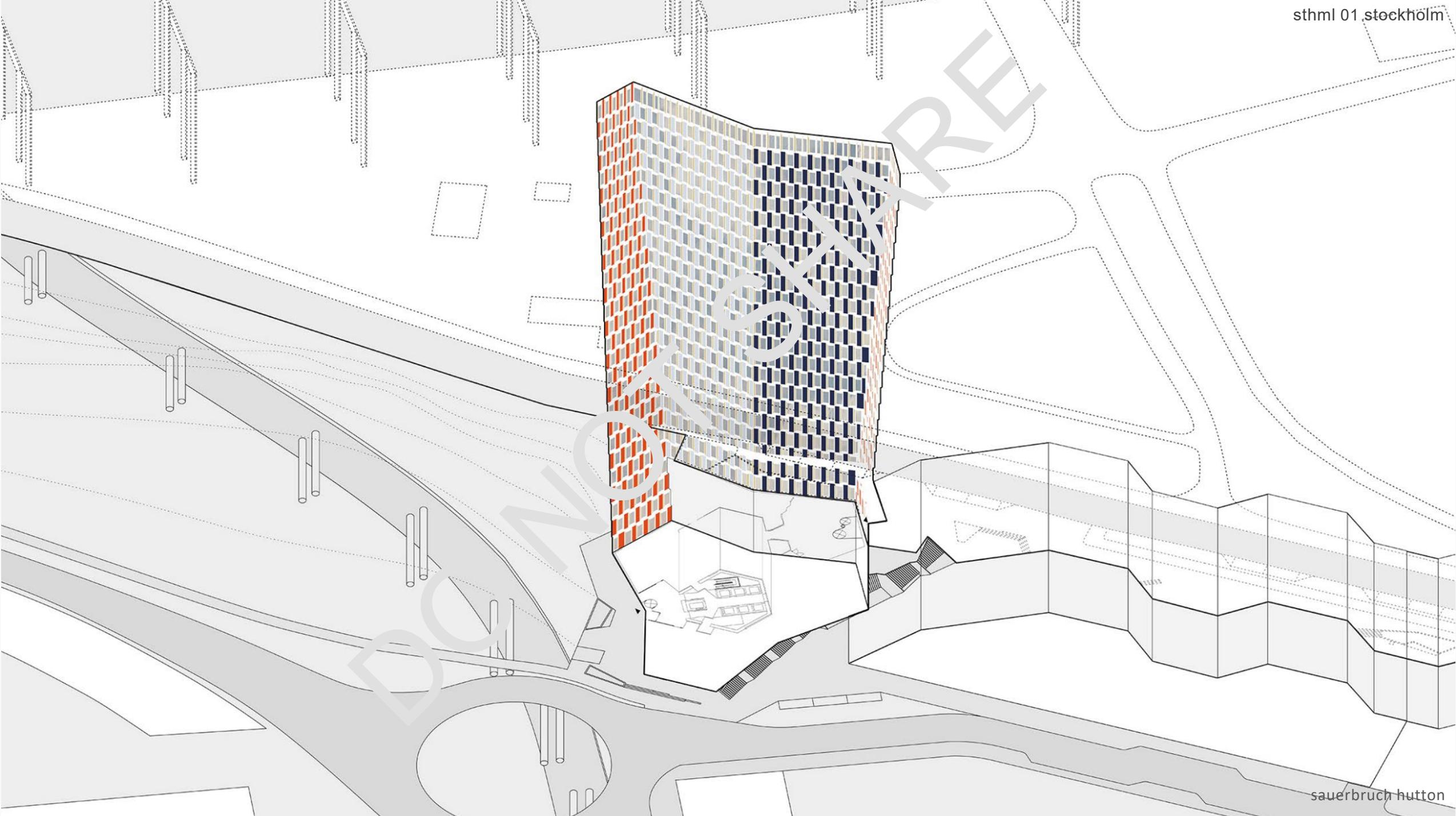


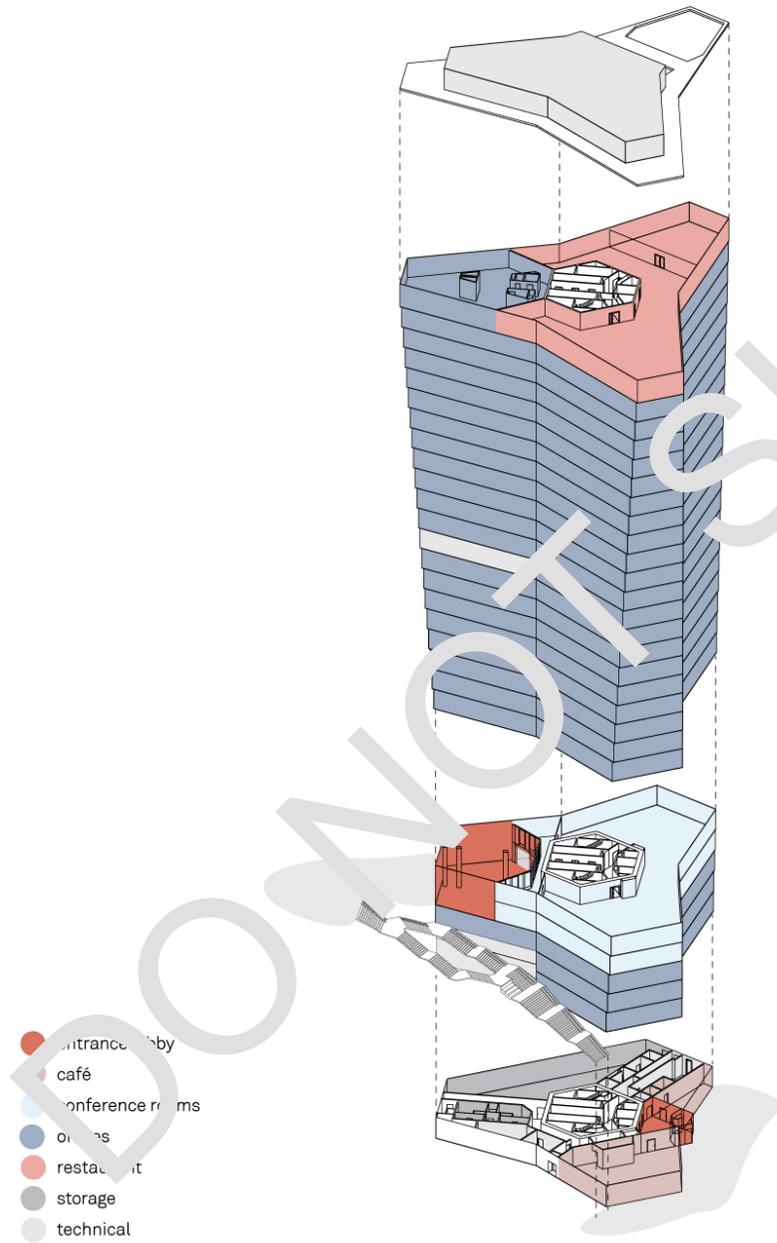
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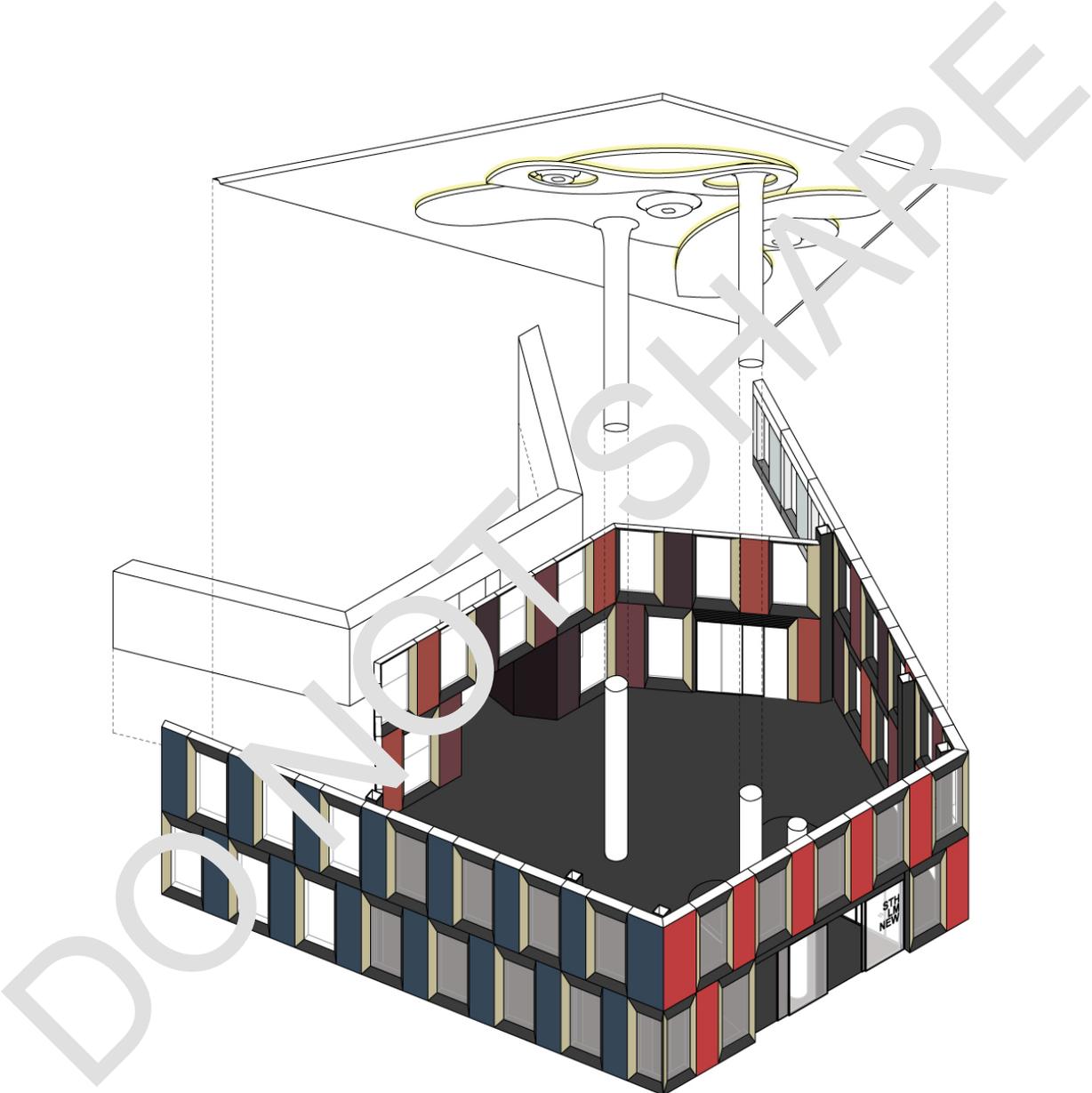


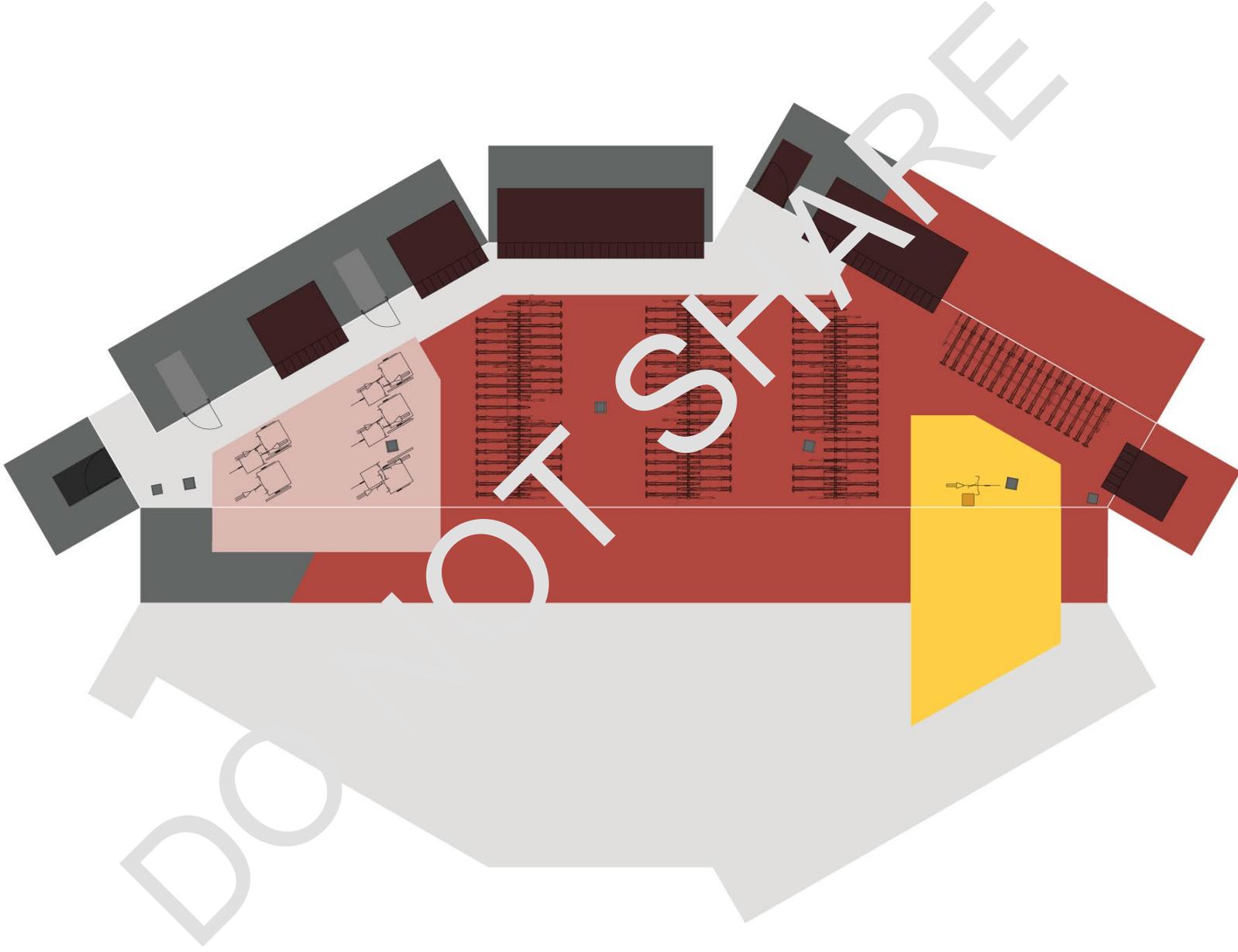




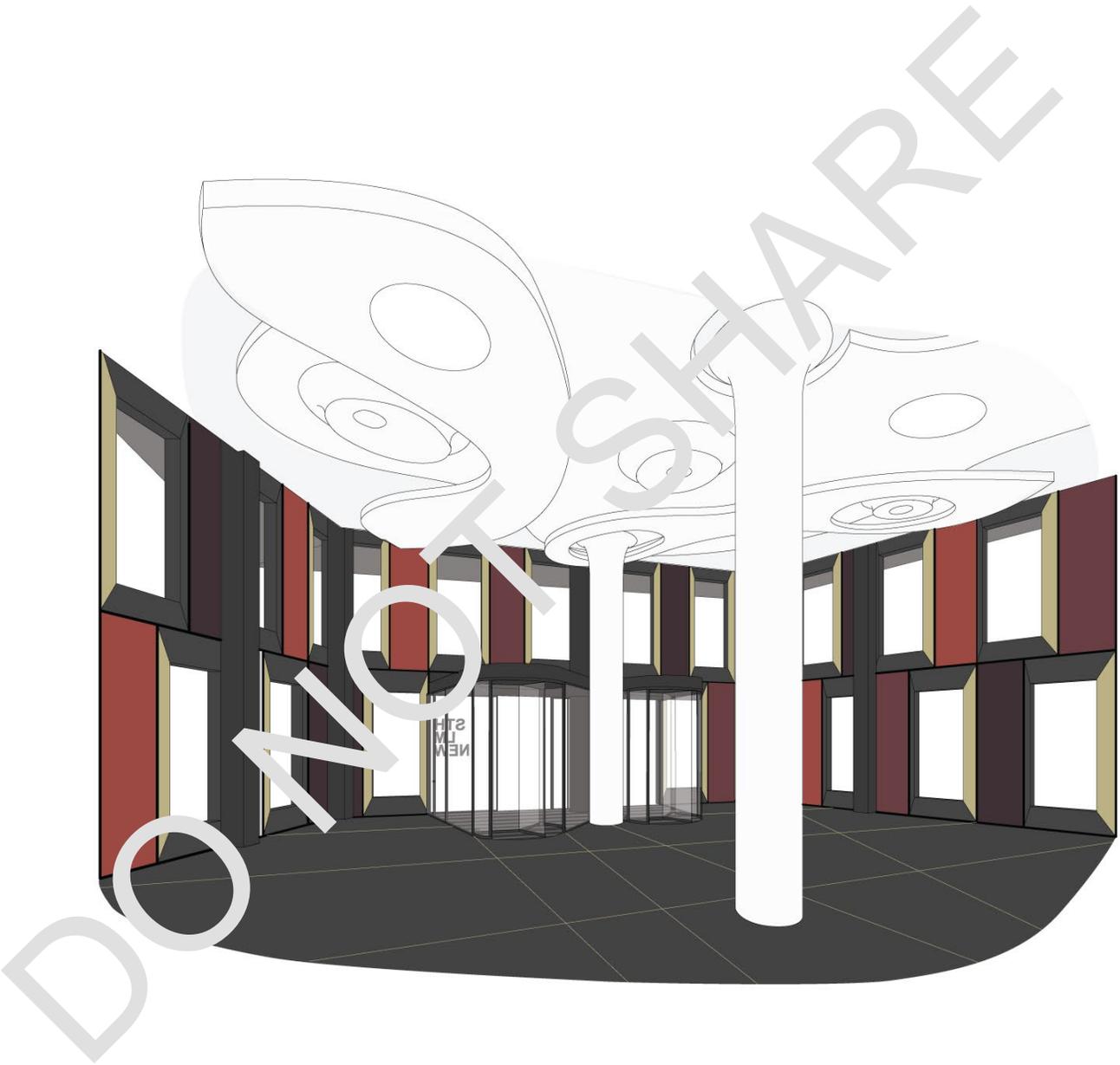


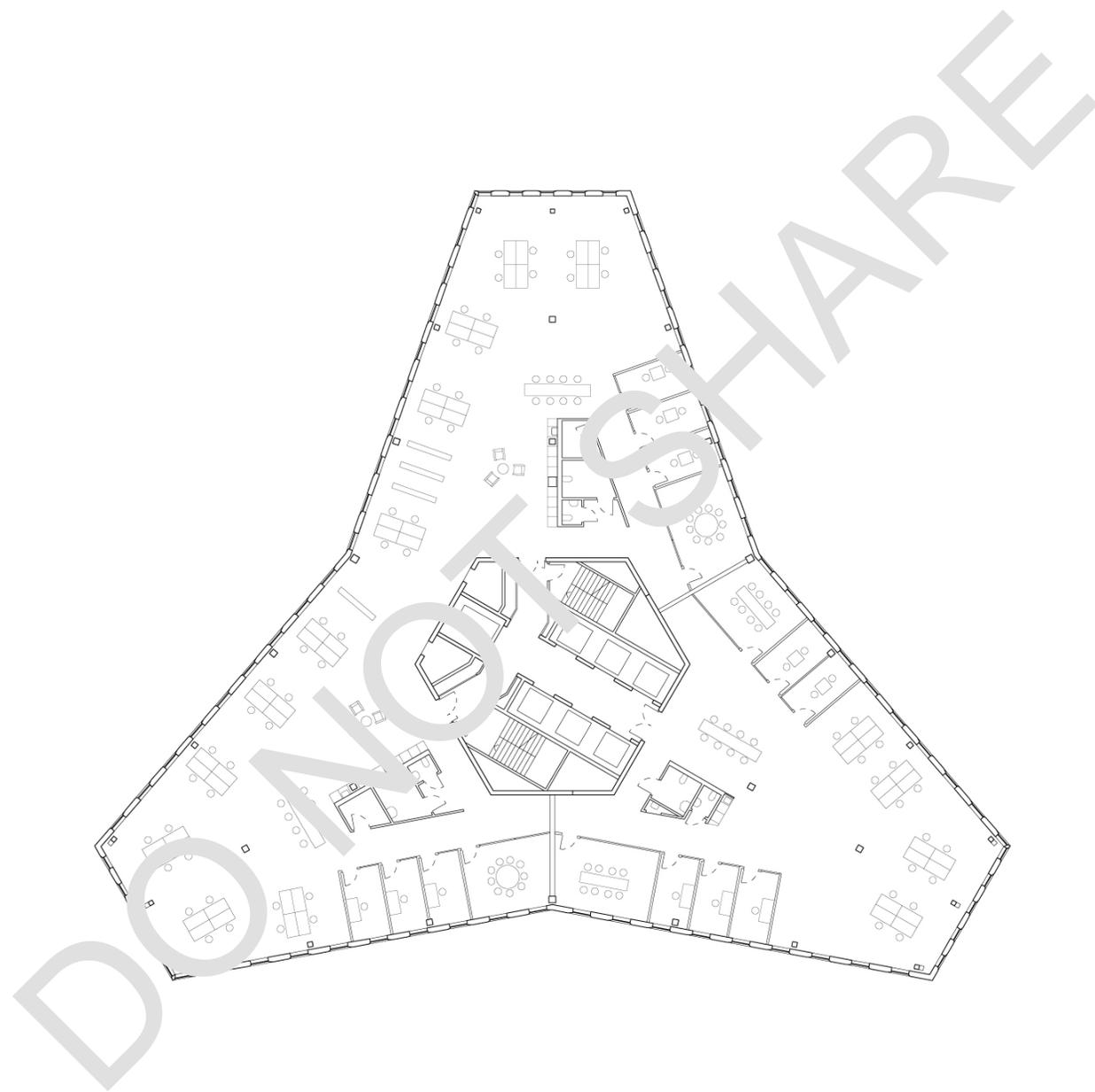


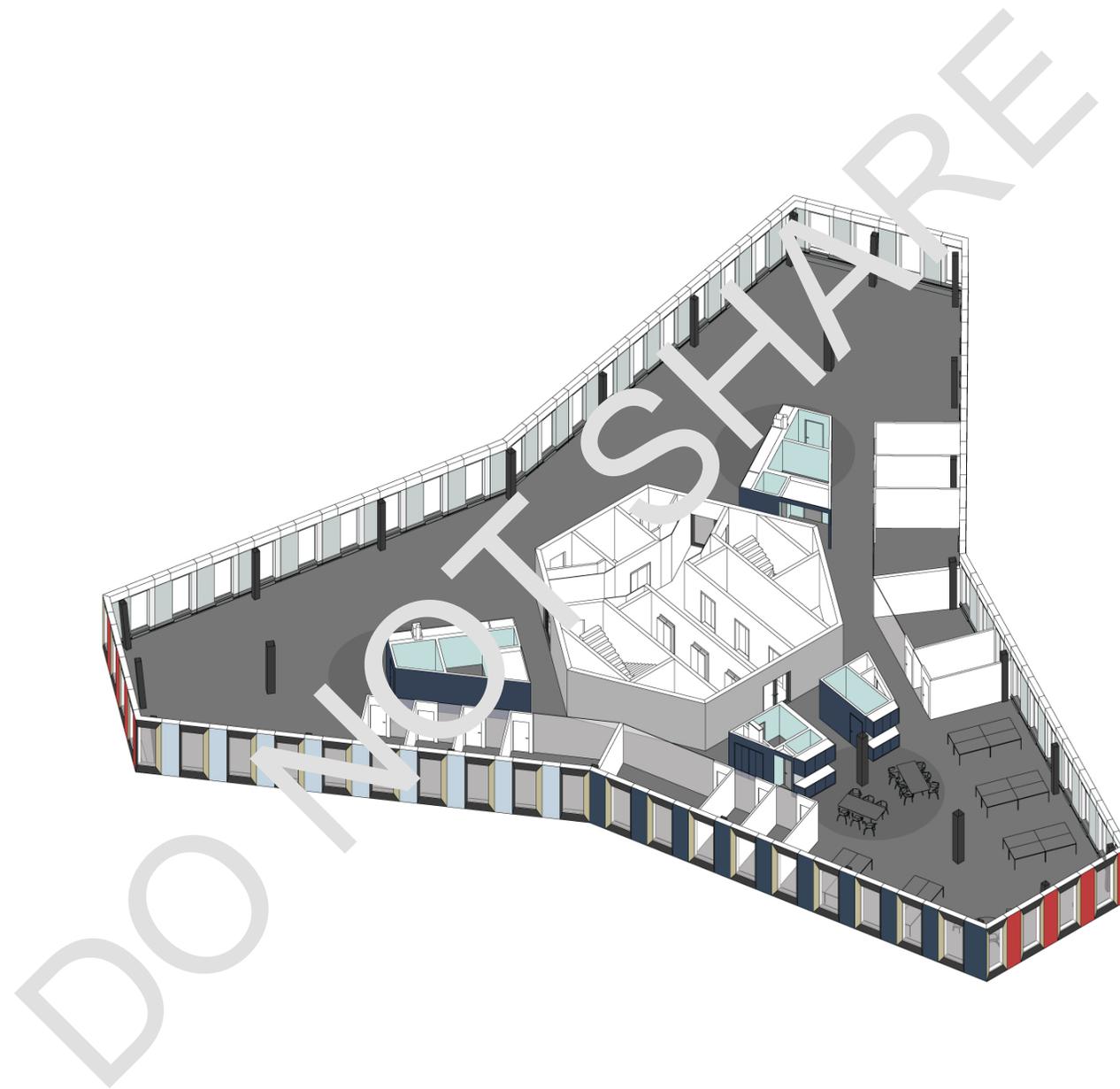


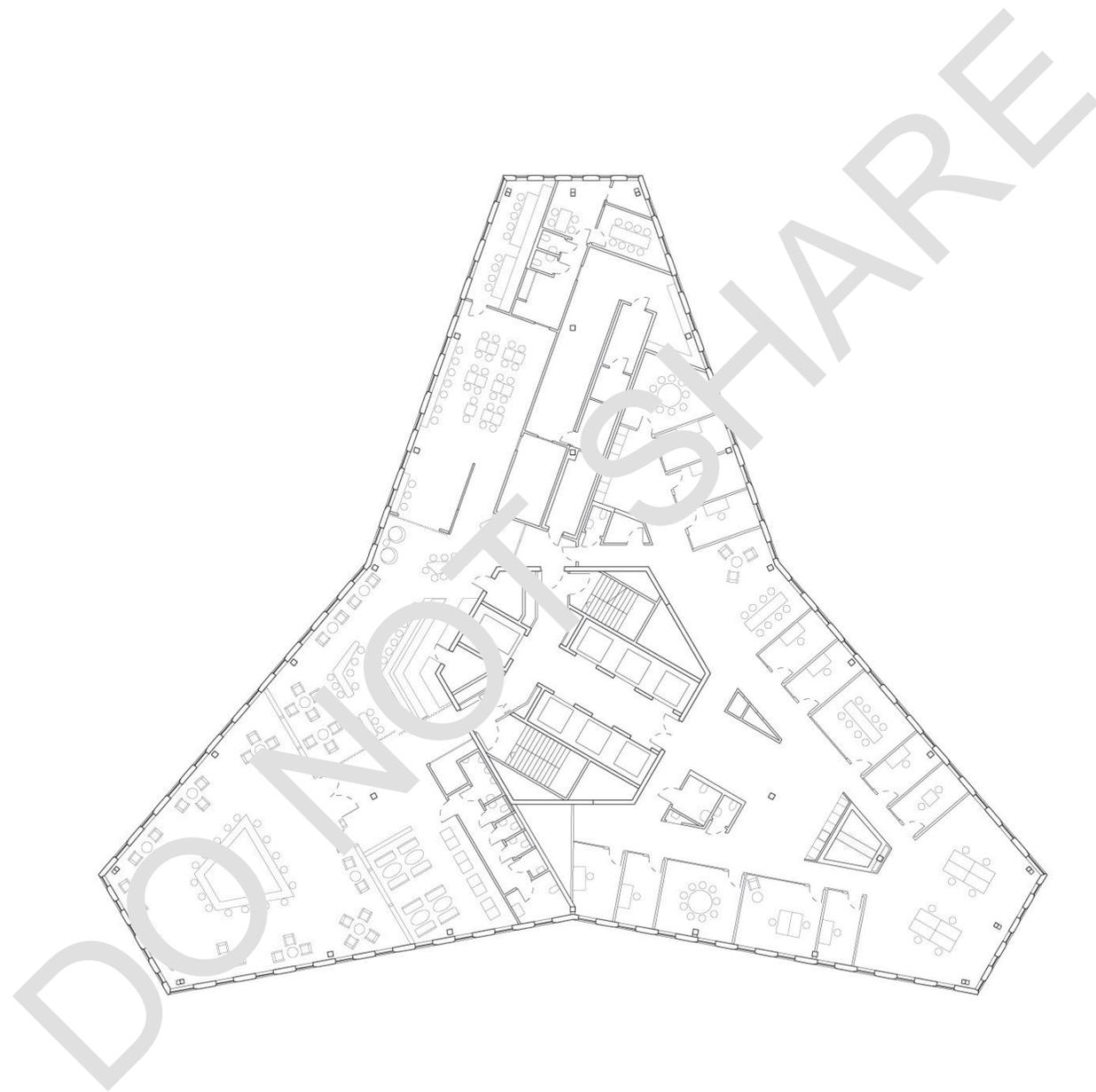


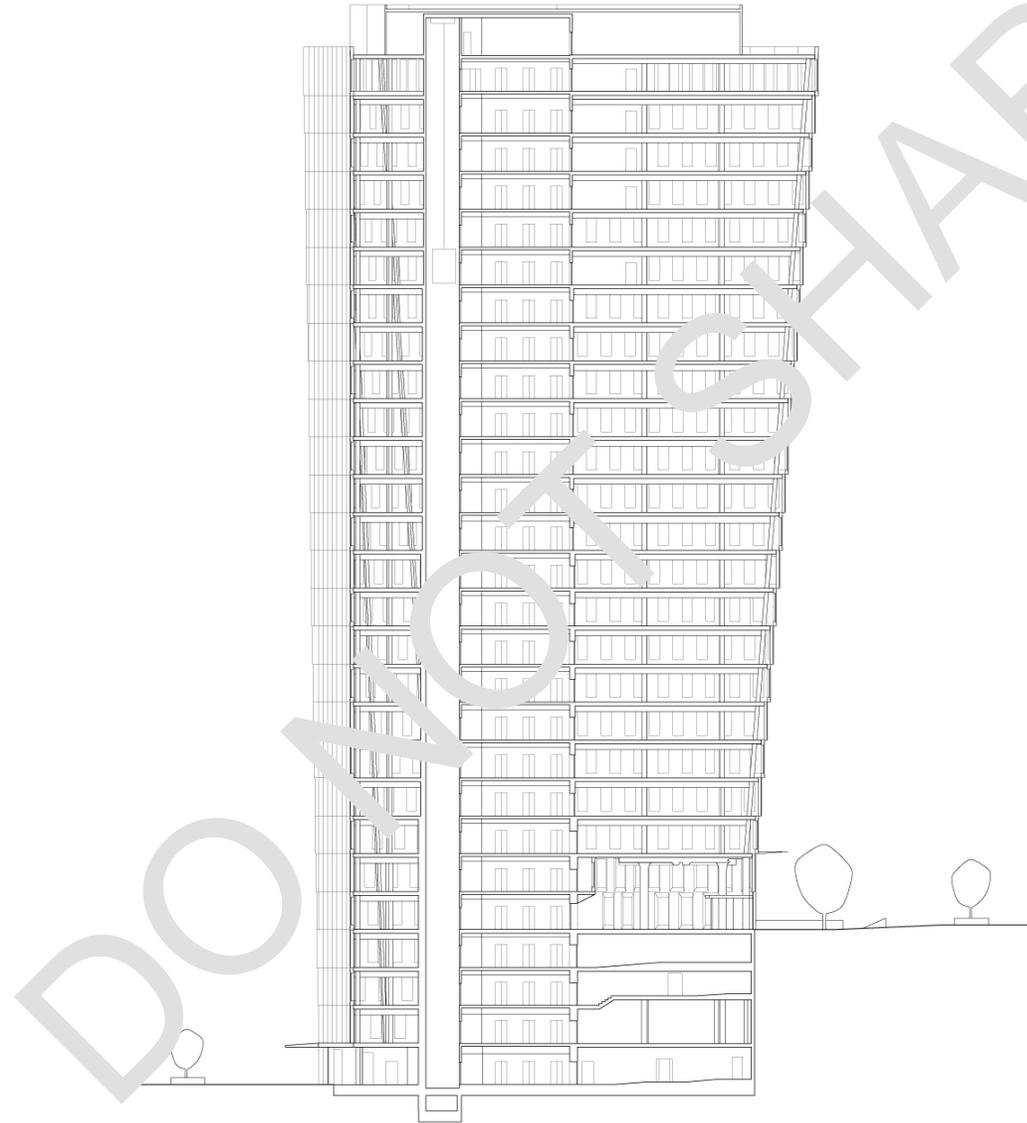


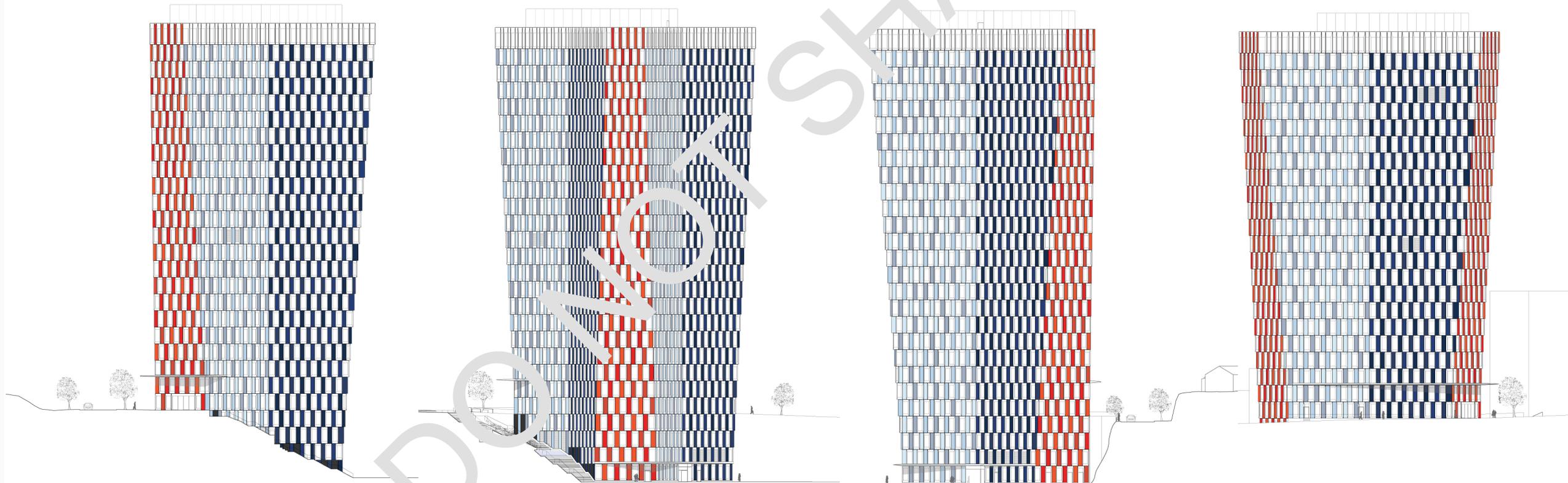














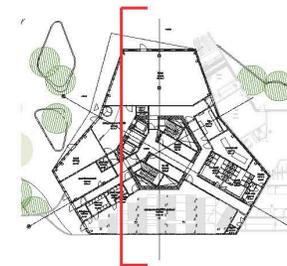
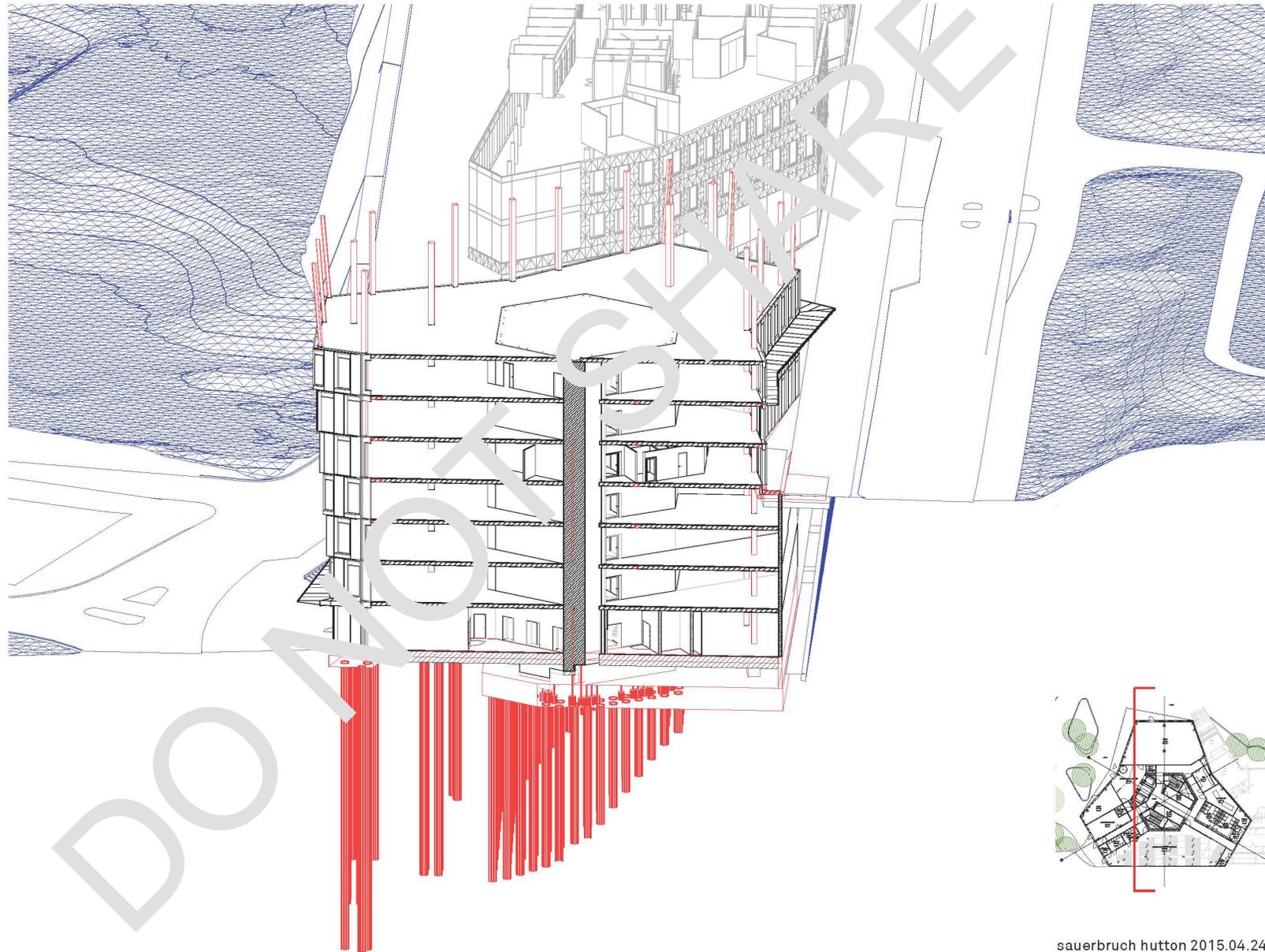
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sthlm new 1  
sektion  
retaining wall  
hammarbybacken

- hus 1\_sh
- landskap
- k\_wsp
- hus 4\_ssark



sauerbruch hutton 2015.04.24



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DOMOTUS STÅRRE



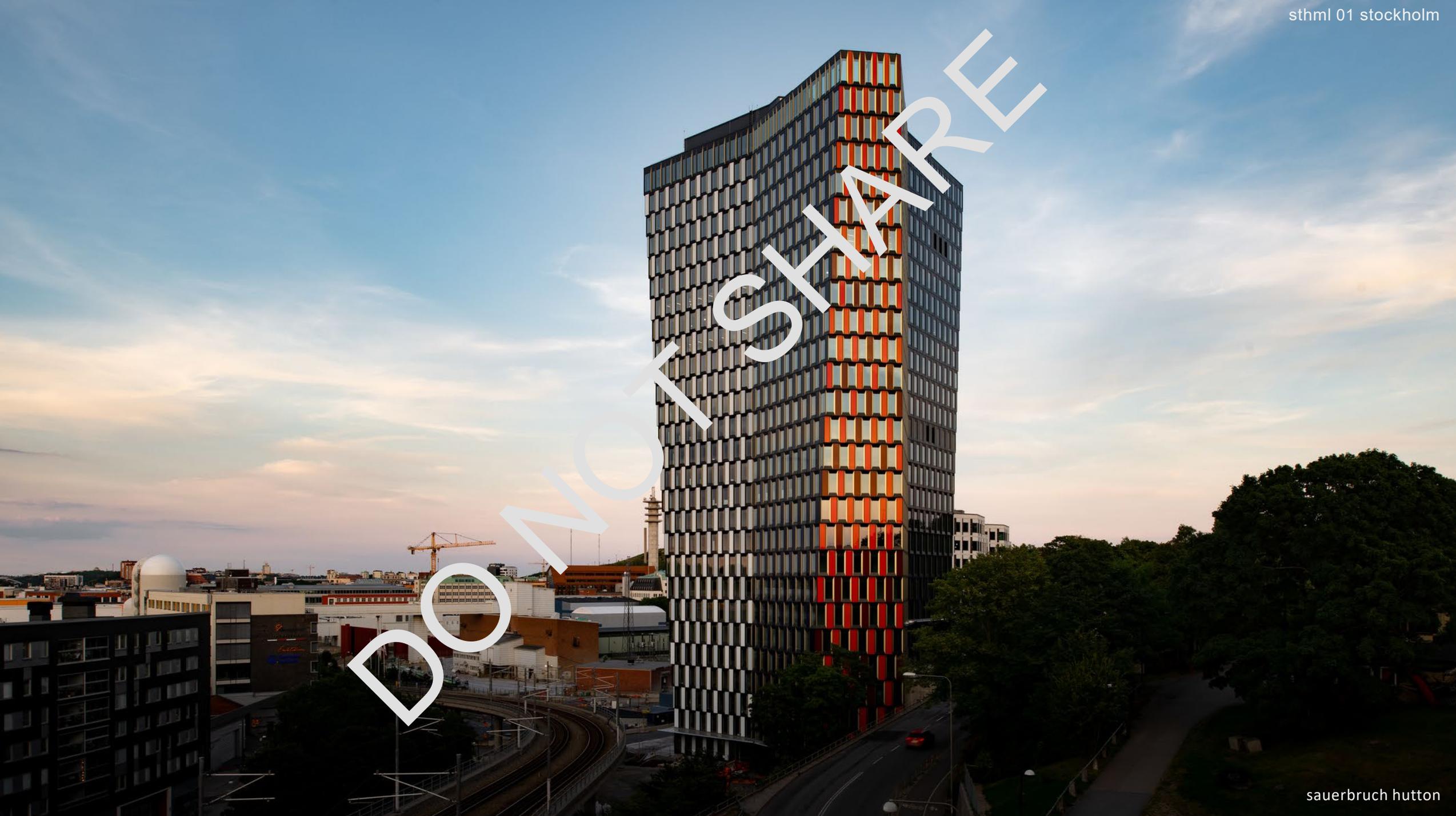
Överst: Gemensam takterrass med grö  
sauerbruch hutton





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# high-rise at alexanderplatz berlin

brief  
Office tower with residential and  
commercial building

client  
covivio Development GmbH

size  
90.200 m<sup>2</sup>

comletion  
2027

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high-rise at alexanderplatz berlin

126.00

13.20

130.00

15.80

38.00

61.00

8.00

33.00

37.70

36.70

32.50

150.00

34.00

64.00

alexanderplatz

karl-marx-allee

alexanderstrasse

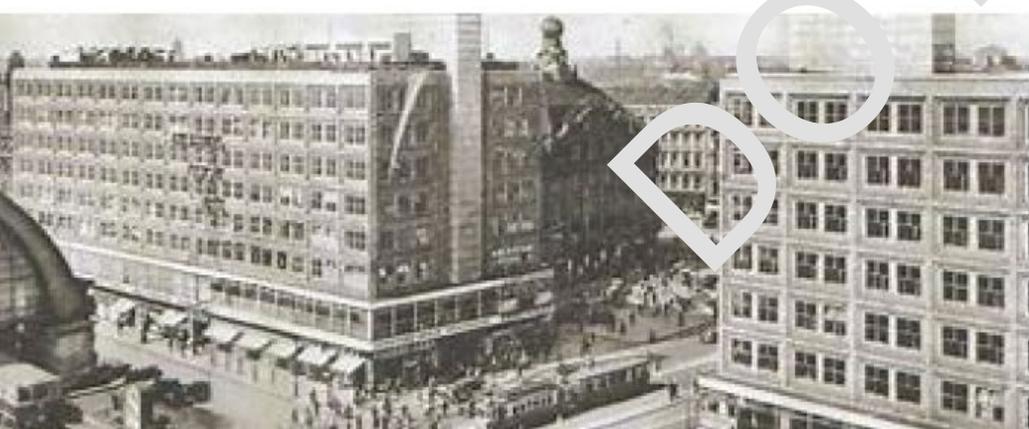
berlinstrasse

sauerbruch hutton

NOT STARR



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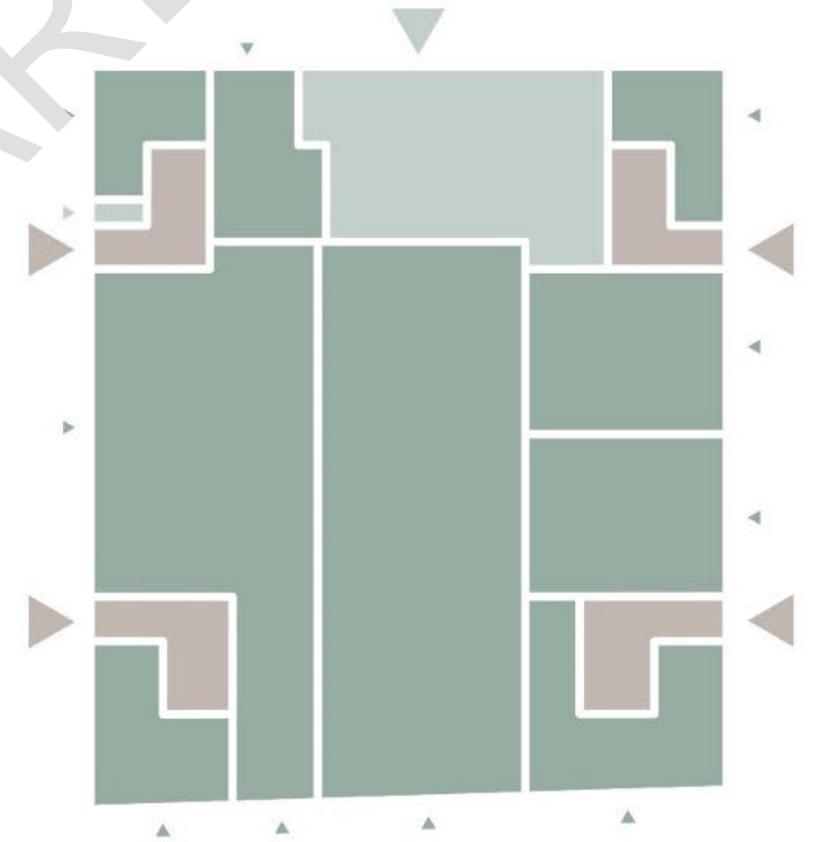
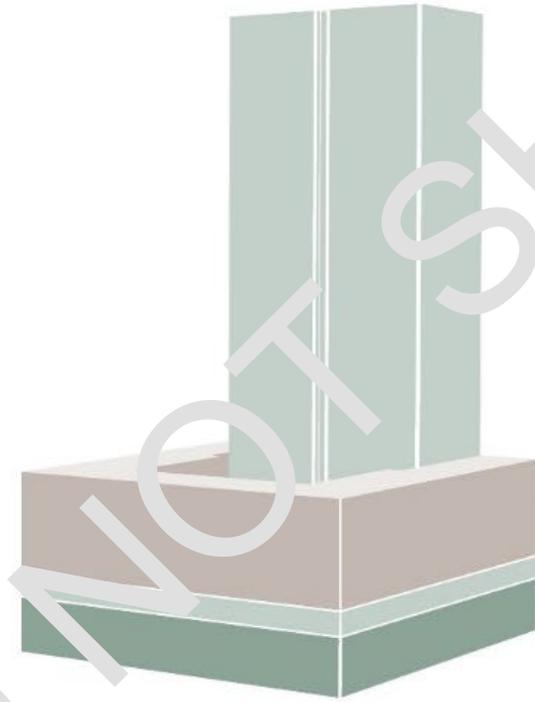
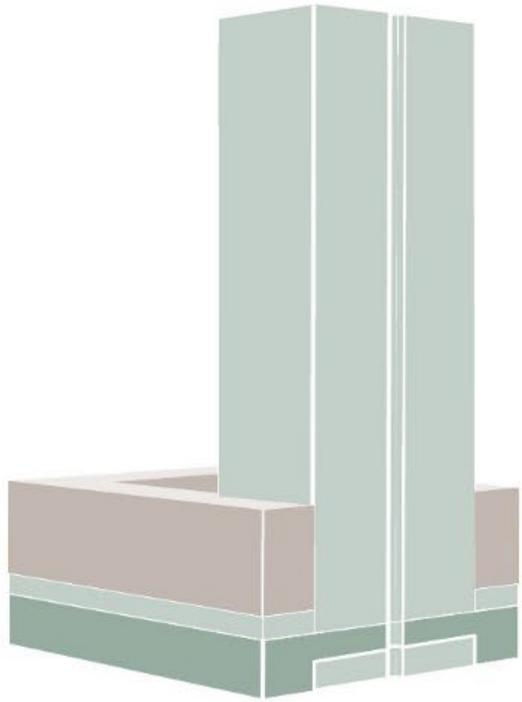


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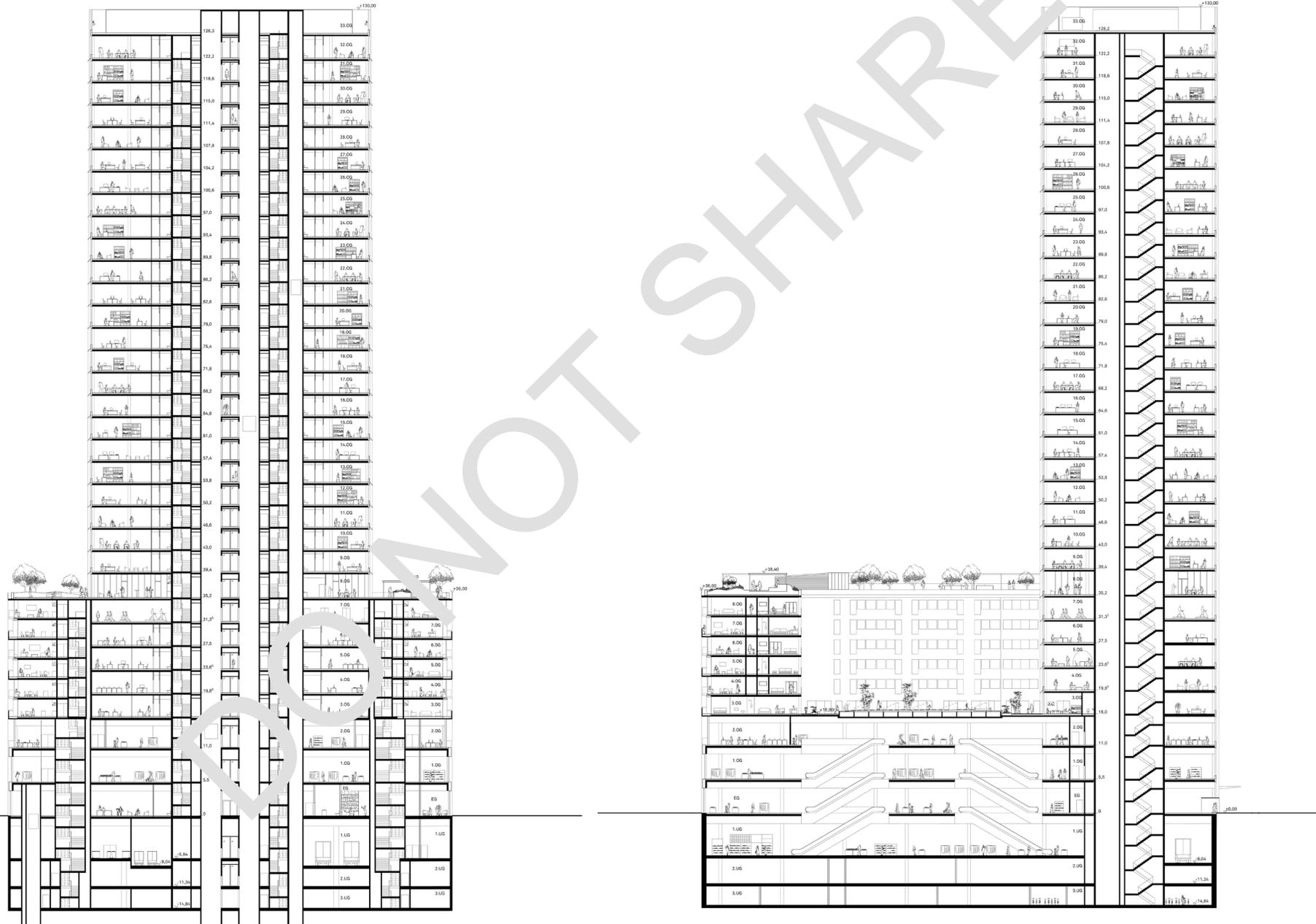
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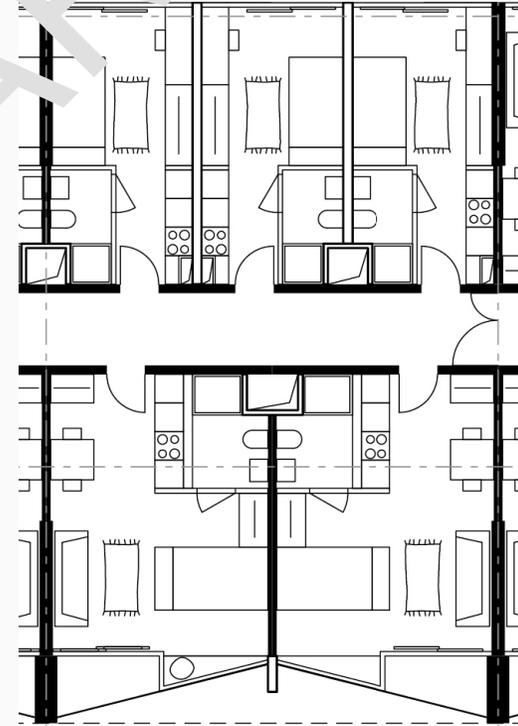
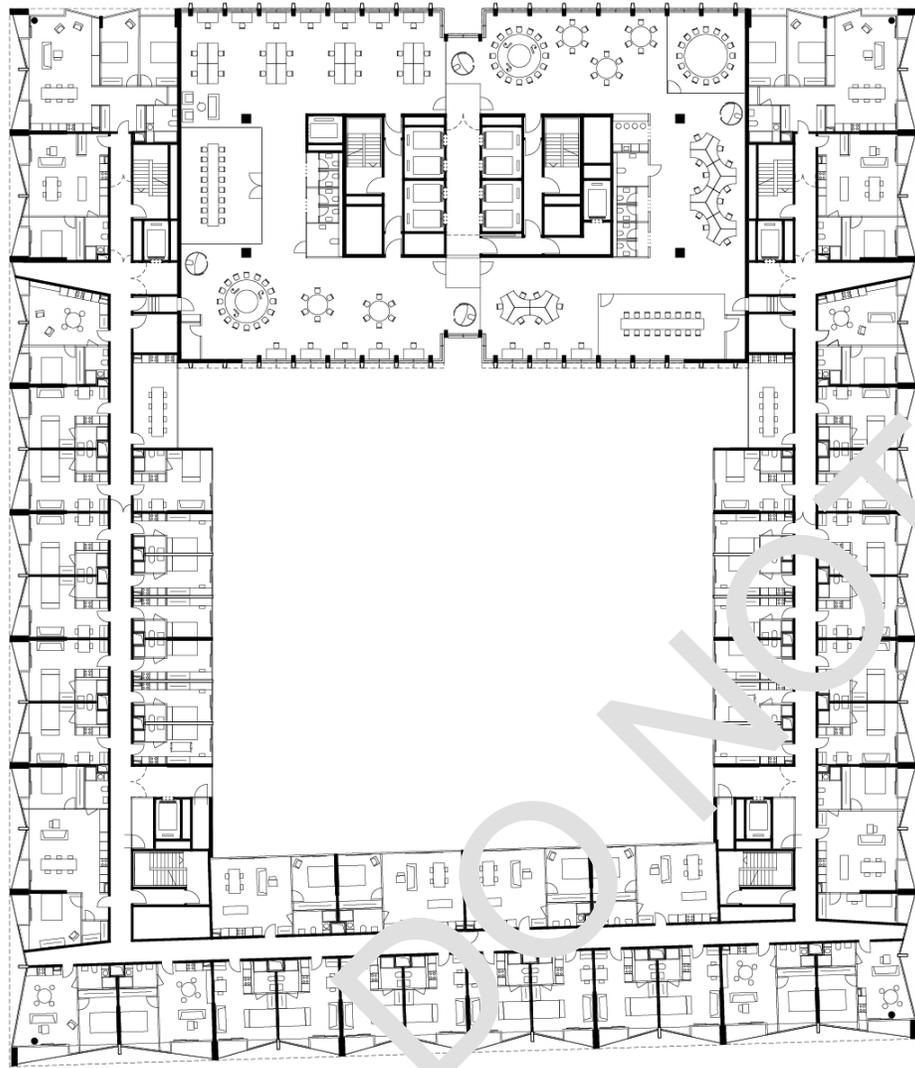


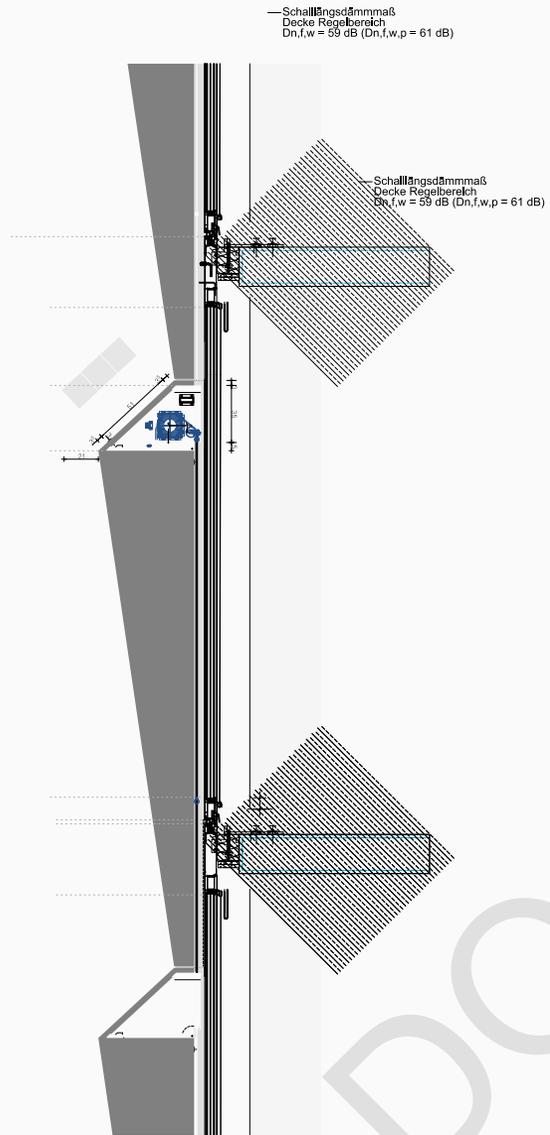


- wohnen
- büro
- gewerbe

EG









high-rise at alexanderplatz berlin

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# DO NOT STARE



# DO NOT START



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mit Parkchein oder  
Bewohnerparkausweis  
für Zone II  
Mo-Fr 7-20h  
Sa 7-20h



panorama  
constance

brief  
Exhibition space for a historical city  
panorama designed by Yadegar  
Asisi, restaurant with roof terrace

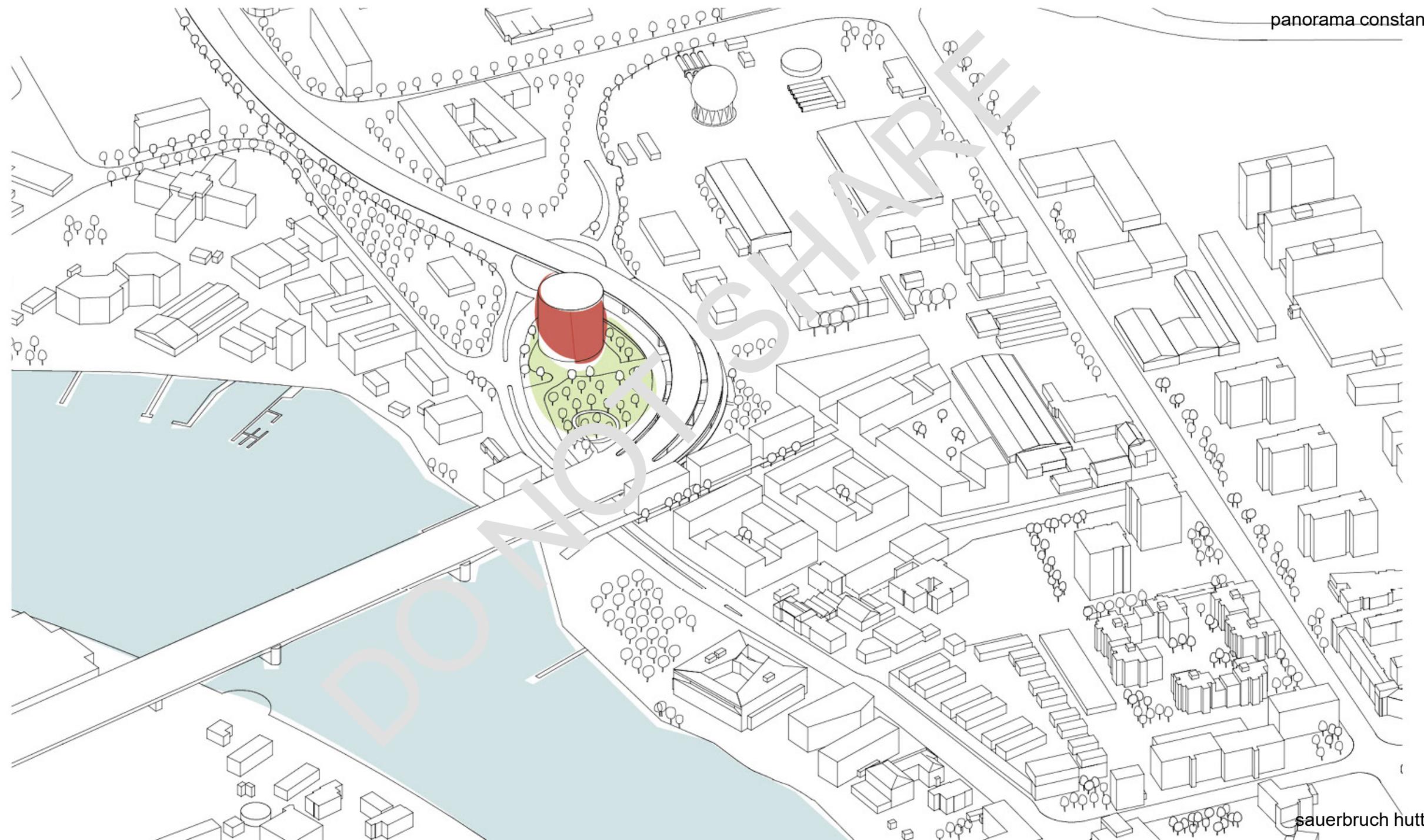
client  
Panorama Konstanz GmbH & Co.  
KG

size  
6,650 m<sup>2</sup>

completion  
2025

sauerbruch hutton





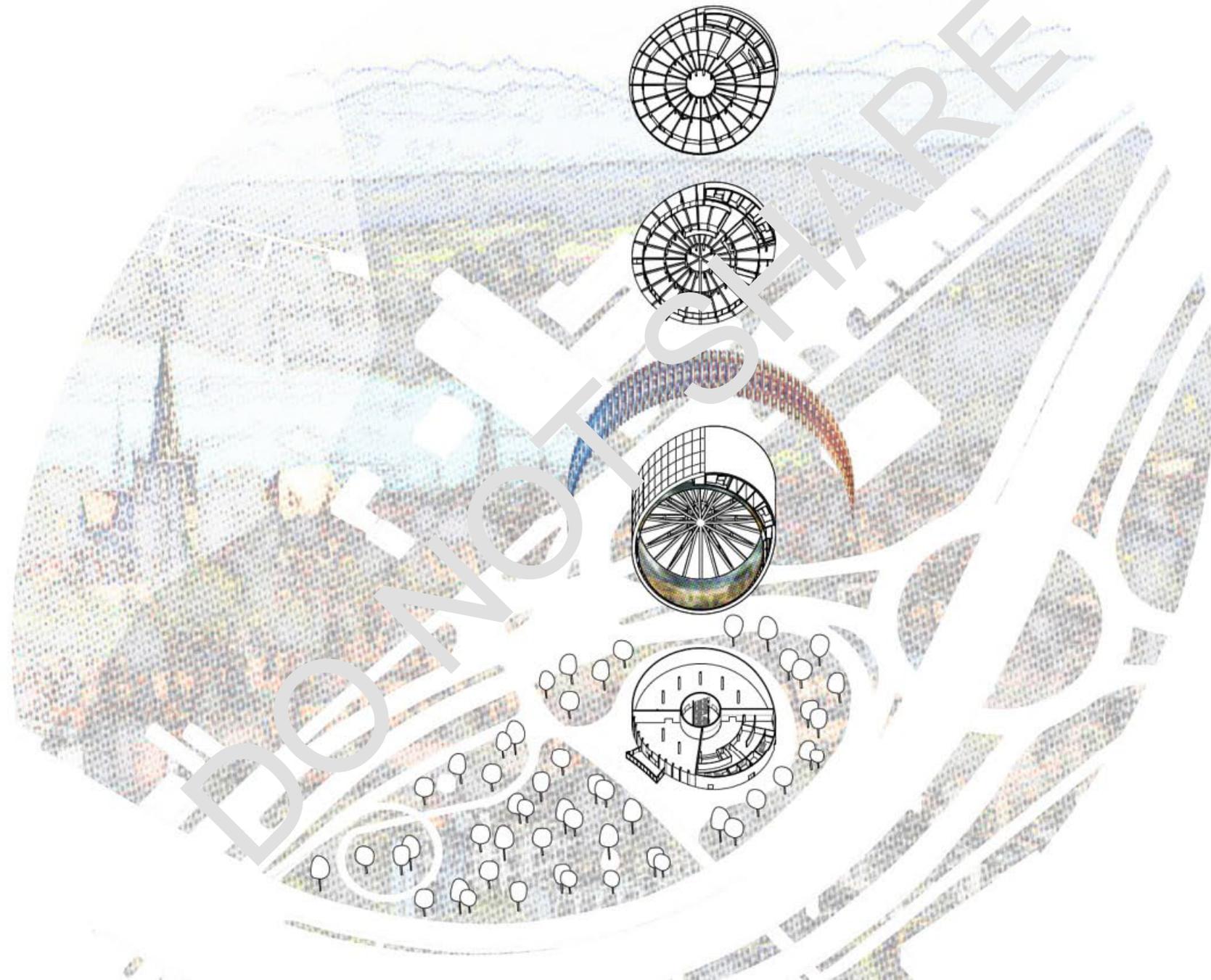
DO NOT SEARCH



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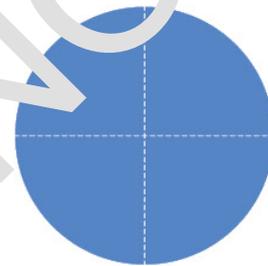




# panorama

Concrete structure

Timber structure



100 %

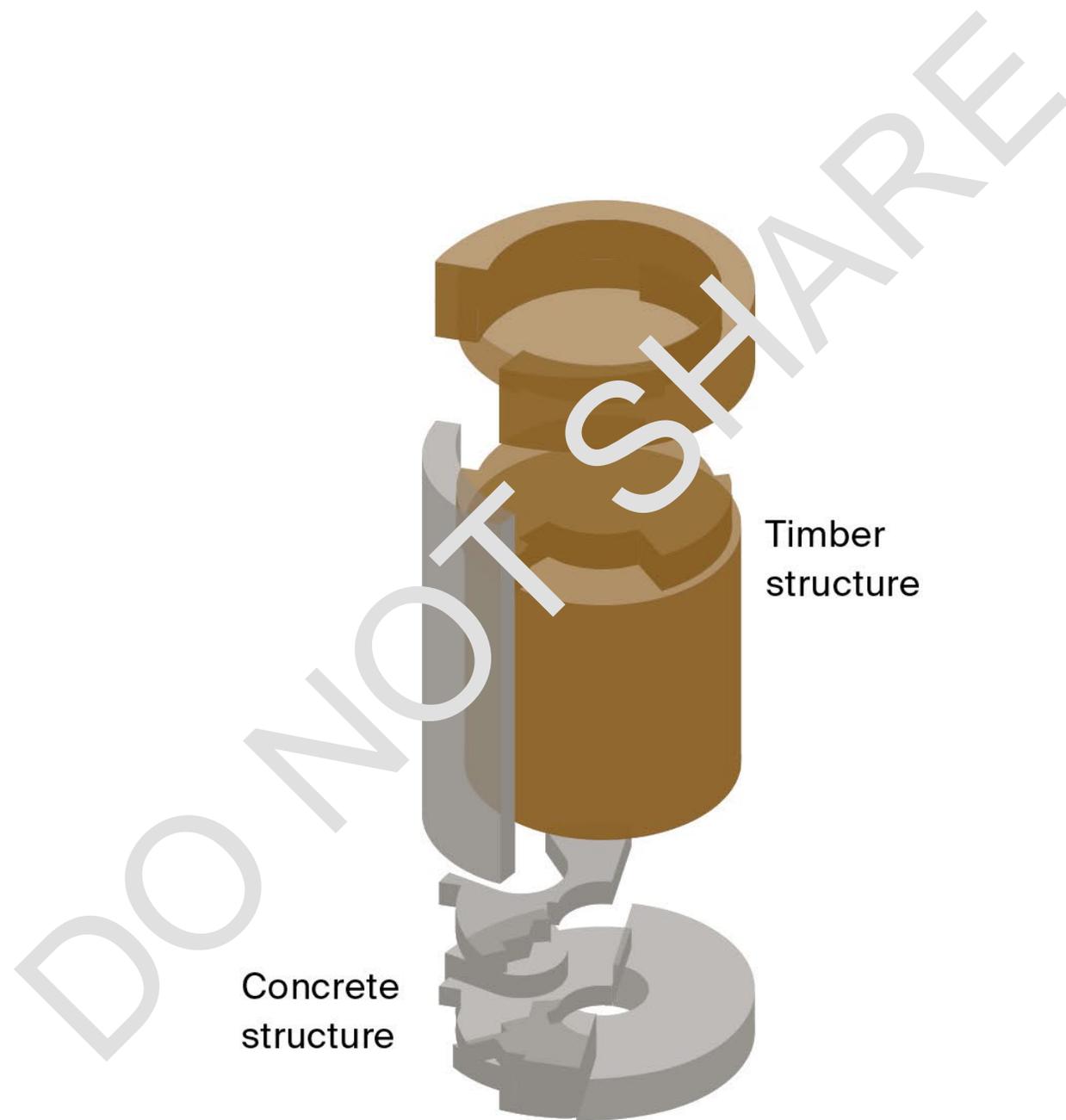


60\* %

CO2 emission

\* CO2 sequestration exceeds CO2 emissions.

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Timber  
structure

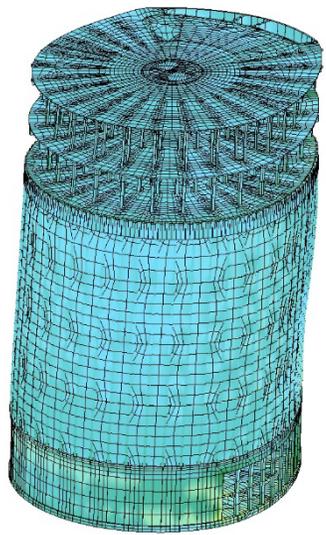
Concrete  
structure



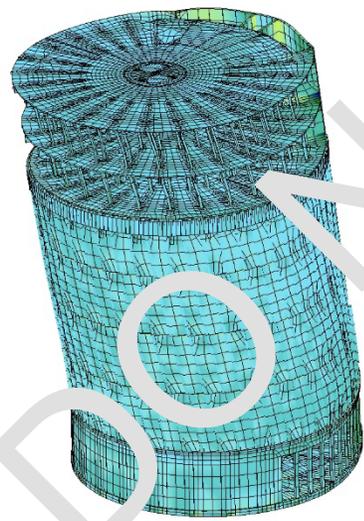
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timber model in early stage from timber producer

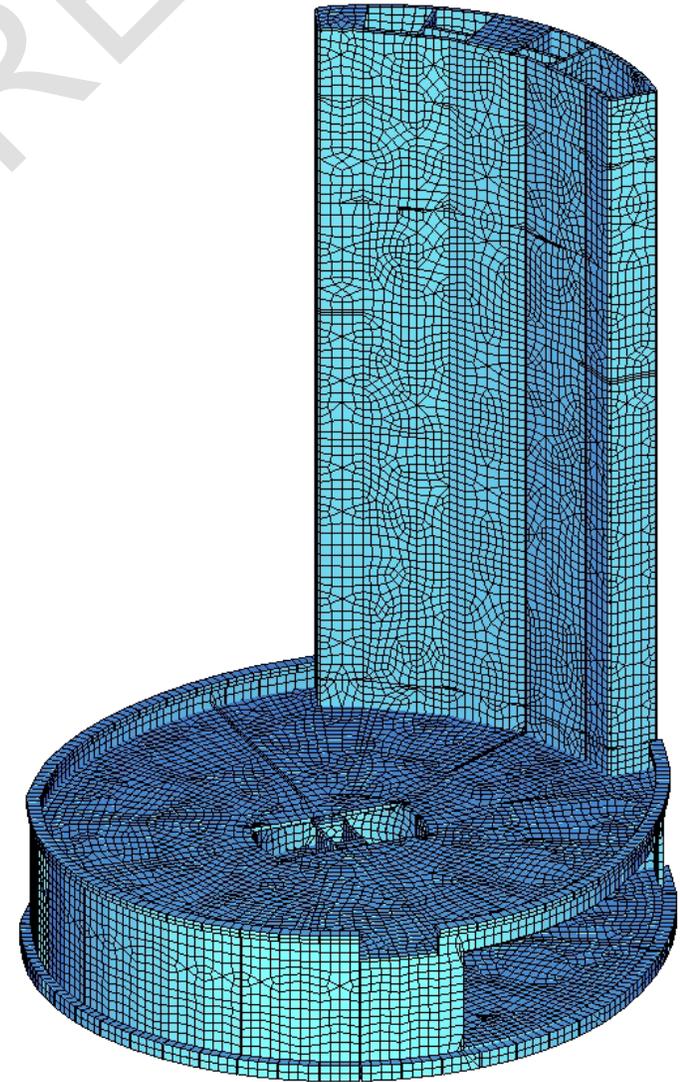
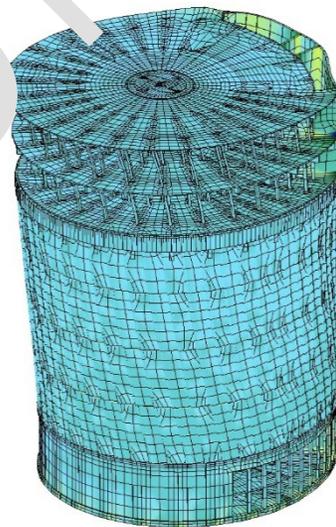
1<sup>st</sup> dynamic mode  
(0.551 Hz)



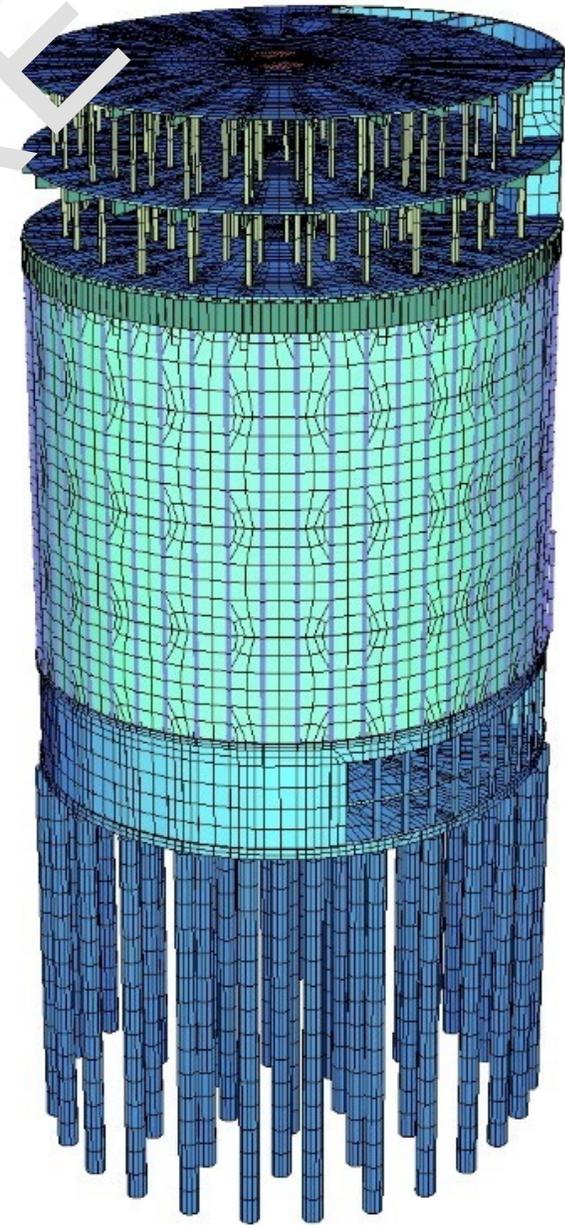
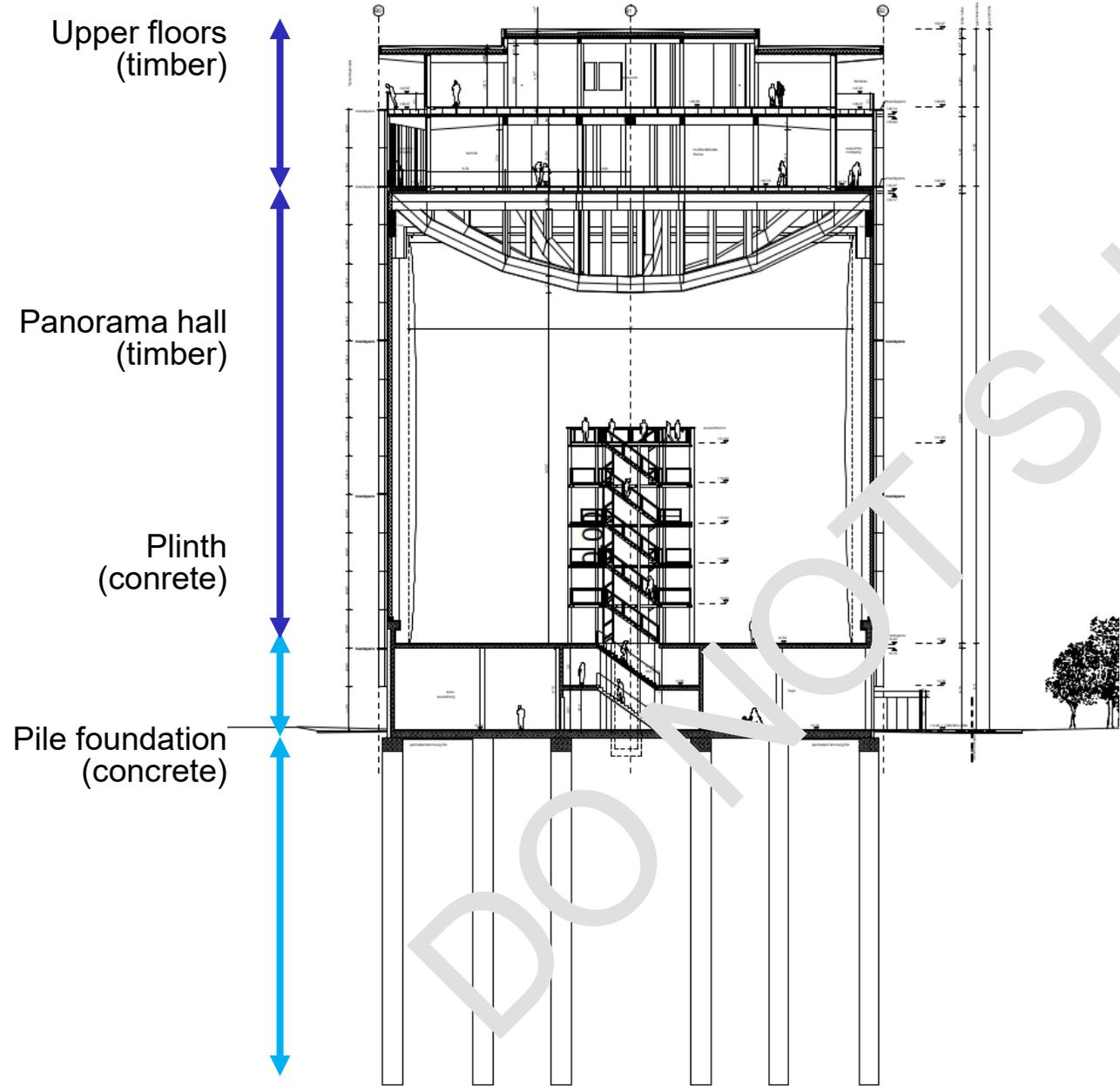
2<sup>nd</sup> dynamic mode  
(0.727 Hz)

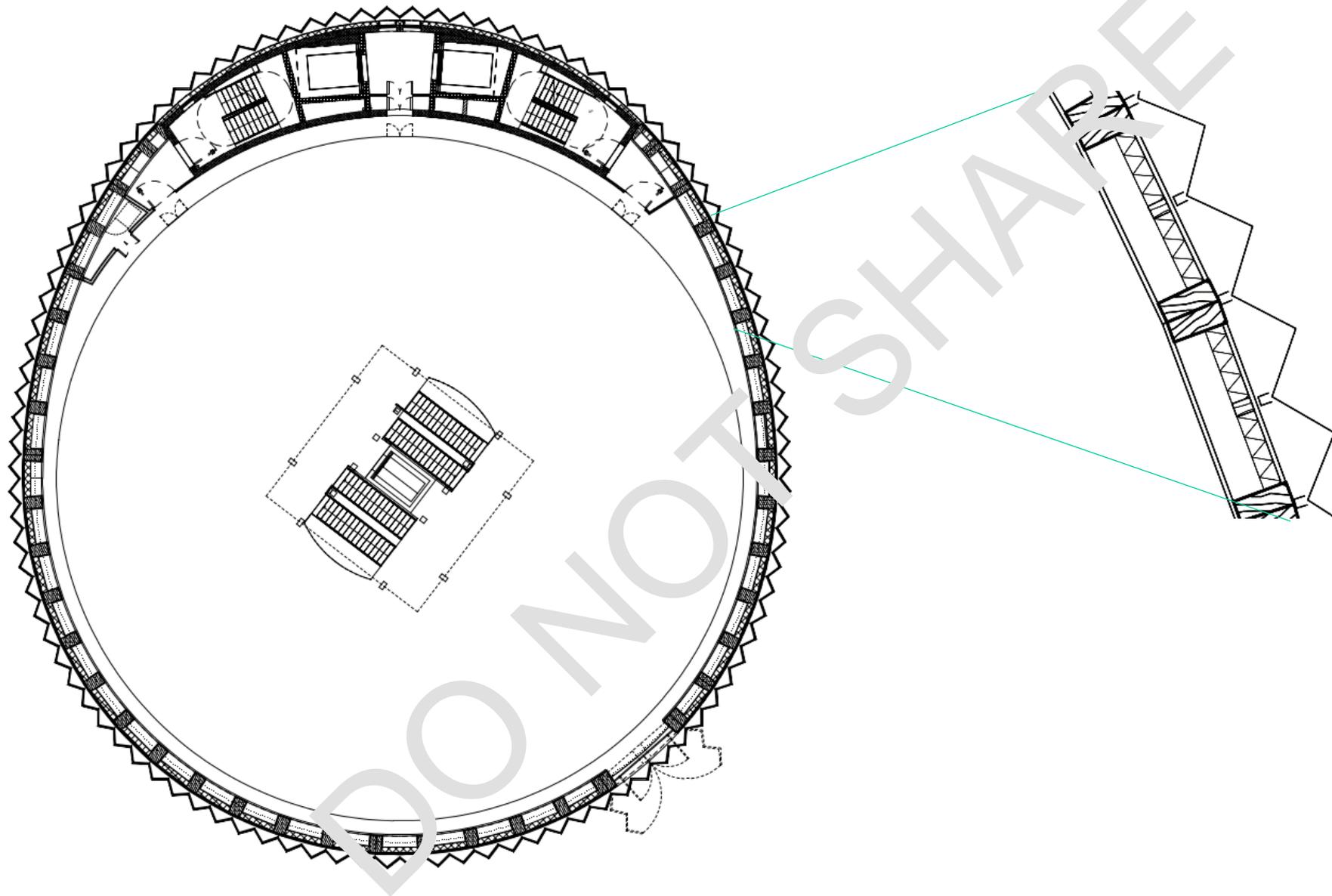


3<sup>rd</sup> dynamic mode  
(1.136 Hz)



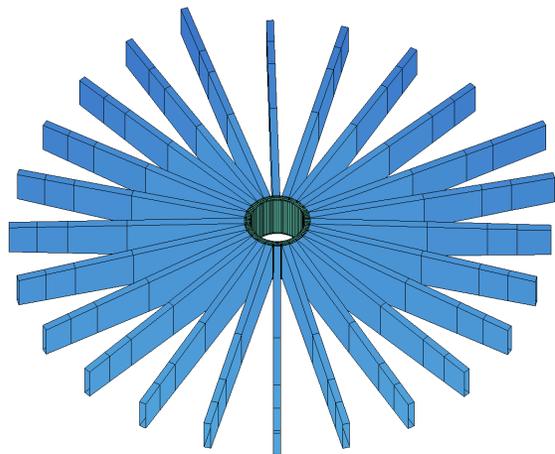
**Seismic analysis**



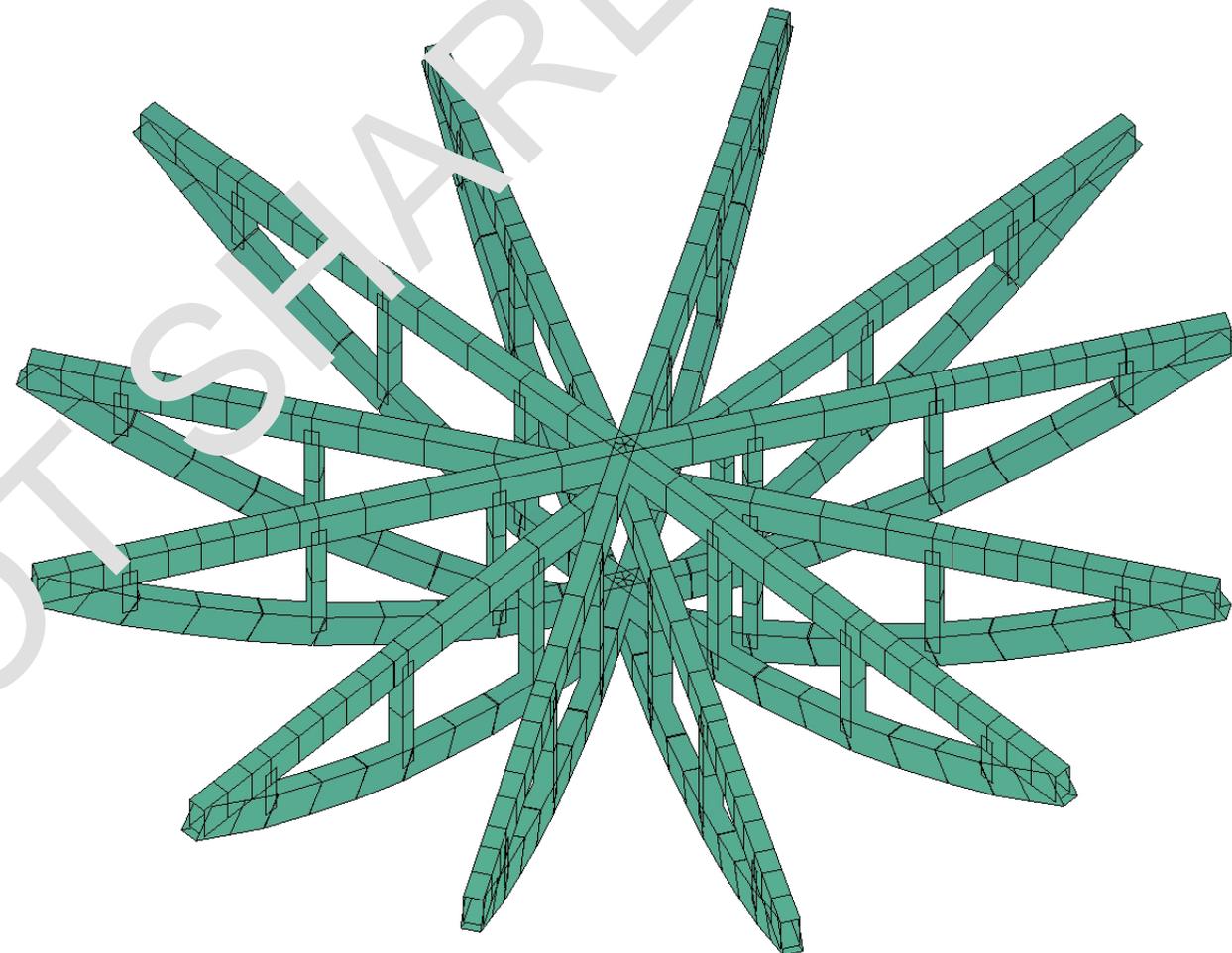


**Timber construction concept for cylinder structure**

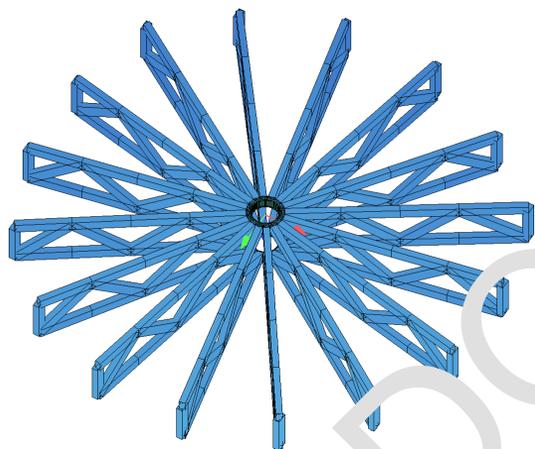
Initial concept (radial gluelam beams)



Final solution (understung radial beams)



Initial concept (radial timber trusses)



Structural concept for panorama slab

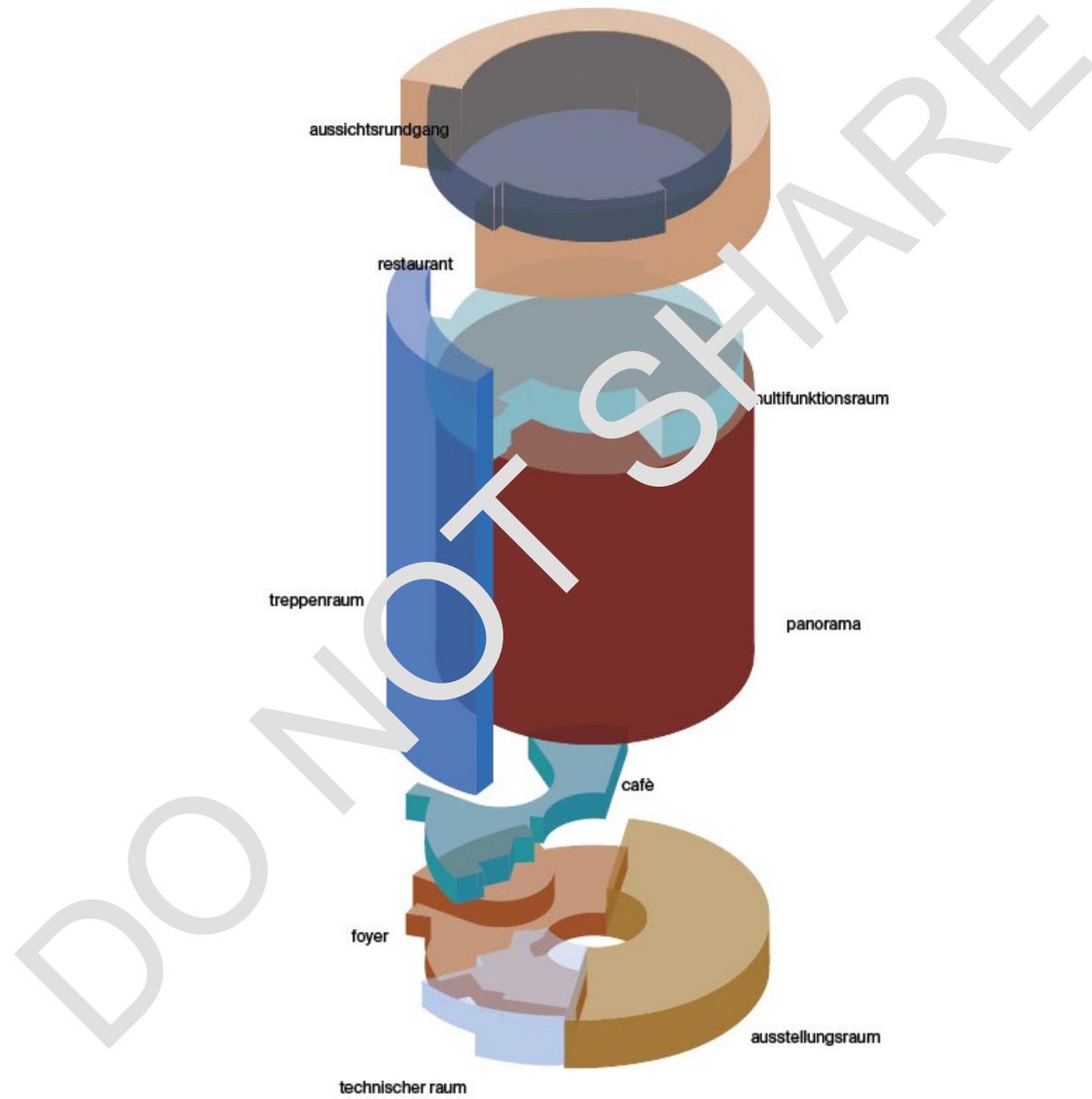
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PROJEKT STÄTTE





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ANORAMA  
ONSTANZ

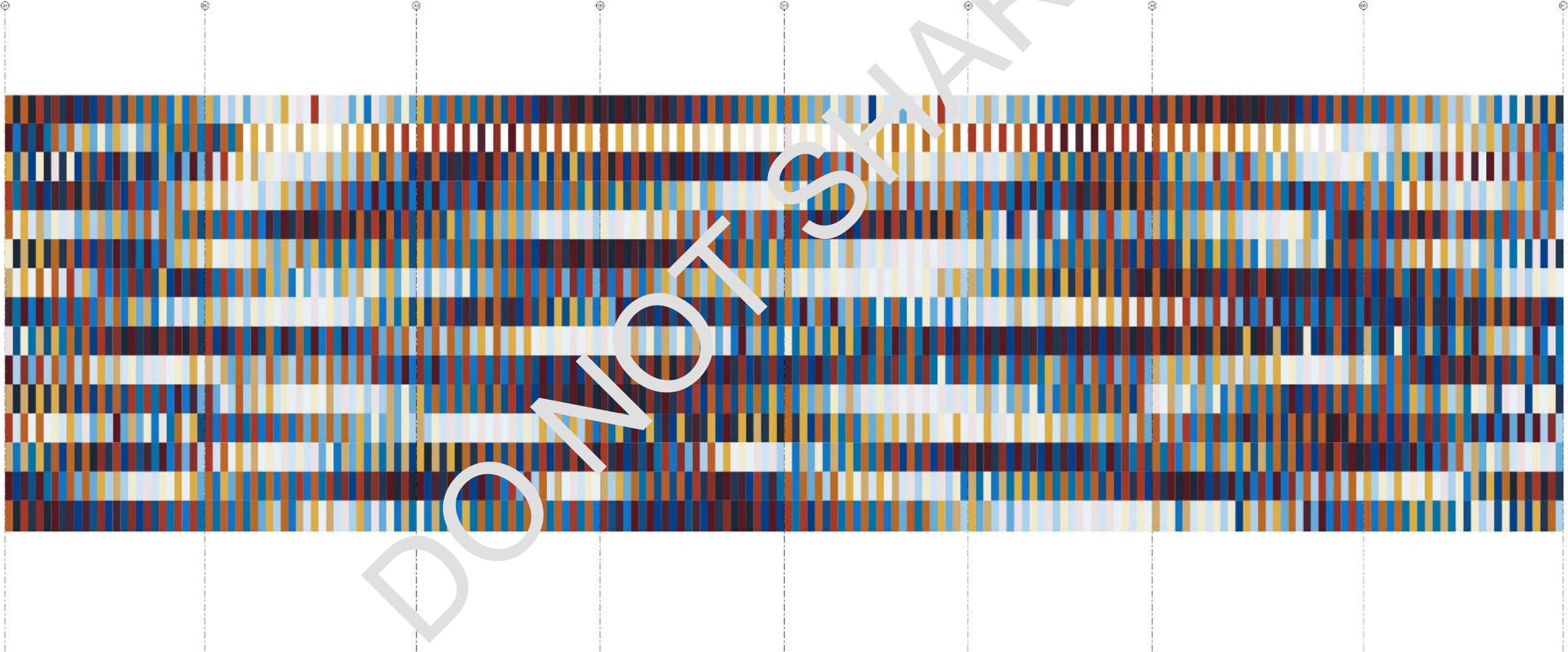


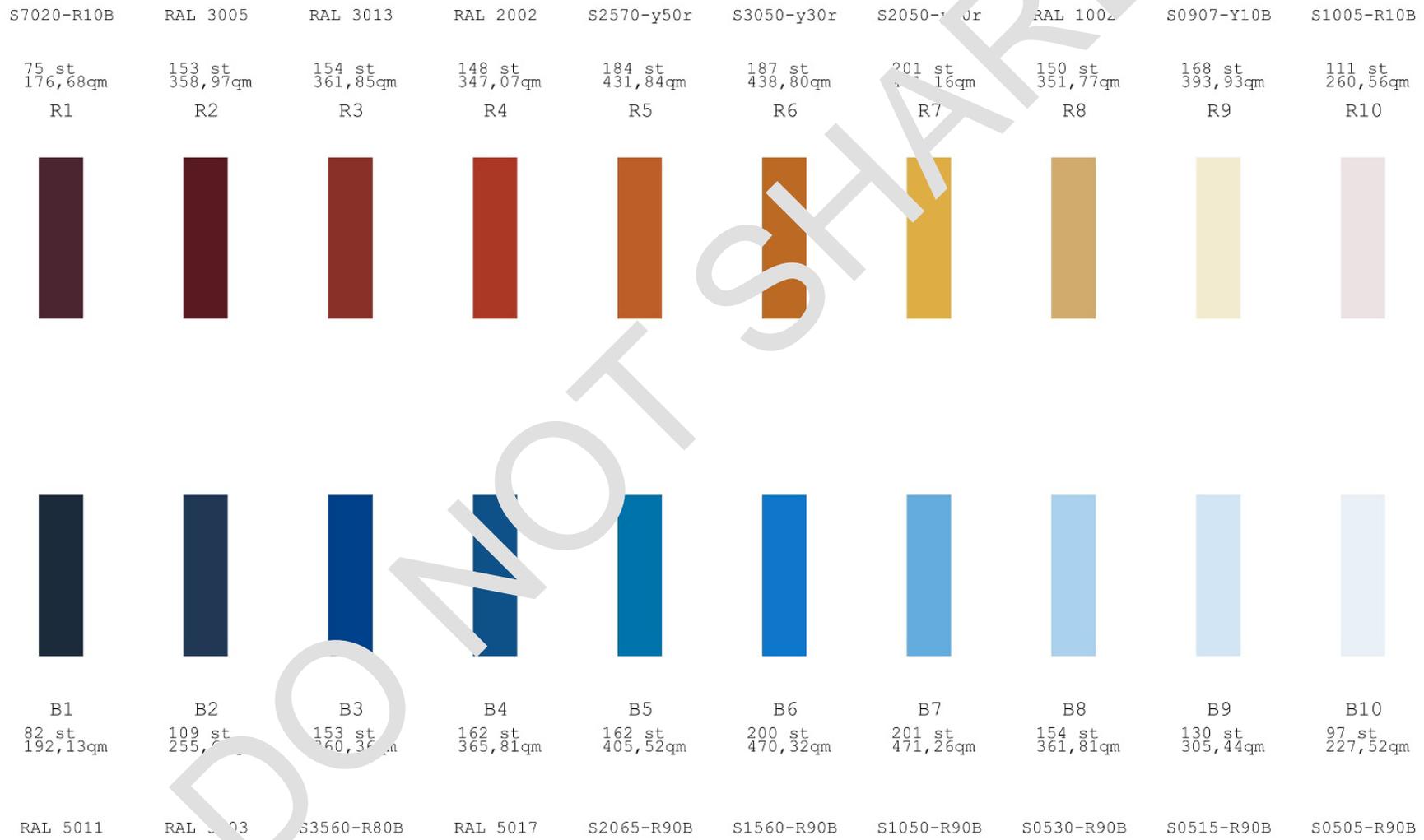
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KONSTANZER KONZIL 1414-1418

PANORAMA  
KONSTANZ

DO NOT SHARE







DO NOT SHARE



DO NOT SHARE

# DOMNOTSTÄRKE



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telekom areal  
konstanz

aufgabe  
Umbau eines Bürohochhauses  
in Wohnungen

bauherr  
BPD Immobilienentwicklung GmbH

umfang  
41.000 m<sup>2</sup> BGF

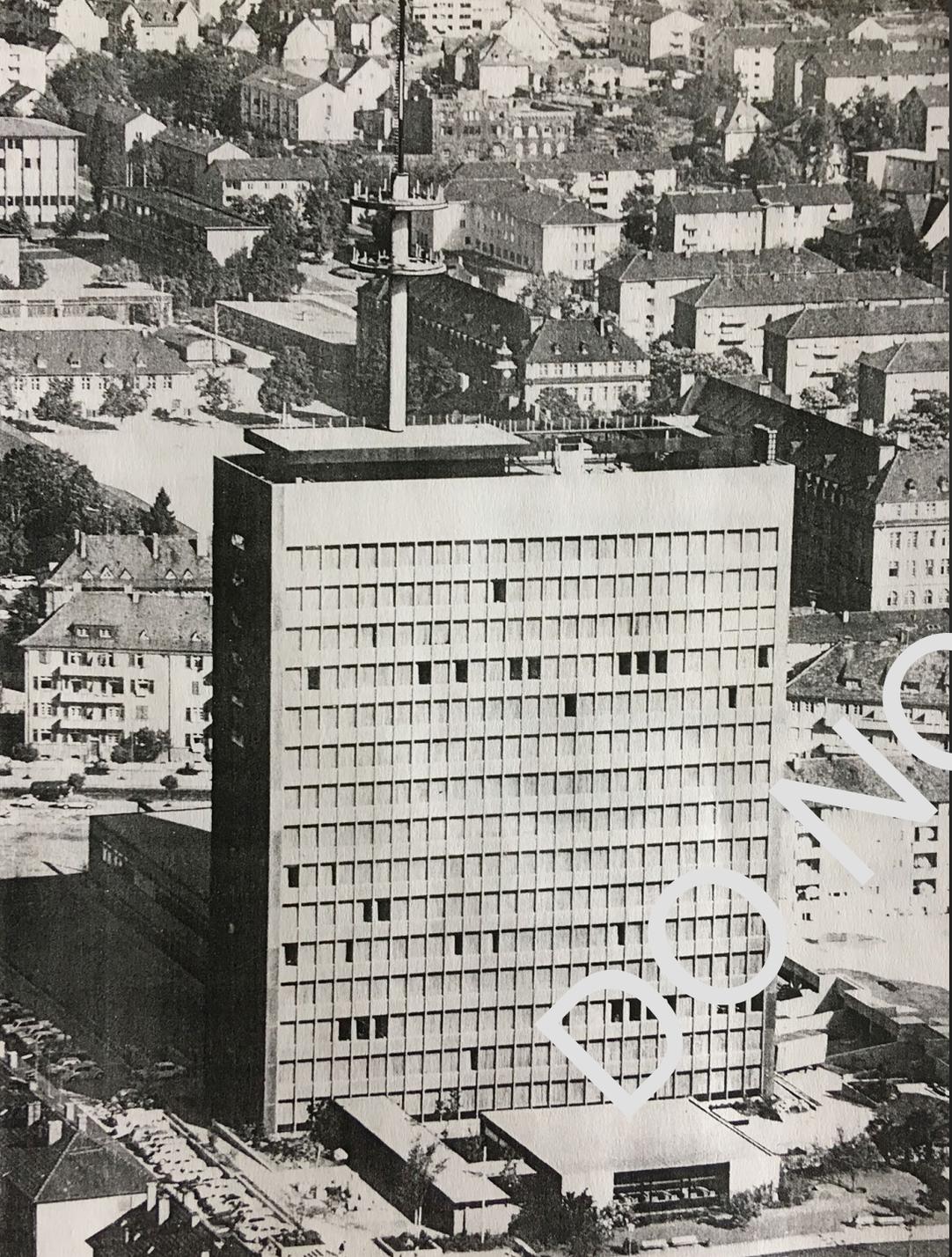
fertigstellung  
2026

sauerbruch hutton





DOPNOSTART



DOMINANT SHARE



DONOT STARE



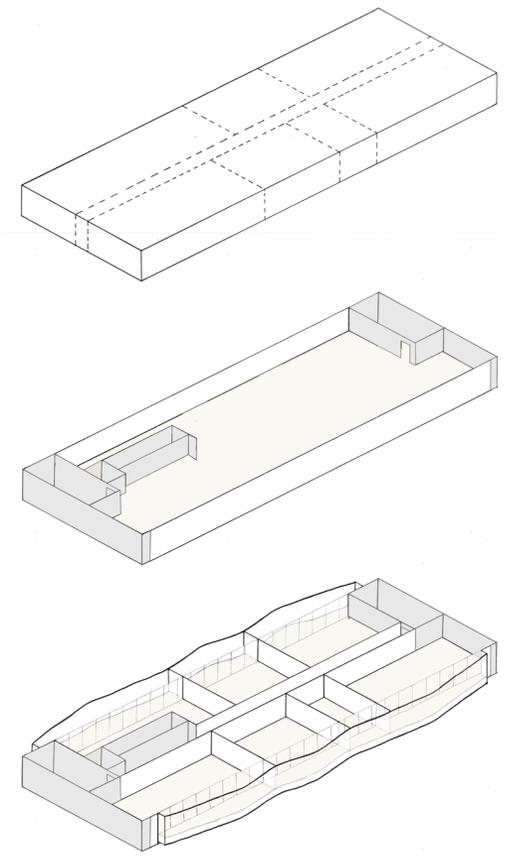




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DONOT START





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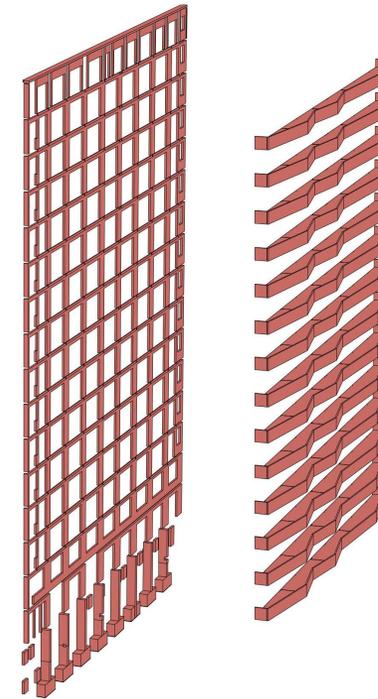
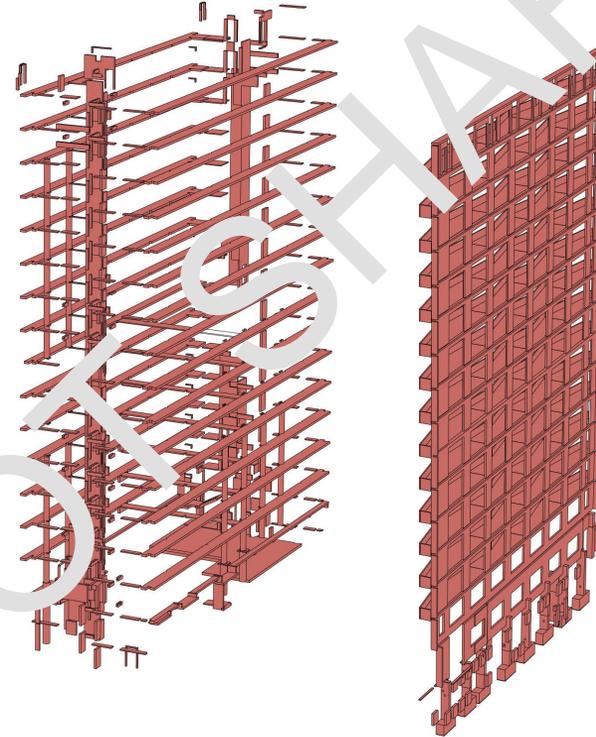
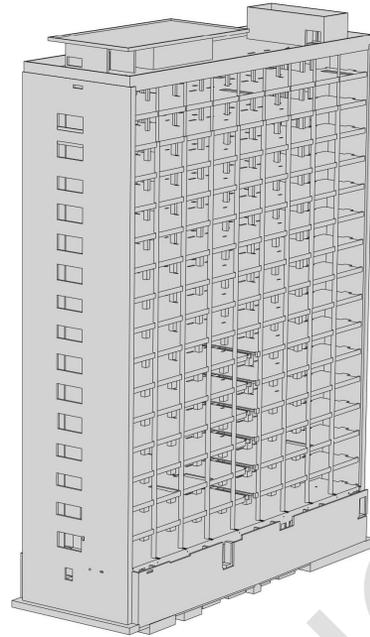
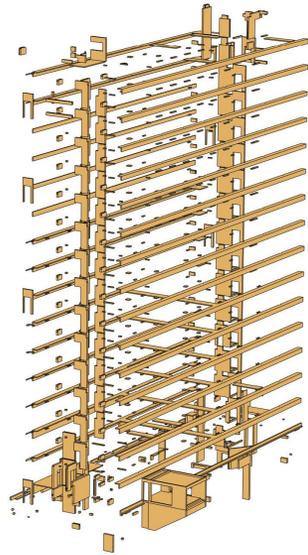


# DOMOT STARÉ



DOMOTUSHARE



**Abriss:**

**7%** des Bestandes werden **abgerissen**,

dadurch werden nur **9 to CO<sub>2</sub>e** ausgestoßen

**Bestand:**

**93%** des Bestandes bleiben **erhalten**  
**77%** der geplanten Struktur bestehen aus dem ursprünglichen Gebäude

**2.268 to CO<sub>2</sub>e** werden gegenüber einem Abriss und Neubau **gespart**

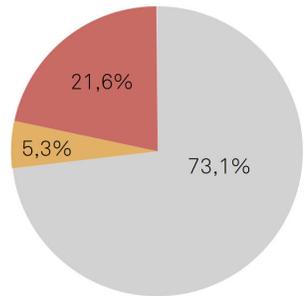
**Neubau:**

Der Anteil des **Primär-Stahlbetons** beträgt nur **23%**

Es entstehen **797 to CO<sub>2</sub>e**

### Massen

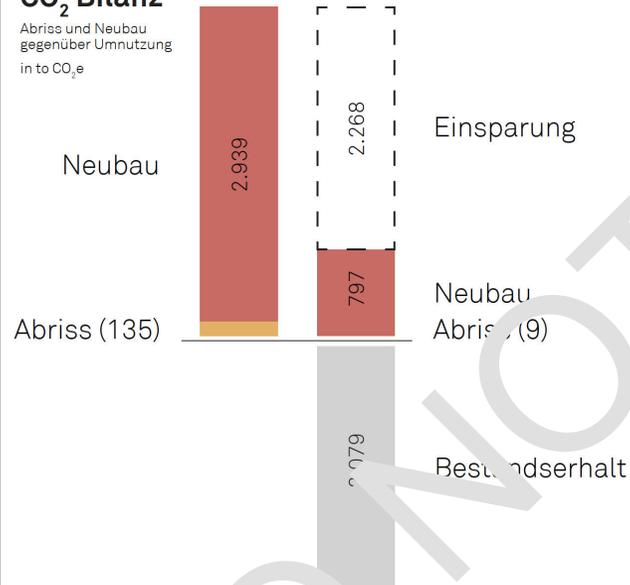
in to



Bestandserhalt (15.067)  
 Abriss (1.092)  
 Neubau (4.447)

### CO<sub>2</sub> Bilanz

Abriss und Neubau gegenüber Umnutzung  
 in to CO<sub>2</sub>e



### Vergleichswerte



Die eingesparte Menge CO<sub>2</sub> entspricht der durchschnittlichen Jahresemission von

**203 Menschen**

in Deutschland

Quelle: uba.co2-rechner.de



Durch den Erhalt wirkt das Projekt ähnlich positiv auf die Verlangsamung der Erderwärmung ein, wie die CO<sub>2</sub>-Bindung von

**2.268 Buchen**

in 80 Jahren

Quelle: www.co2online.de/

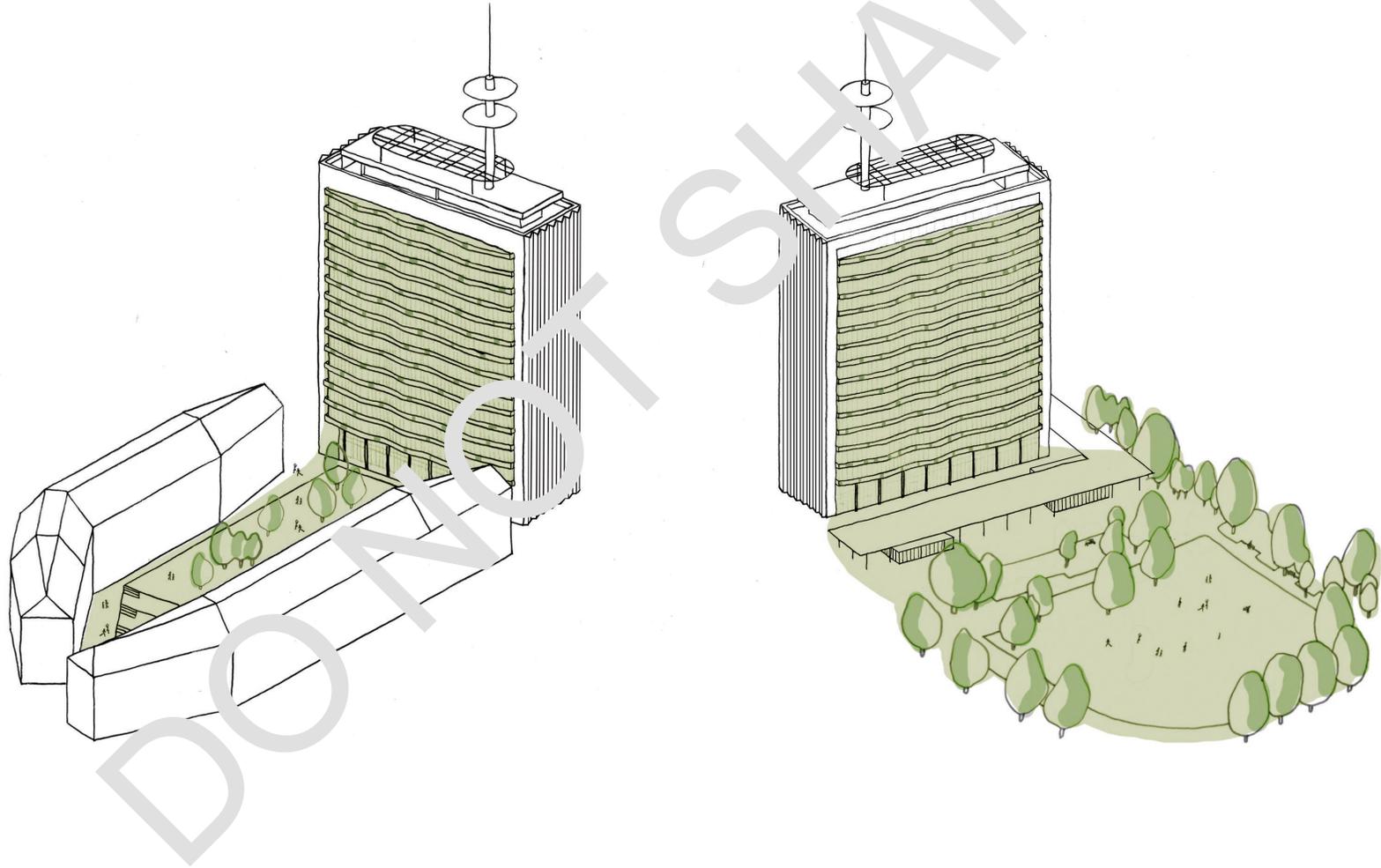


Das eingesparte CO<sub>2</sub> würde ausgestoßen, wenn eine Person in den nächsten 50 Jahren

**45 x im Jahr**

von Frankfurt nach Lissabon und zurück fliegt

Quelle: uba.co2-rechner.de/





# DO NOT START



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The architecture of sauerbruch hutton  
is founded on a dialogue  
that unites beauty with sustainability.

sauerbruch  
hutton

sauerbruch hutton  
lehrter straÙe 57, haus 2  
10557 berlin  
+49 30 397 821 0

[comms@sauerbruchhutton.com](mailto:comms@sauerbruchhutton.com)  
[bd@sauerbruchhutton.com](mailto:bd@sauerbruchhutton.com)

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