

STAALBOUWDAG 2026 | 08 OKTOBER 2026

TOEKOMSTBESTENDIG TRANSFORMEREN

ARCHITECTUUR & STAAL

Sander Nelissen

WDJARCHITECTEN

STAALBOUWDAG 2026 | 08 OKTOBER 2026

TOEKOMSTBESTENDIG TRANSFORMEREN

ARCHITECTUUR & STAAL



NEDERLANDS FOTOMUSEUM IN PAKHUIS SANTOS, ROTTERDAM

SANDER NELISSEN | WDJARCHITECTEN



TRANSFORMATIE VAN GENDHALLEN, AMSTERDAM

CHRISTINA KAISER | BRAAKSMA & ROOS ARCHITECTENBUREAU

STAALBOUWDAG 2026 | 08 OKTOBER 2026

TOEKOMSTBESTENDIG TRANSFORMEREN

ARCHITECTUUR & ~~STAAL~~ IJZER



NEDERLANDS FOTOMUSEUM IN PAKHUIS SANTOS, ROTTERDAM

SANDER NELISSEN | WDJARCHITECTEN



TRANSFORMATIE VAN GENDHALLEN, AMSTERDAM

CHRISTINA KAISER | BRAAKSMA & ROOS ARCHITECTENBUREAU

THE IRON BRIDGE
IRONBRIDGE (GB), 1779

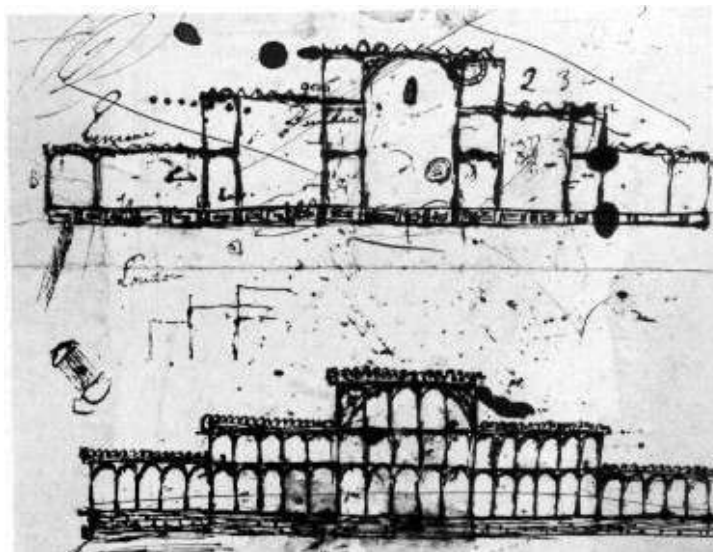
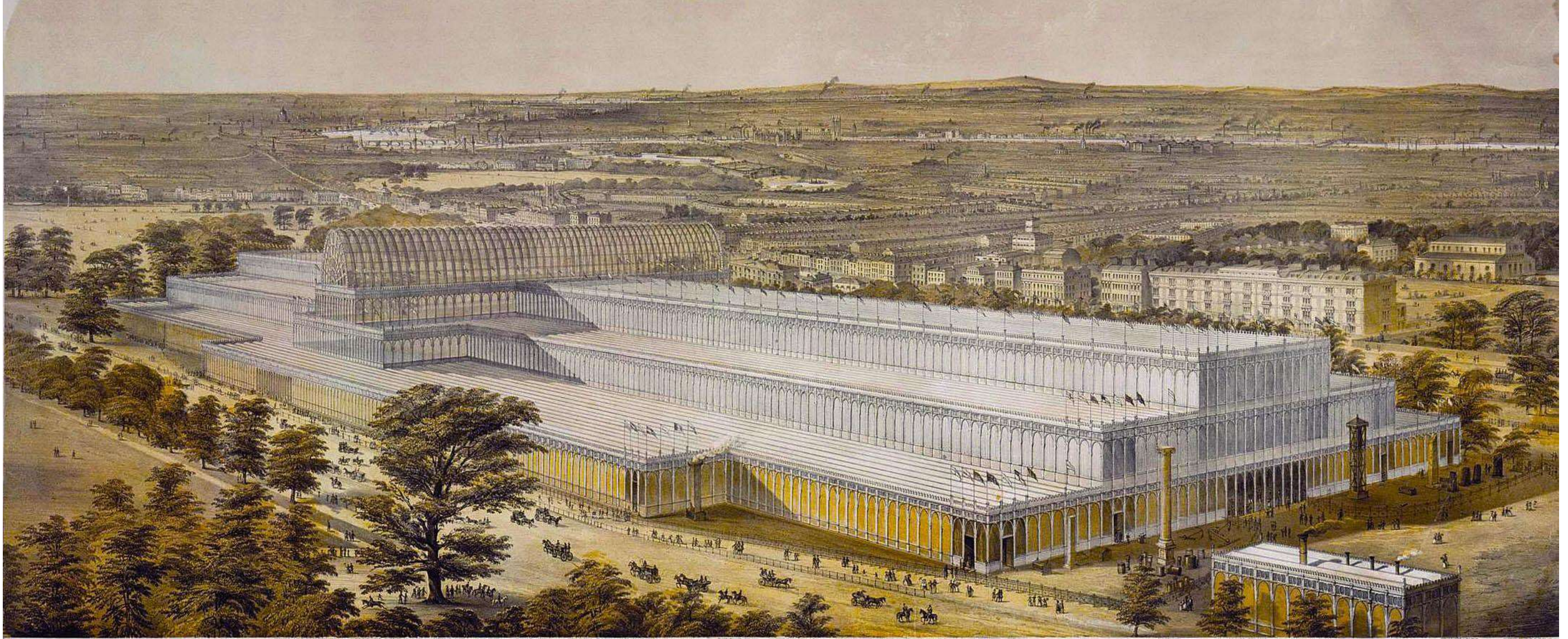
ABRAHAM DARBY III



WILLIAM WILLIAMS, 1781

THE IRON BRIDGE
IN 2019





CRYSTAL PALACE
LONDON, 1851

SIR JOSEPH PAXTON



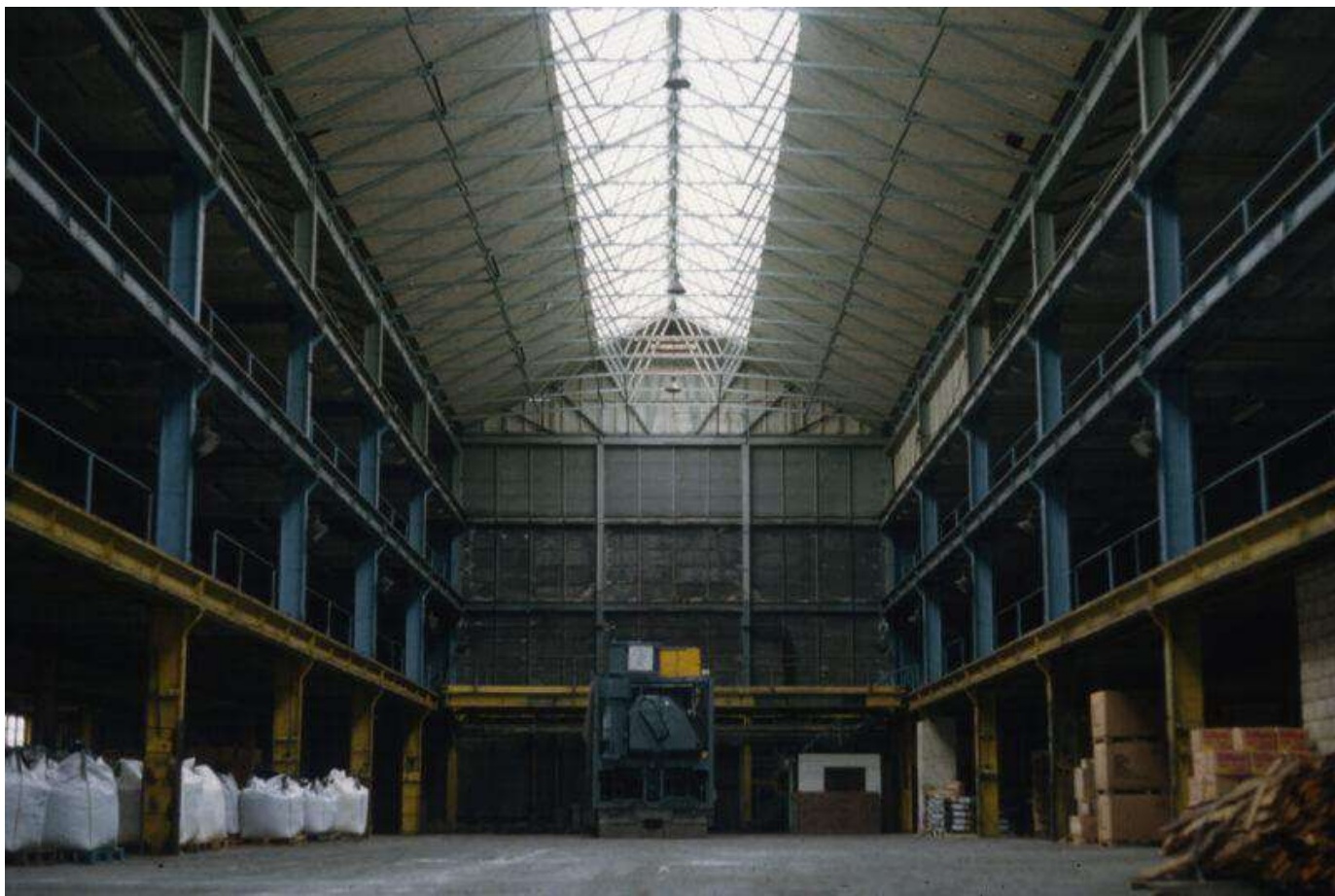
E.V. HAUGHWOUT & CO BUILDING
NEW YORK CITY, 1857



SHED NR 78 BOATHOUSE
CHATHAM DOCKYARD
ISLE OF SHEPPEY, KENT (GB)
1856-60

Col GT GREEN
WILLIAM SCAMP



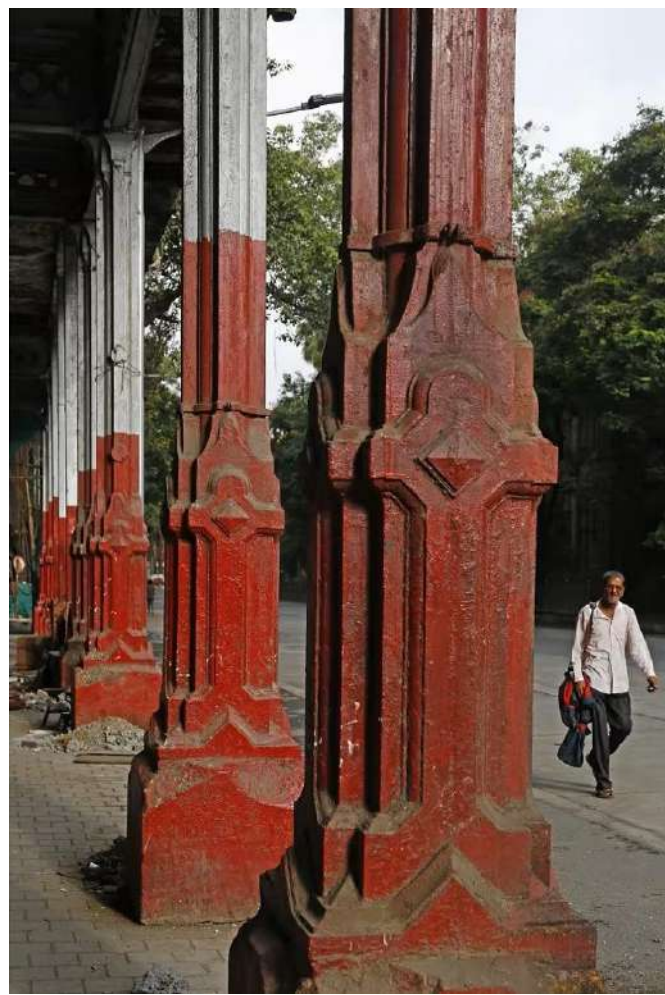


WATSON'S ESPLANADE HOTEL
MUMBAI (INDIA), 1867-69

ROWLAND MASON ORDISH



— Bombay - Esplanade Hotel —



137 Mahatma Gandhi Road

Mumbai, Maharashtra

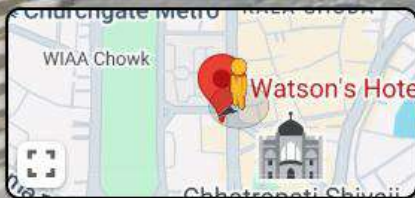


Google Street View

apr 2026

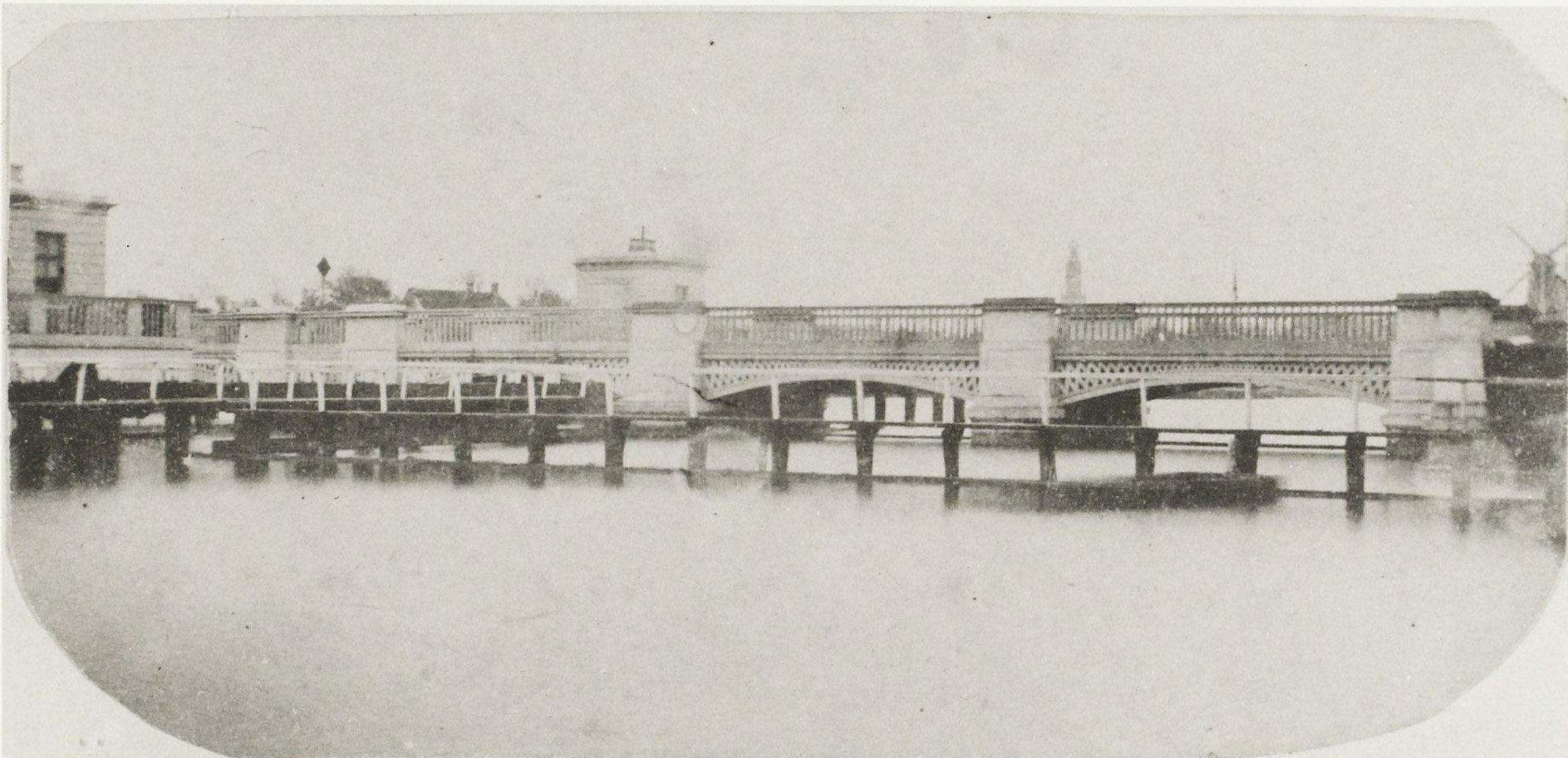
[Meer datums bekijken](#)

[Delen](#)



Google Maps





SPAARNESPOORBRUG
HAARLEM, 1842

F.W. CONRAD

FOTO: 1865



Spoorbrug - Culemburg.
1868 - 1869
Lengte van 154 m
verre overspanning 85 m en 70 m van 50 m

SPOORBRUG OVER DE LEK
CULEMBURG, 1868

JHR. E.J.DE SAVORNIN LOHMAN, L.H.ROUPPE VAN DER VOORT

Bruggen tuschen de Boompjes en de Wynstraat

te Rotterdam 1877.

Blad III.



MINISTERIE VAN KOLONIËN
DEN HAAG, 1860

W.N. ROSE



DAKSPANTEN: SMEEDIJZER
MET CONSOLES IN GIETIJZER

DUBBEL KOZIJNSYSTEEM
IN GIETIJZER

DRUIPLIJST, GOOT EN
GOOTCONSOLES IN GIETIJZER

VLOERBALKEN
IN SMEEDIJZER

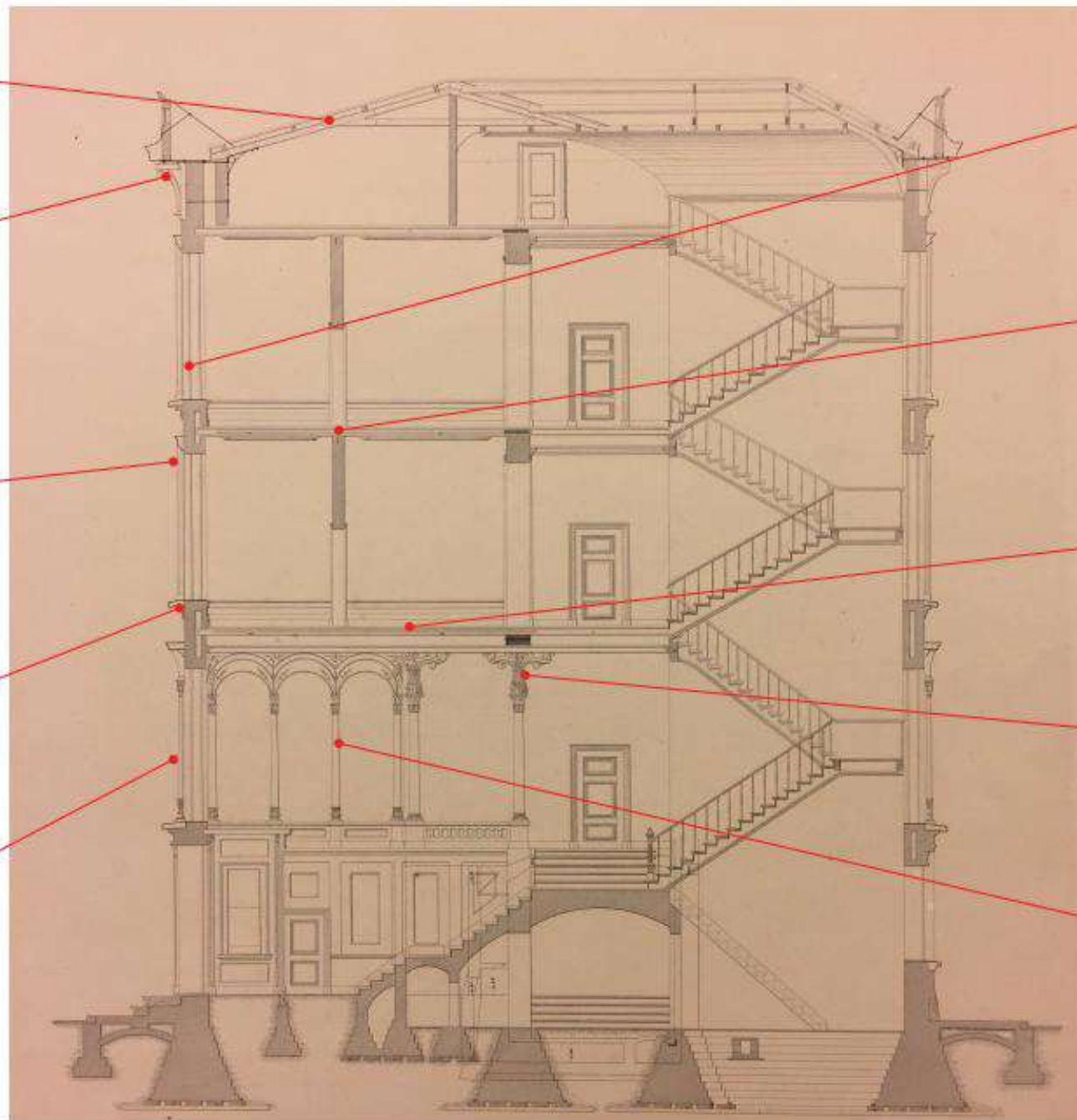
SIERLIJSTEN ROND KOZIJNEN
IN GIETIJZER

LUCHTKANALEN EN ROOSTERS
IN IJZER

HOLLE CORDONLIJSTEN
IN GIETIJZER

SIERKOLOMMEN
IN GIETIJZER

PILASTERS
IN GIETIJZER



TECHNISCHE INNOVATIE MET NIEUWE MATERIALEN EN INSTALLATIES







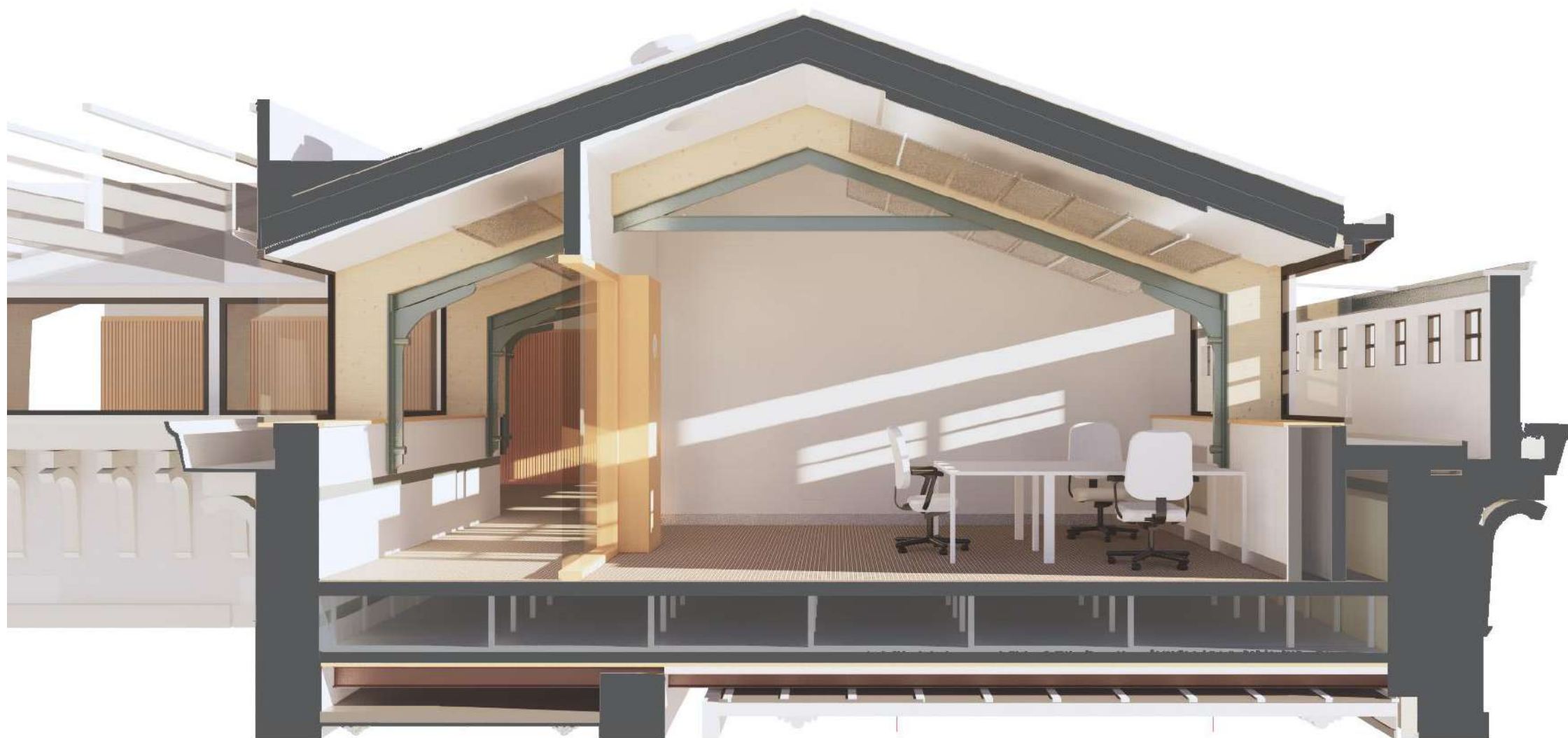
HOGHE RAAD MET GIETIJZEREN GEVEL, 1860



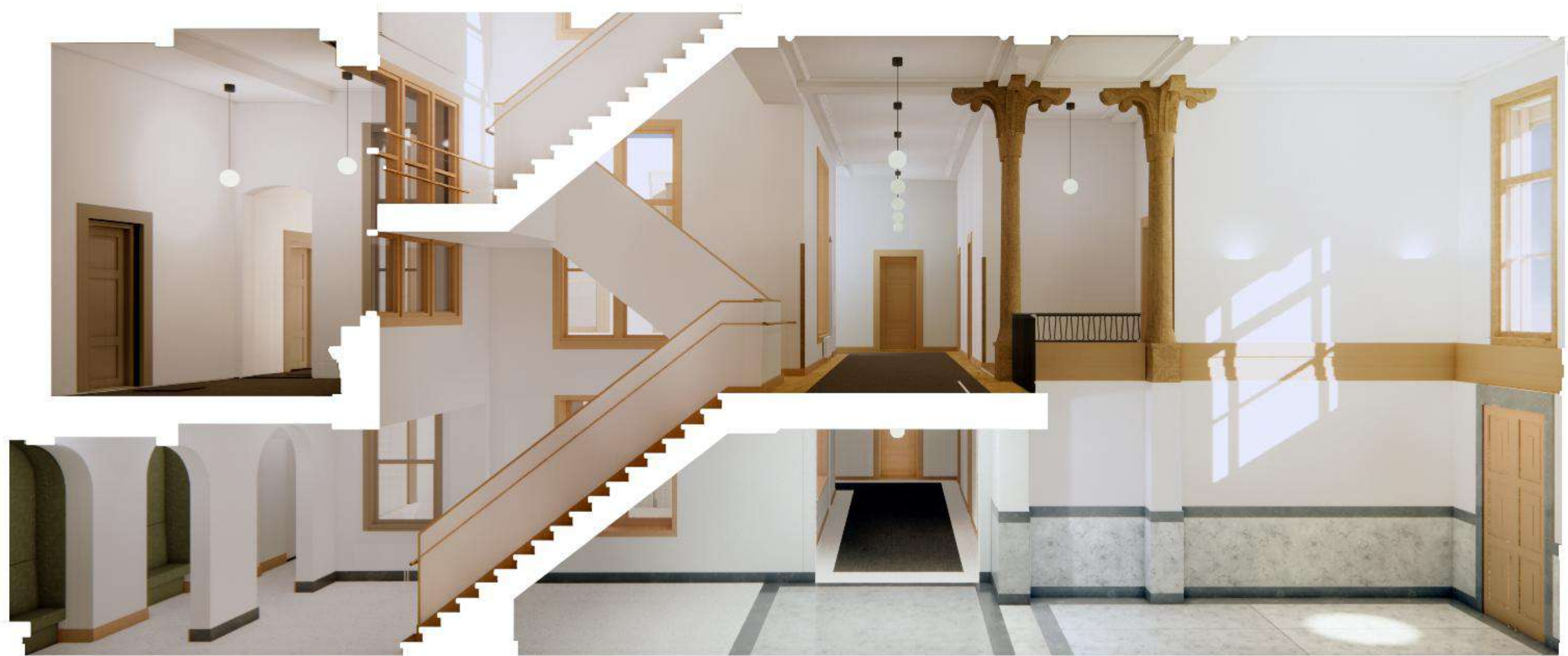
SLOOP IN 1938



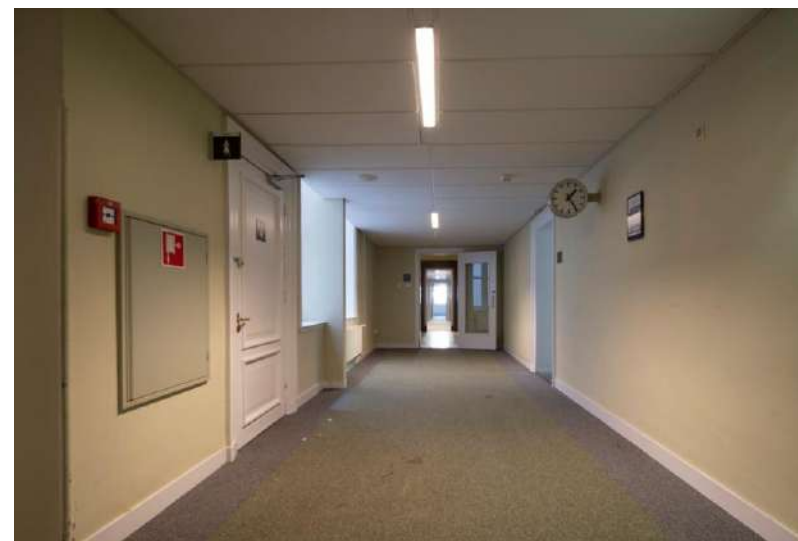




OPGETILD DAK MET HERGEBRUIK SPANTEN UIT 1860



ENTREEHAL: HERSTEL VIDE MET GIETIJZEREN KOLOMMEN



PALEIS VOOR VOLKSVLIJT
AMSTERDAM, 1858-64

CORNELIS OUTSHOORN



PALEIS VOOR VOLKSVLIJT
AMSTERDAM, 1858-64

CORNELIS OUTSHOORN



Nieuws

Gemeenteraad Amsterdam wil iconisch Paleis voor
Volksvlijt herbouwen: 'Oude droom die blijft
voortleven'



DE LANGE JAAP
HUISDUINEN, 1878



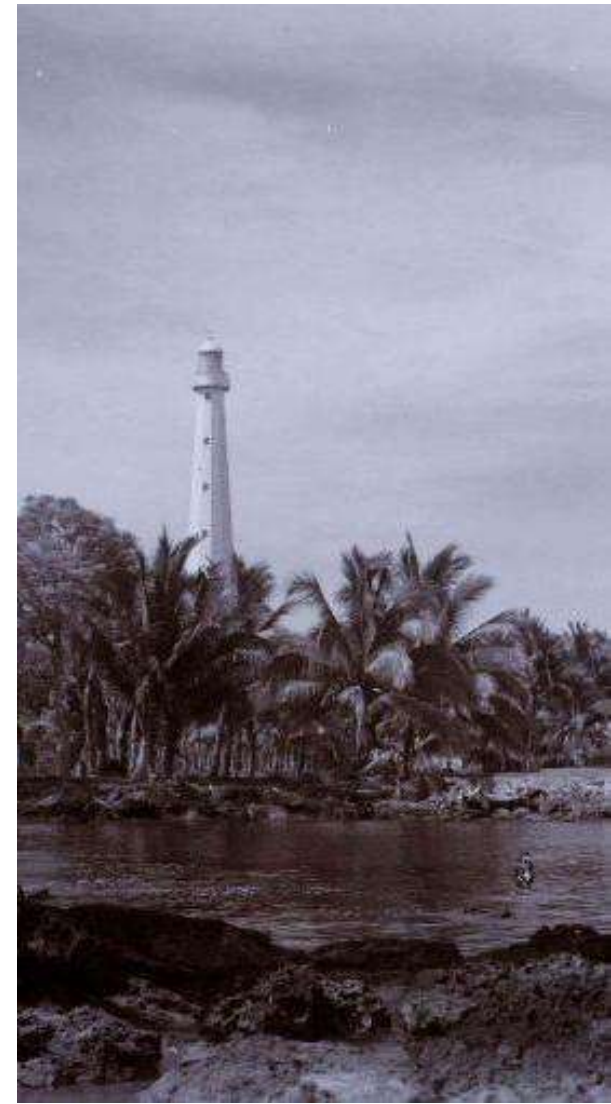
SCHEVENINGEN



BRESKENS



PULAU LENGKUAS (INDONESIË)



CIKONENG (INDONESIË)

PAKHUIS SANTOS
ROTTERDAM, 1902

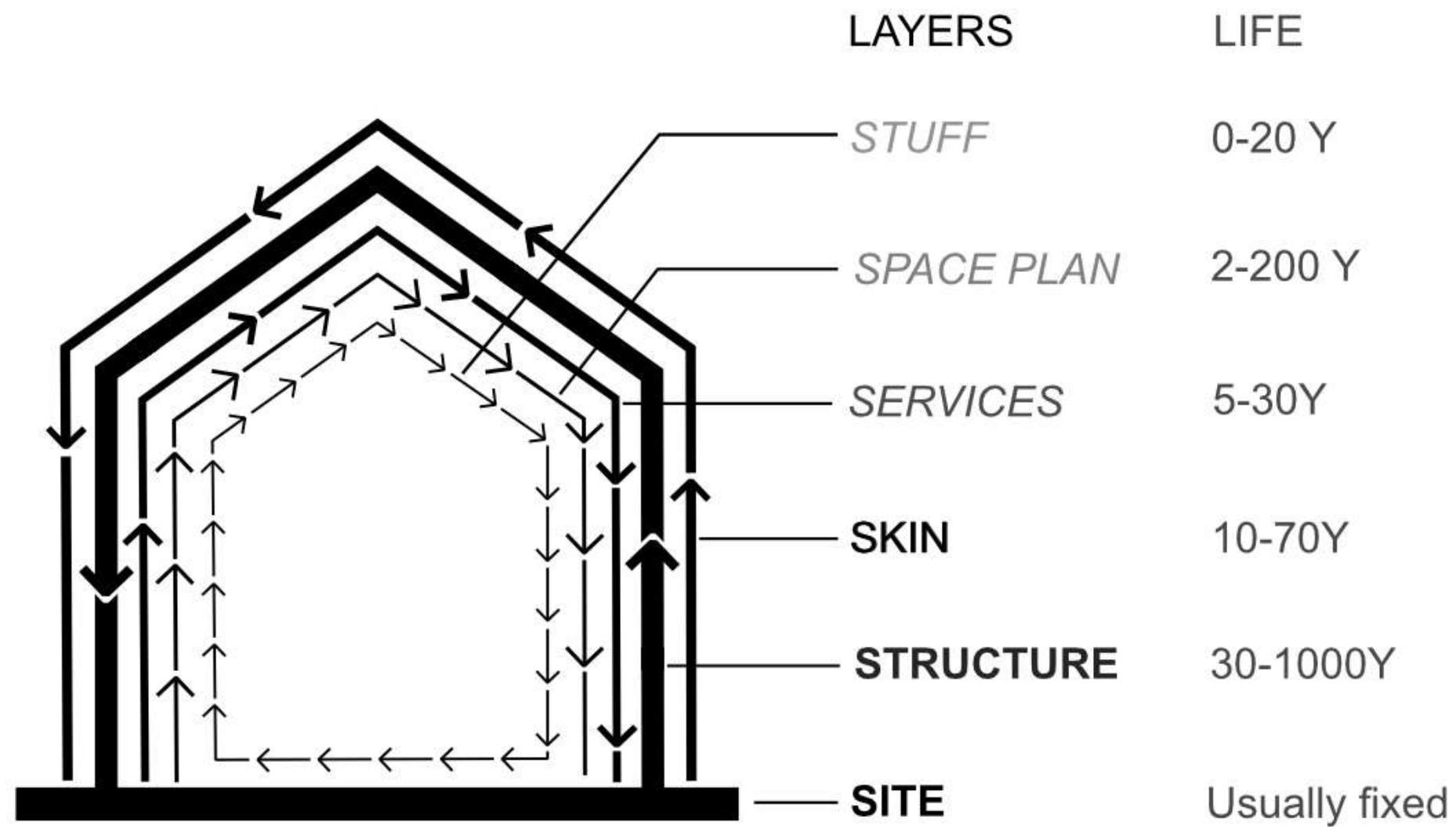
J.P. STOK , J.J. KANTERS



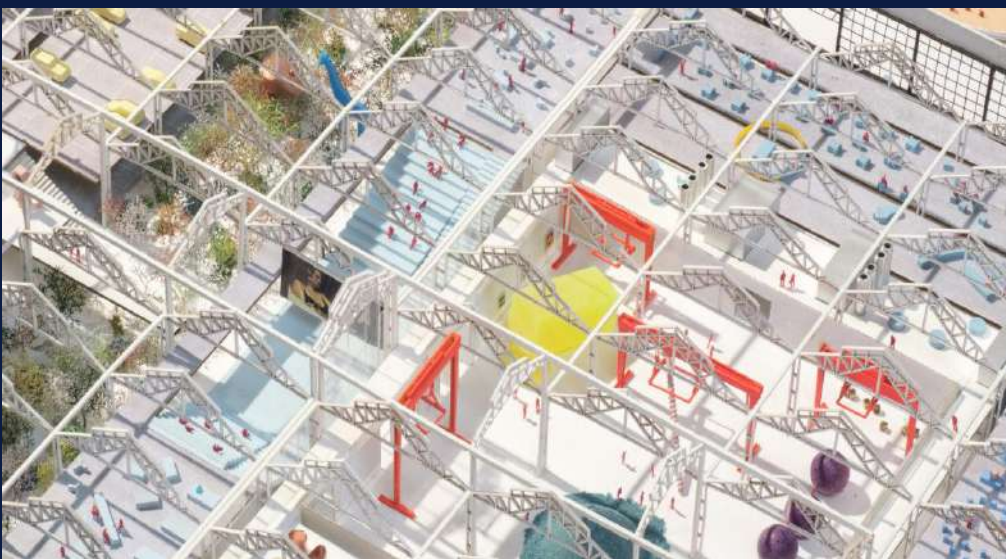
VAN GENDHALLEN 4 EN 5
AMSTERDAM, 1903-05

A.L. VAN GENDT





STEWART BRAND "SHEARING LAYERS OF CHANGE" (HOW BUILDING LEARN, 1994)





PAKHUIS SANTOS
ROTTERDAM, 1902

J.P. STOK , J.J. KANTERS



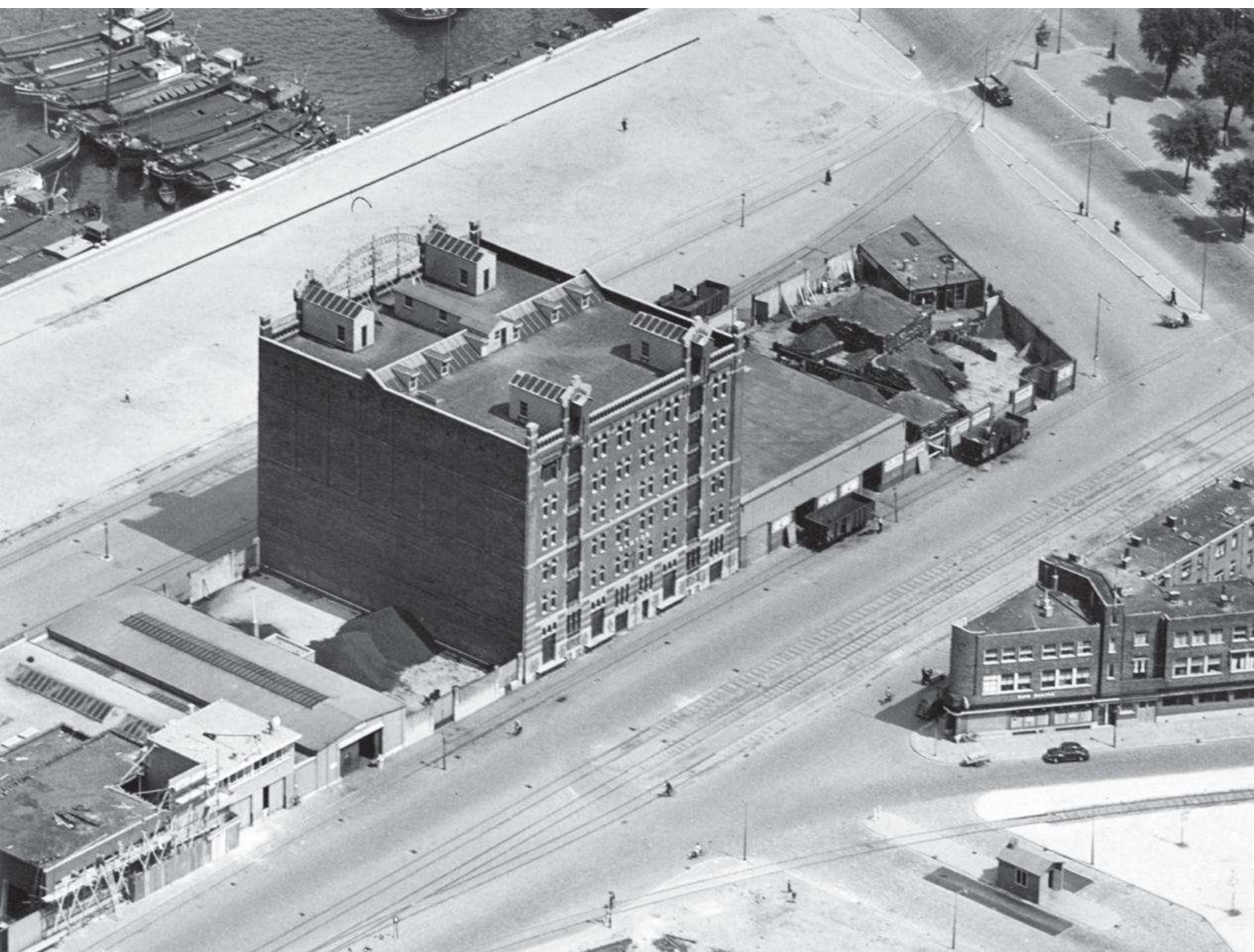


RIJNHAVEN, 1904

2010





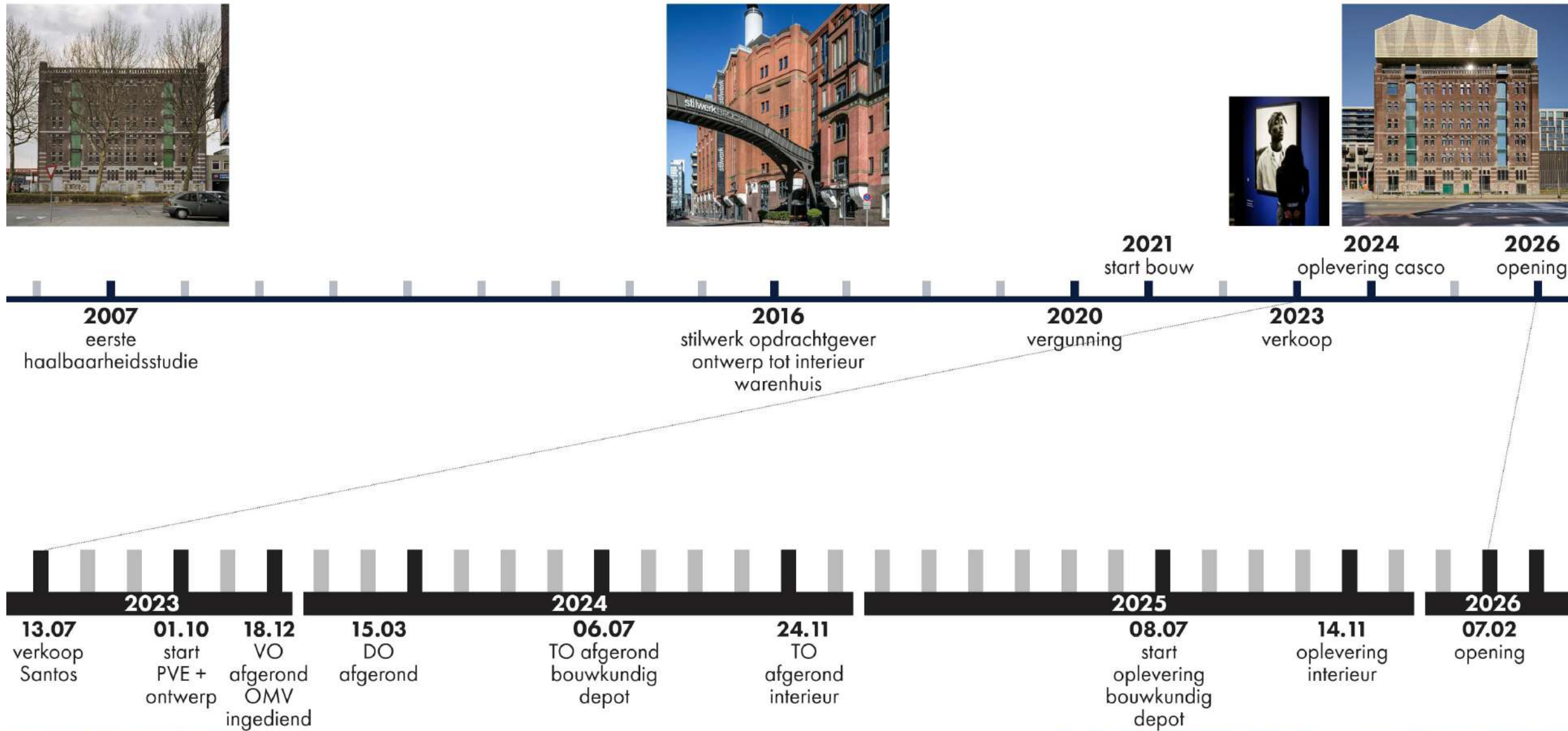


1950



2023

TIMELINE TRANSFORMATIE PAKHUIS SANTOS ...



... NAAR NEDERLANDS FOTOMUSEUM



1901

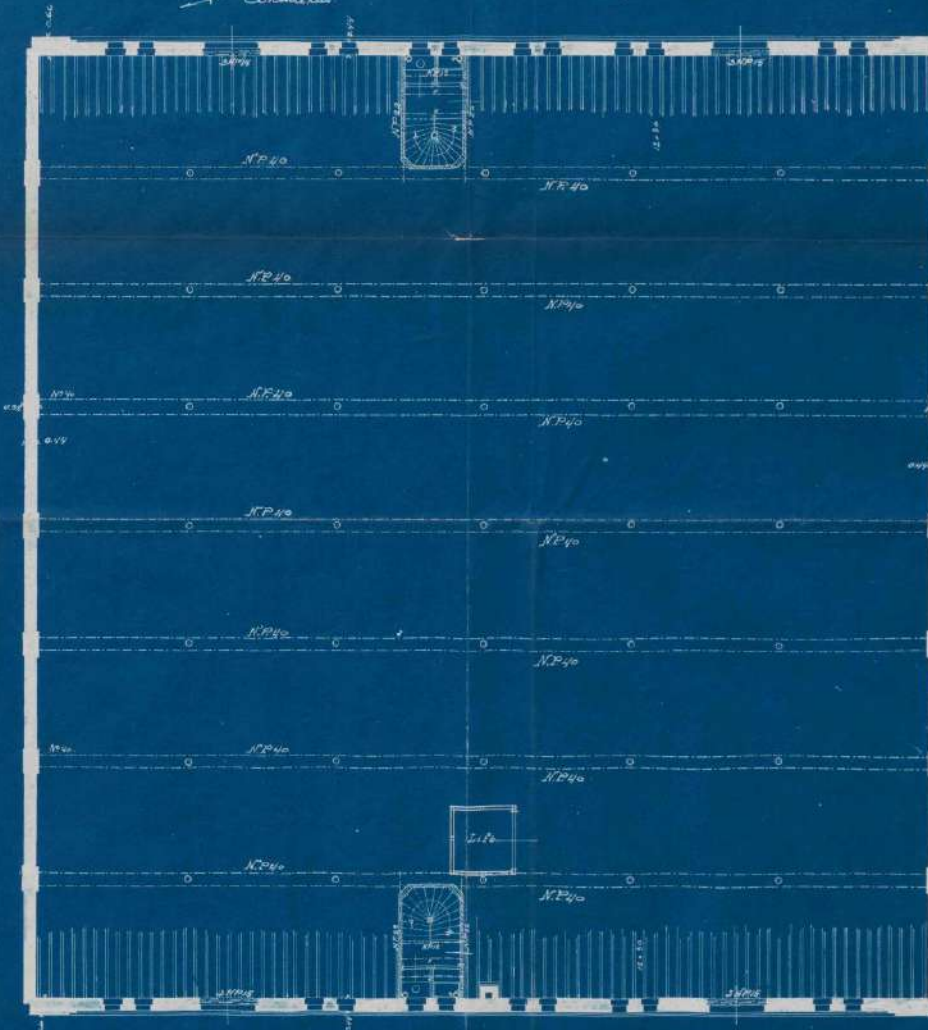
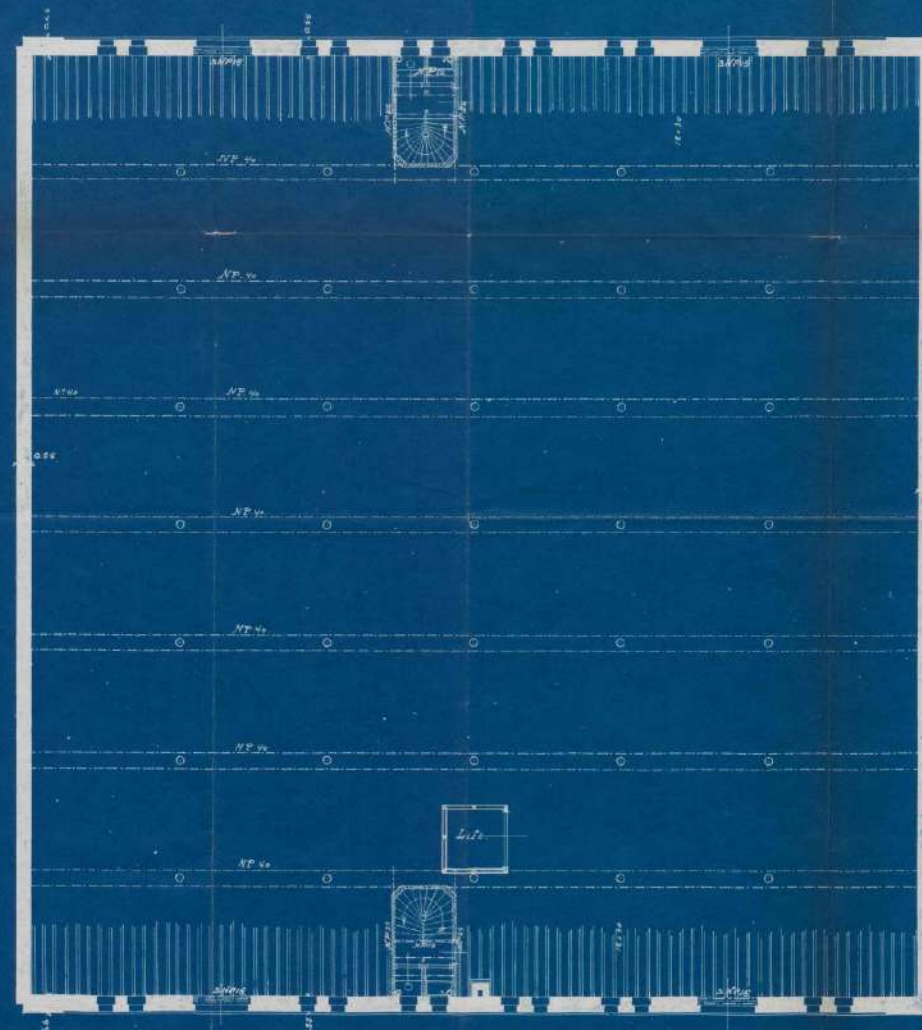
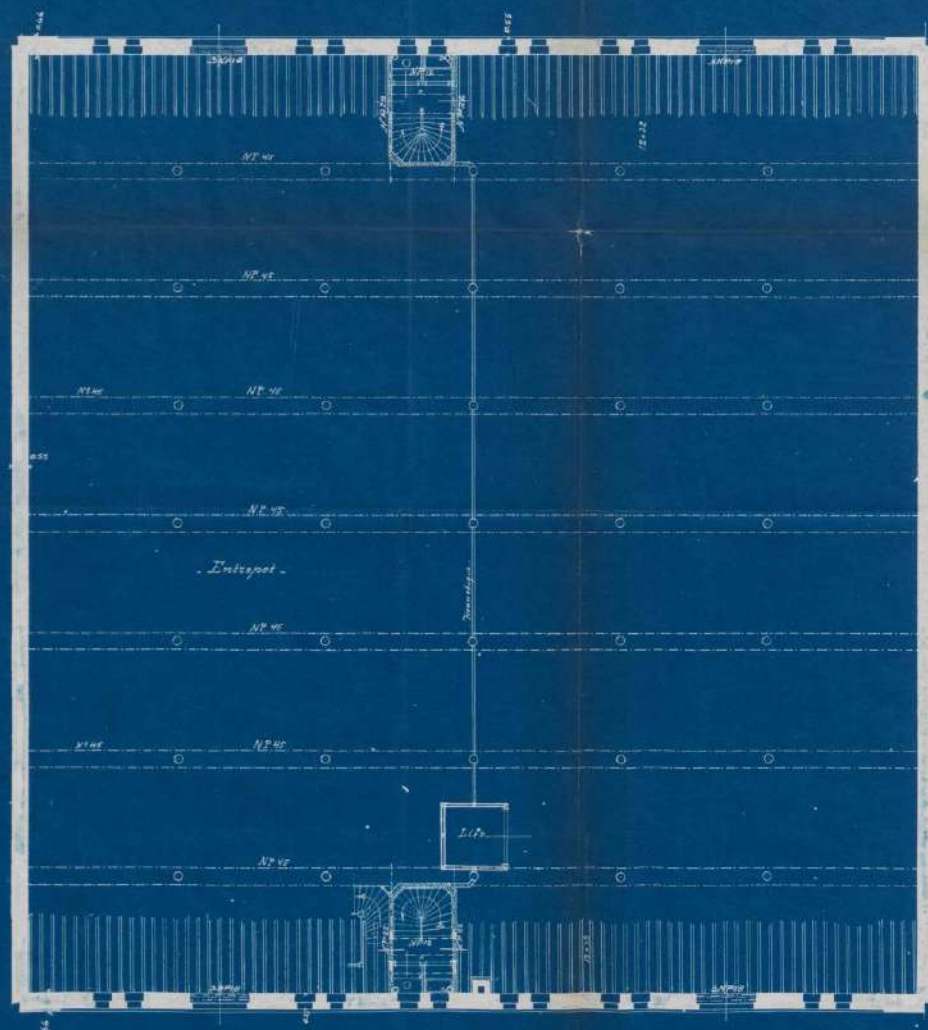


2017



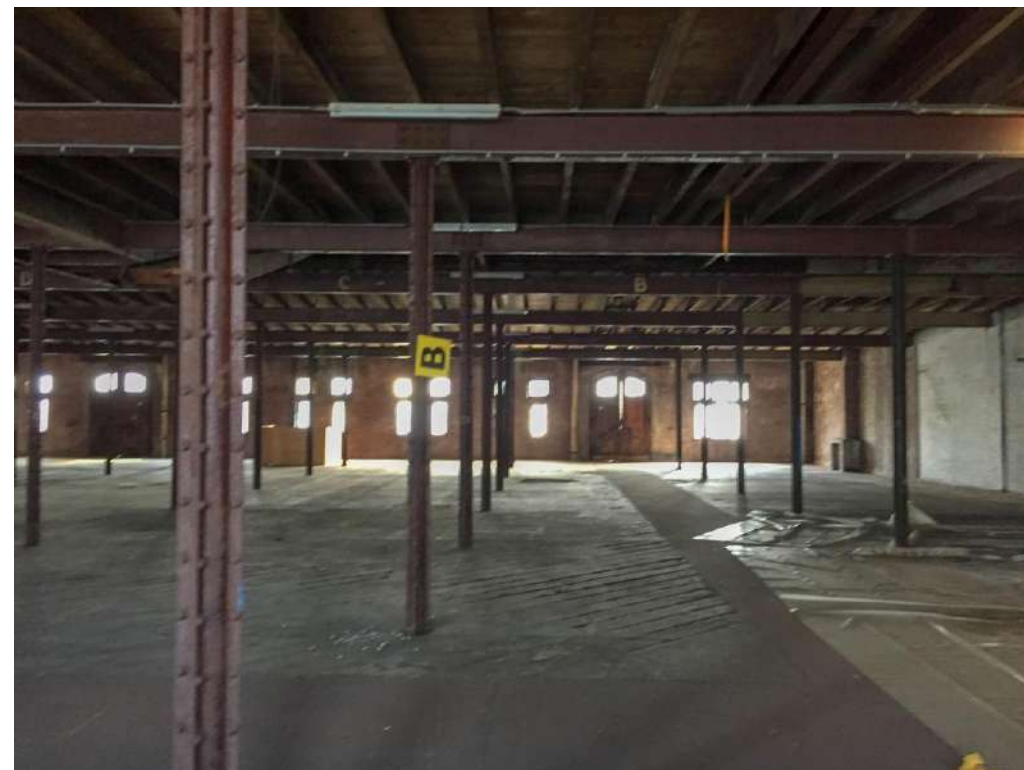
2024

OPSLAGPAND 'SANTOS' VOOR DE NAAML. VENN: BLAAUWHOEDENVEEM



EERSTE VERDIEPING MET BINTLAAG TWEEDE VERDIEPING TWEEDE VERDIEPING MET BINTLAAG DERDE VERDIEPING DERDE VERDIEPING MET BINTLAAG VIERDE VERDIEPING

SCHAAL: 1 A 100

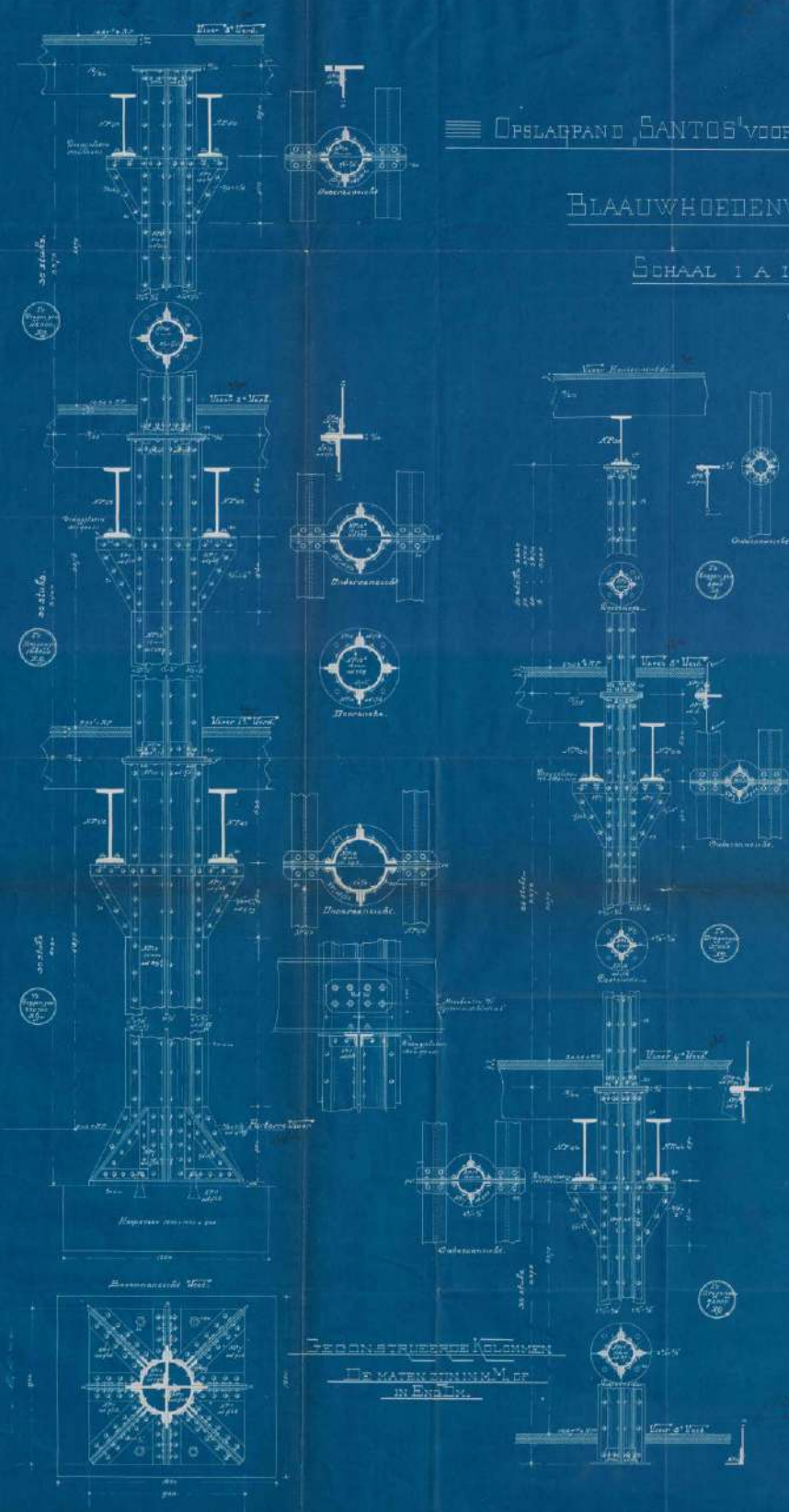


OPSLAAPPAND SANTOS' VOOR DE NAAML' VENNE

BLAAUWHOOEDENVEEM

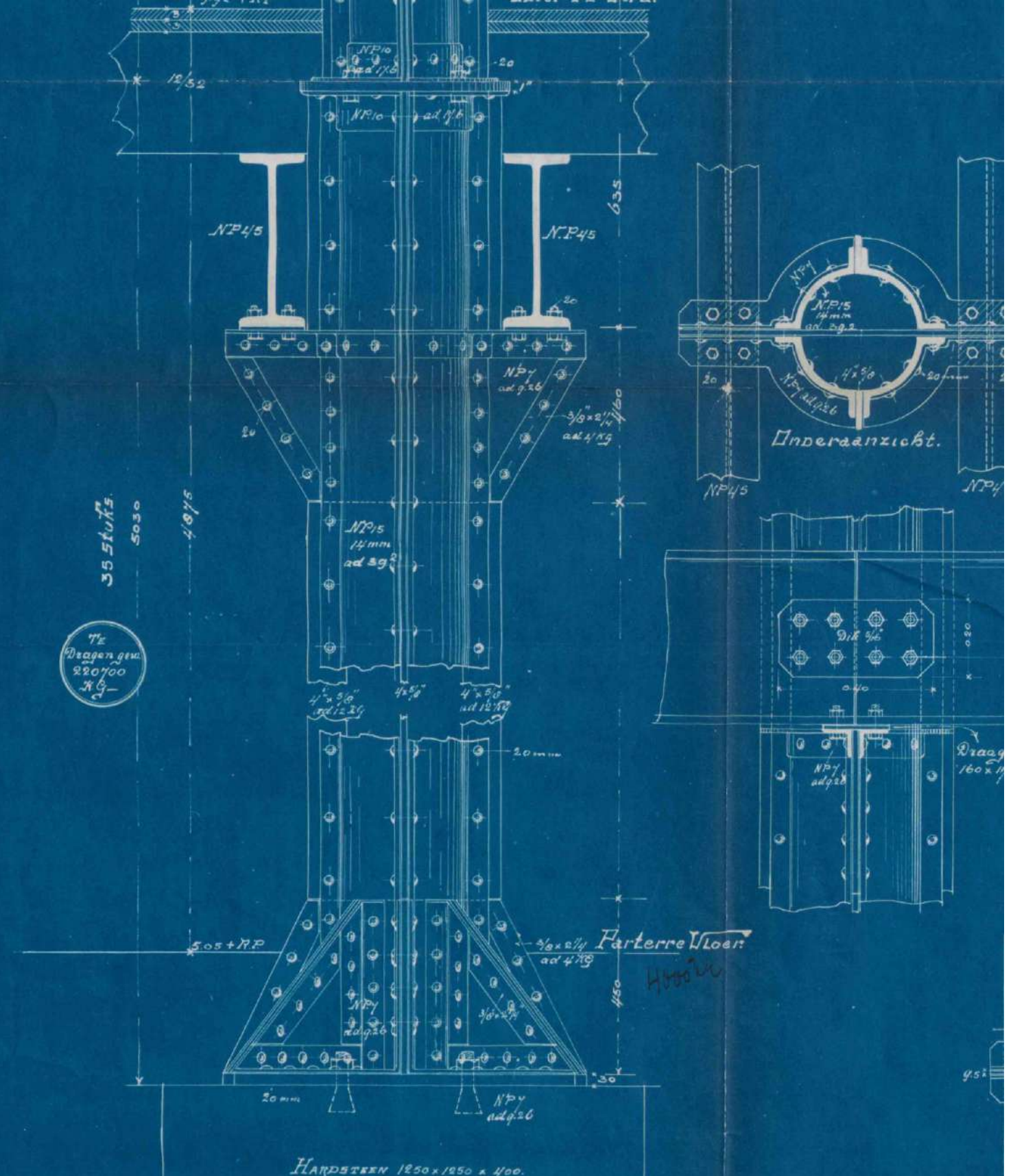
SCHAAL 1 A 10.

*J. H. K. van
H. van
A. van*

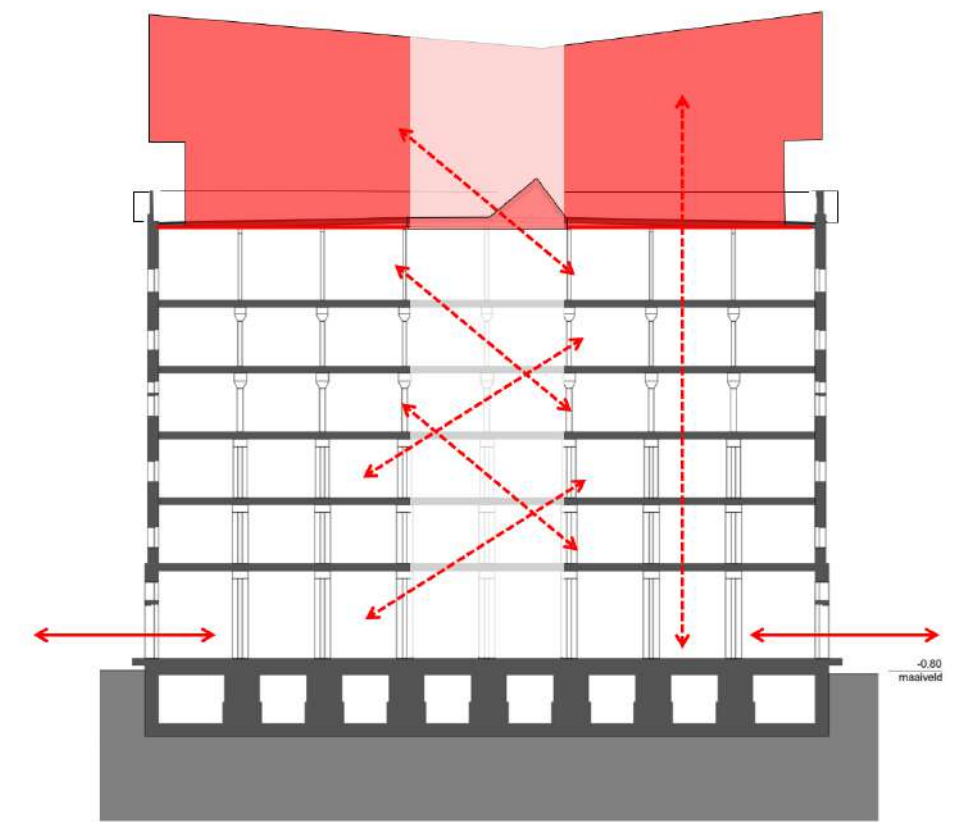
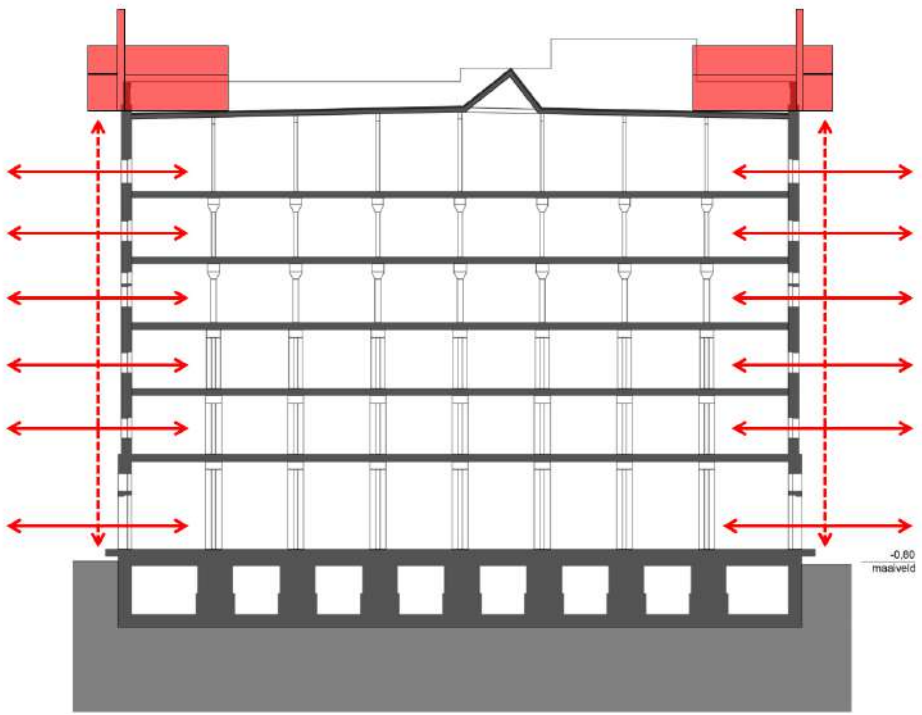


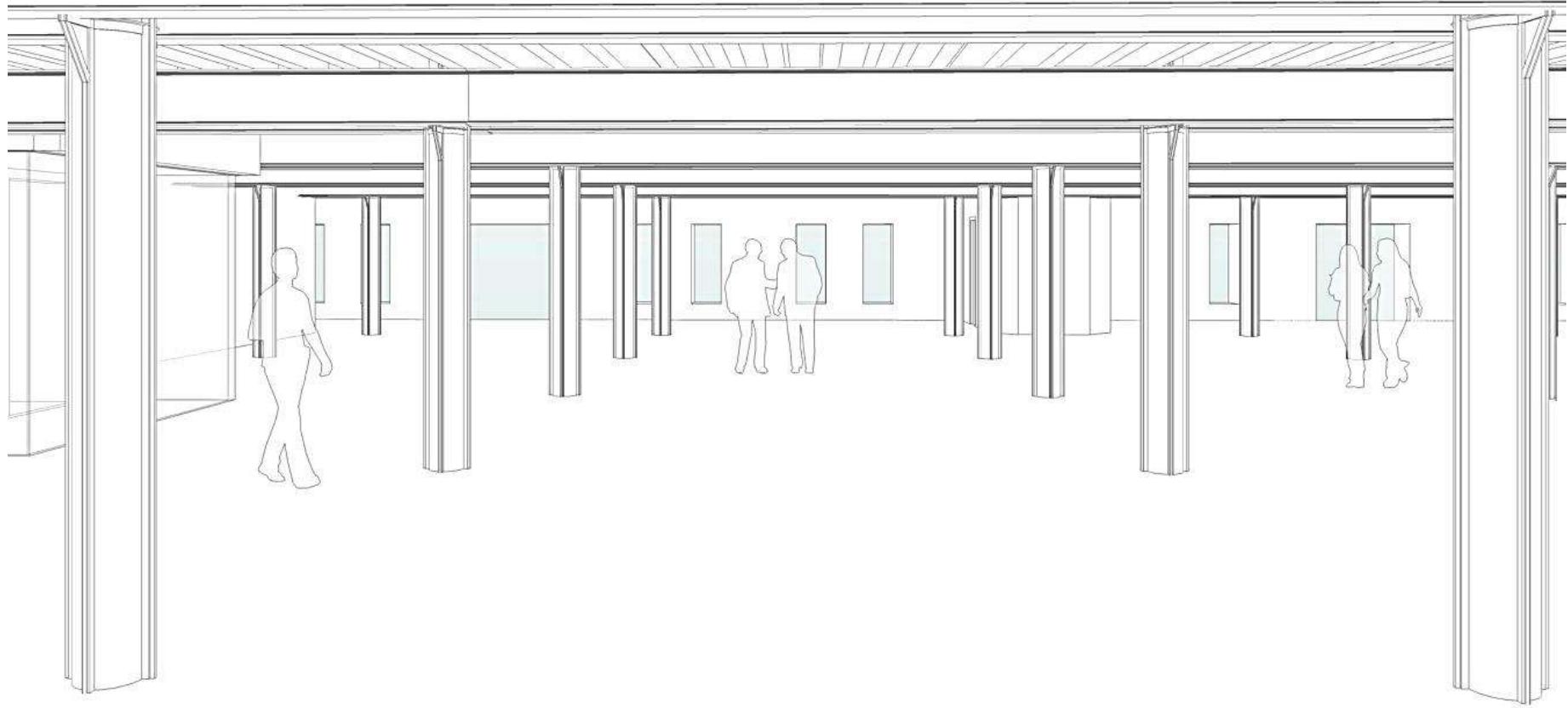
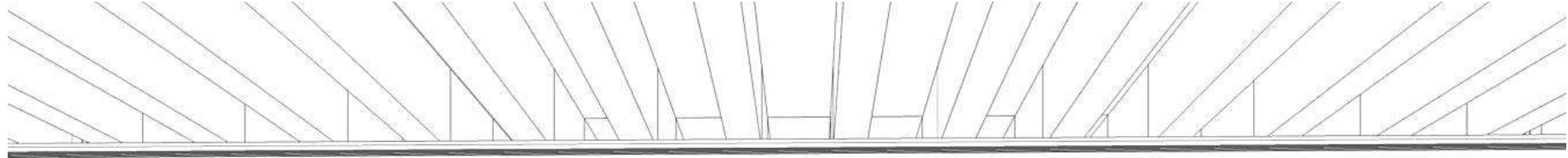
35 stuks.
5030

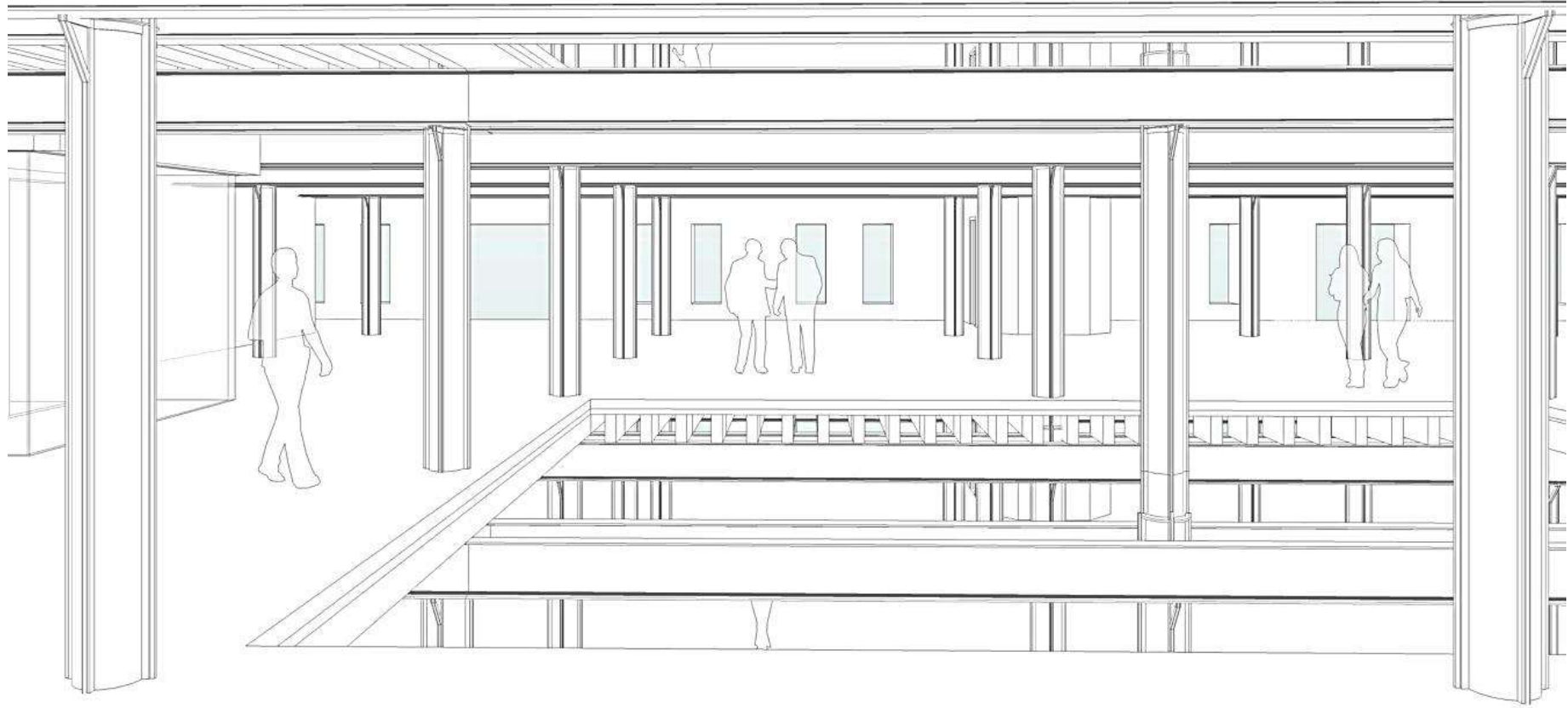
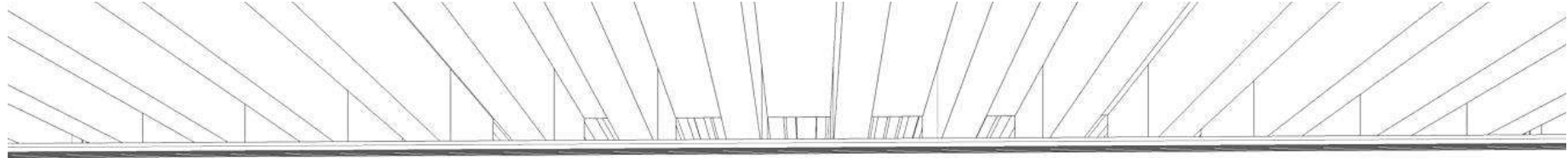
7 1/2
Draagen gew.
220700
Kg.

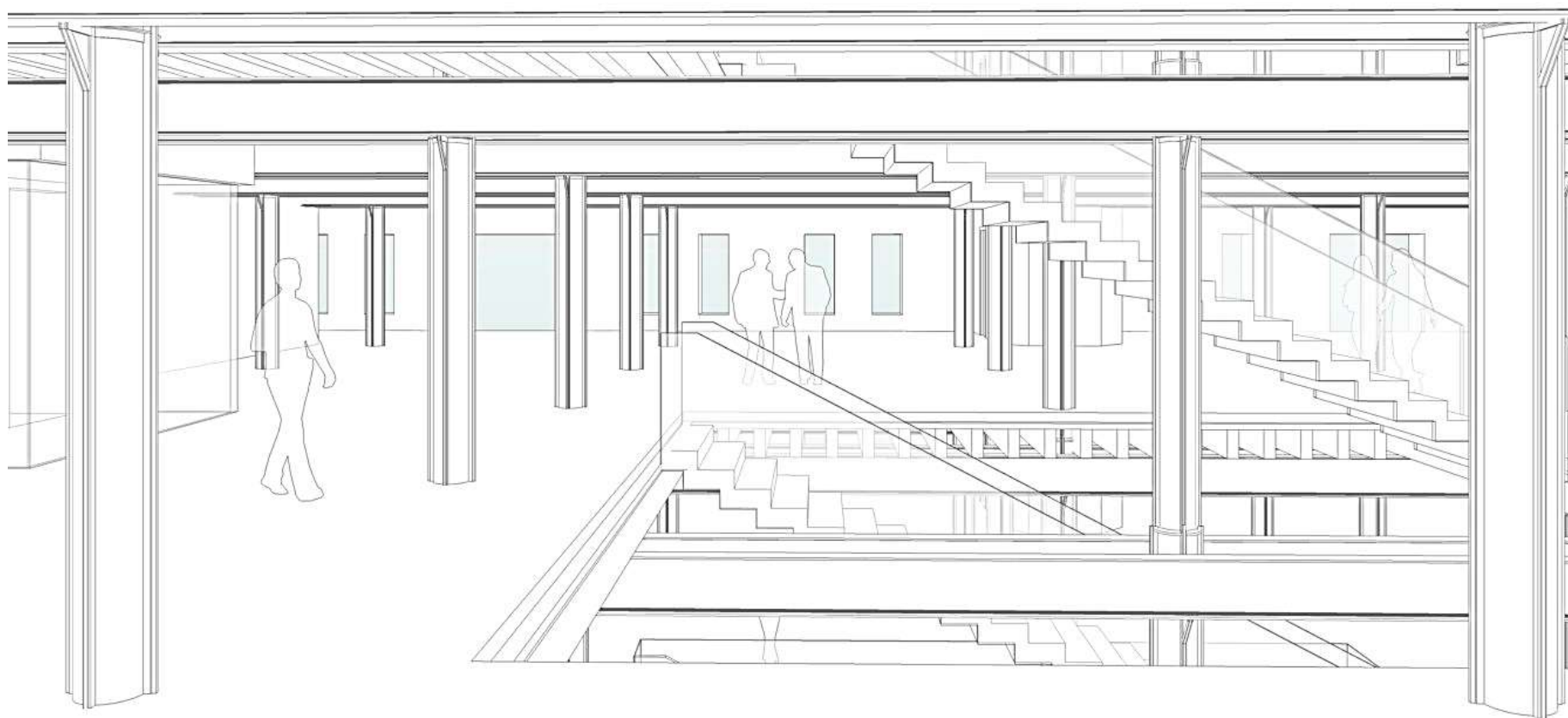
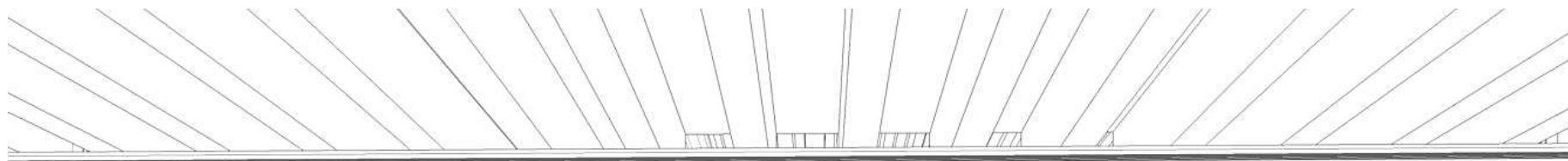


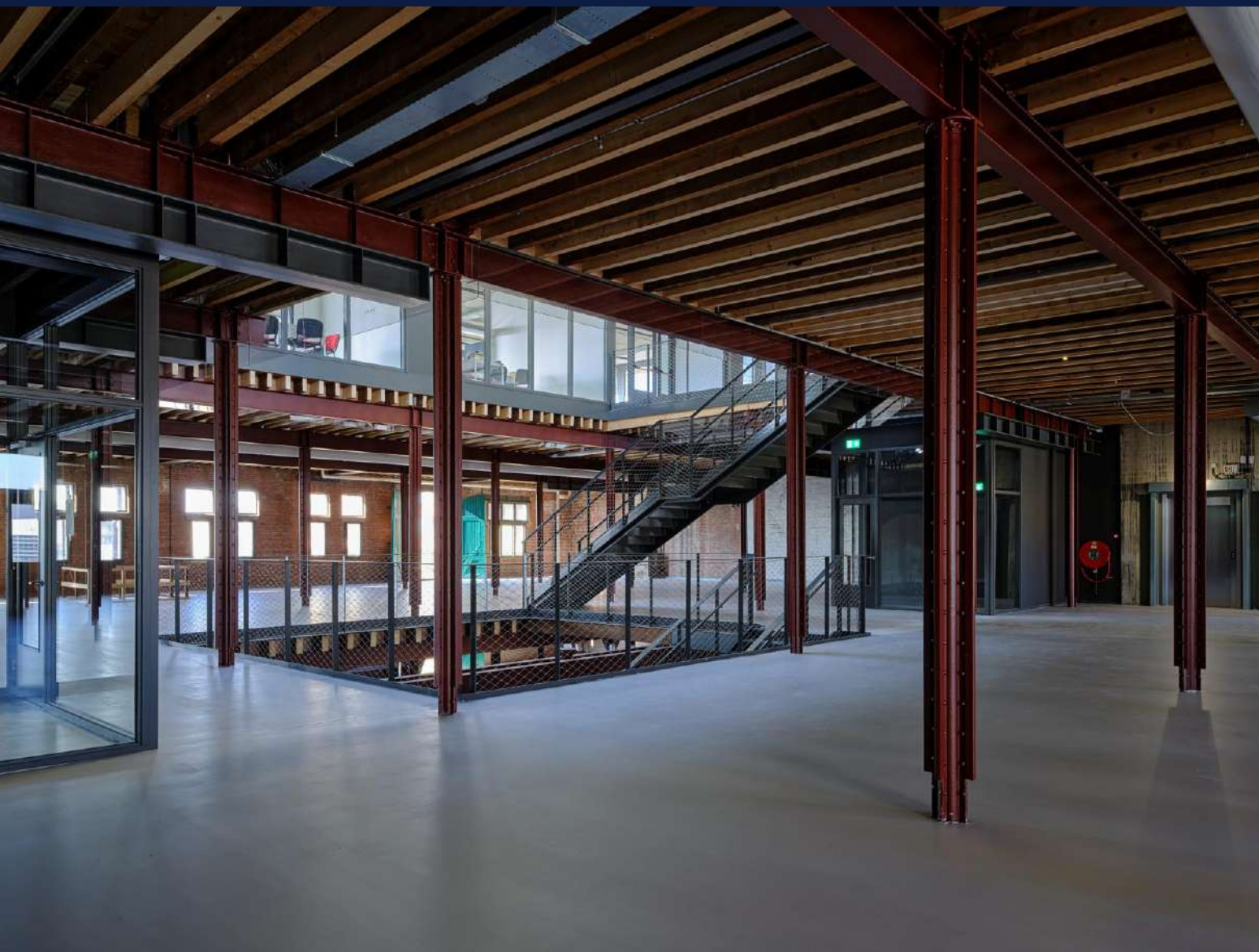
HARDSTEEN 1250 x 1250 x 400.

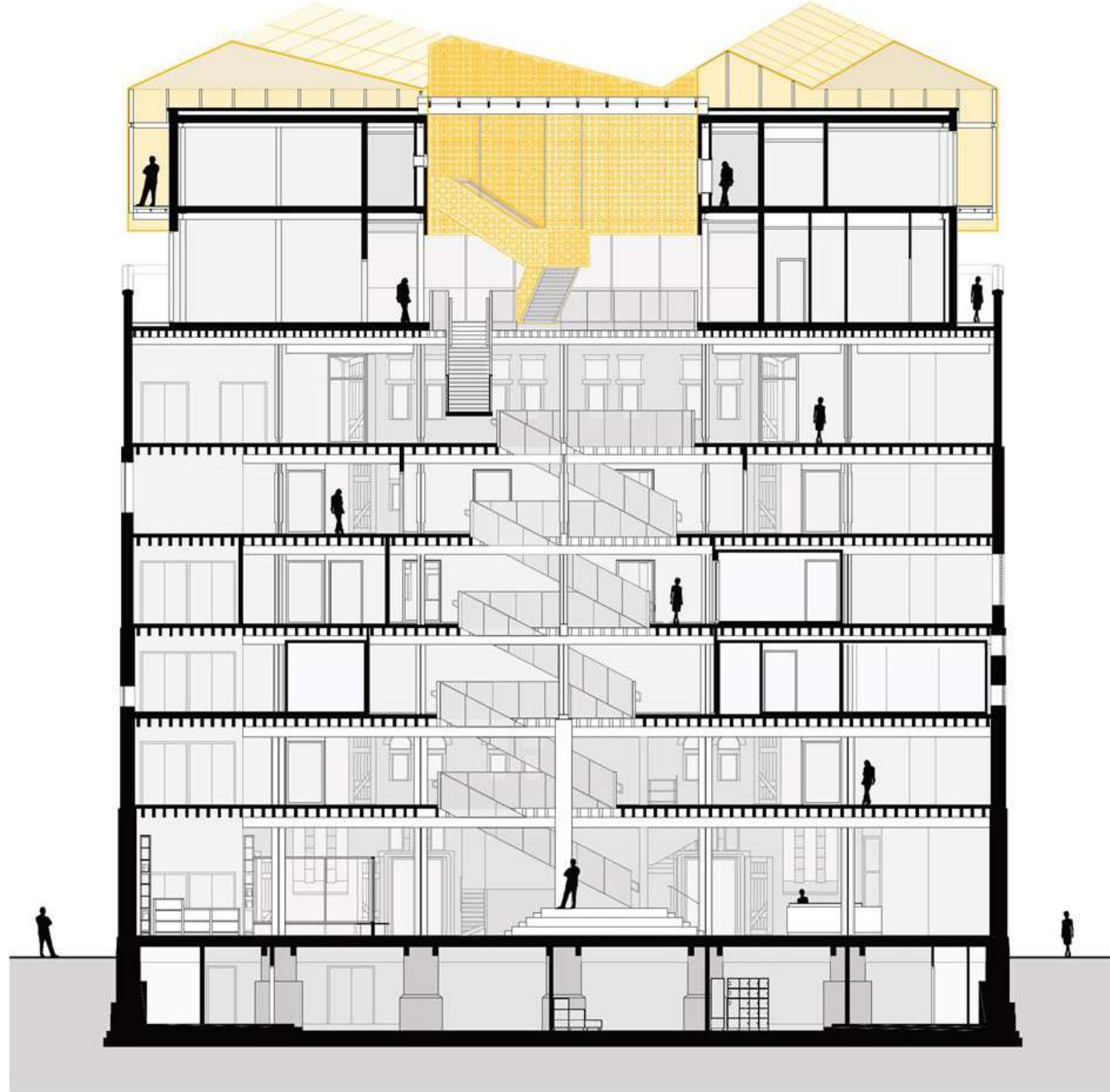












7^e

6^e

5^e

4^e

3^e

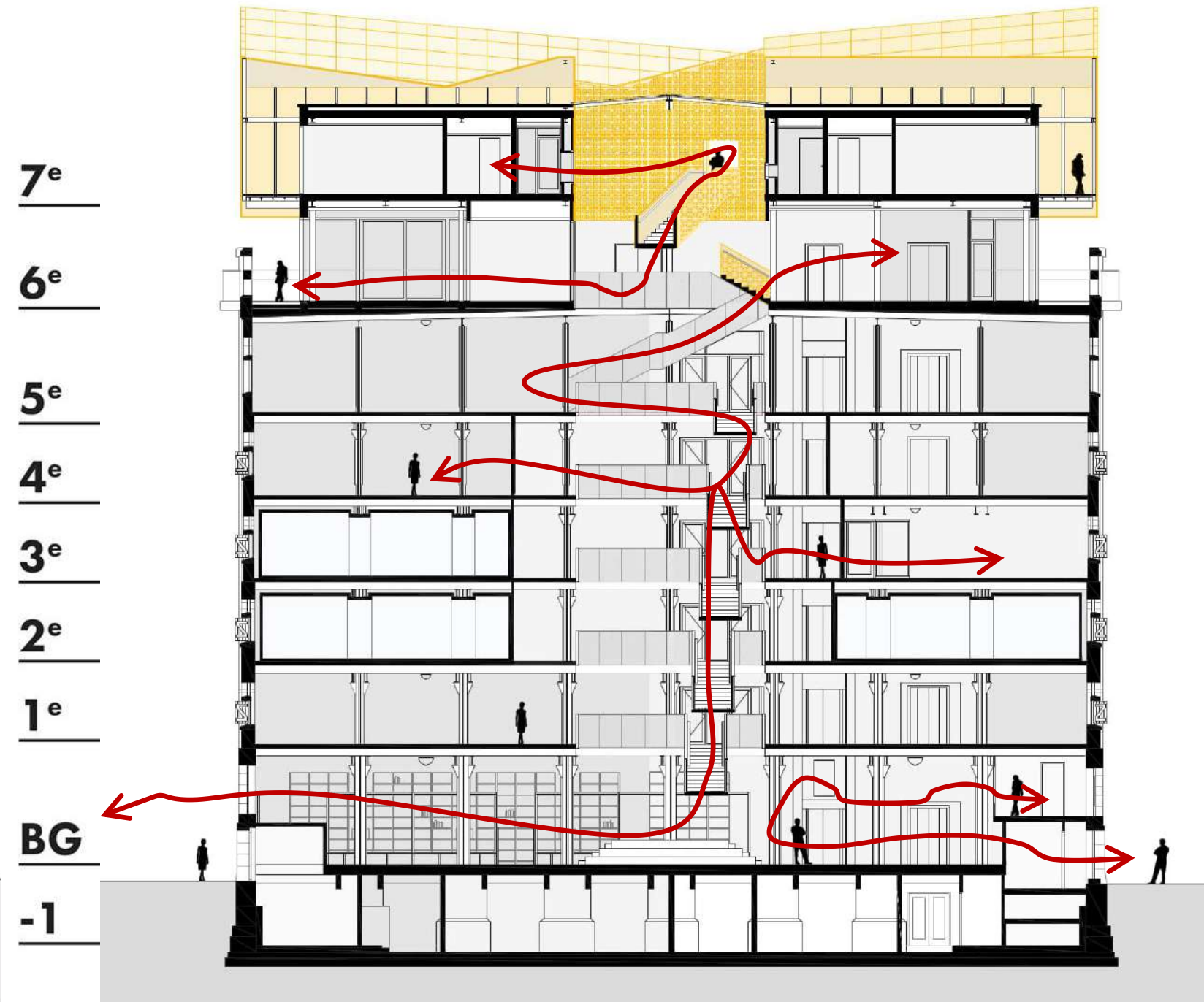
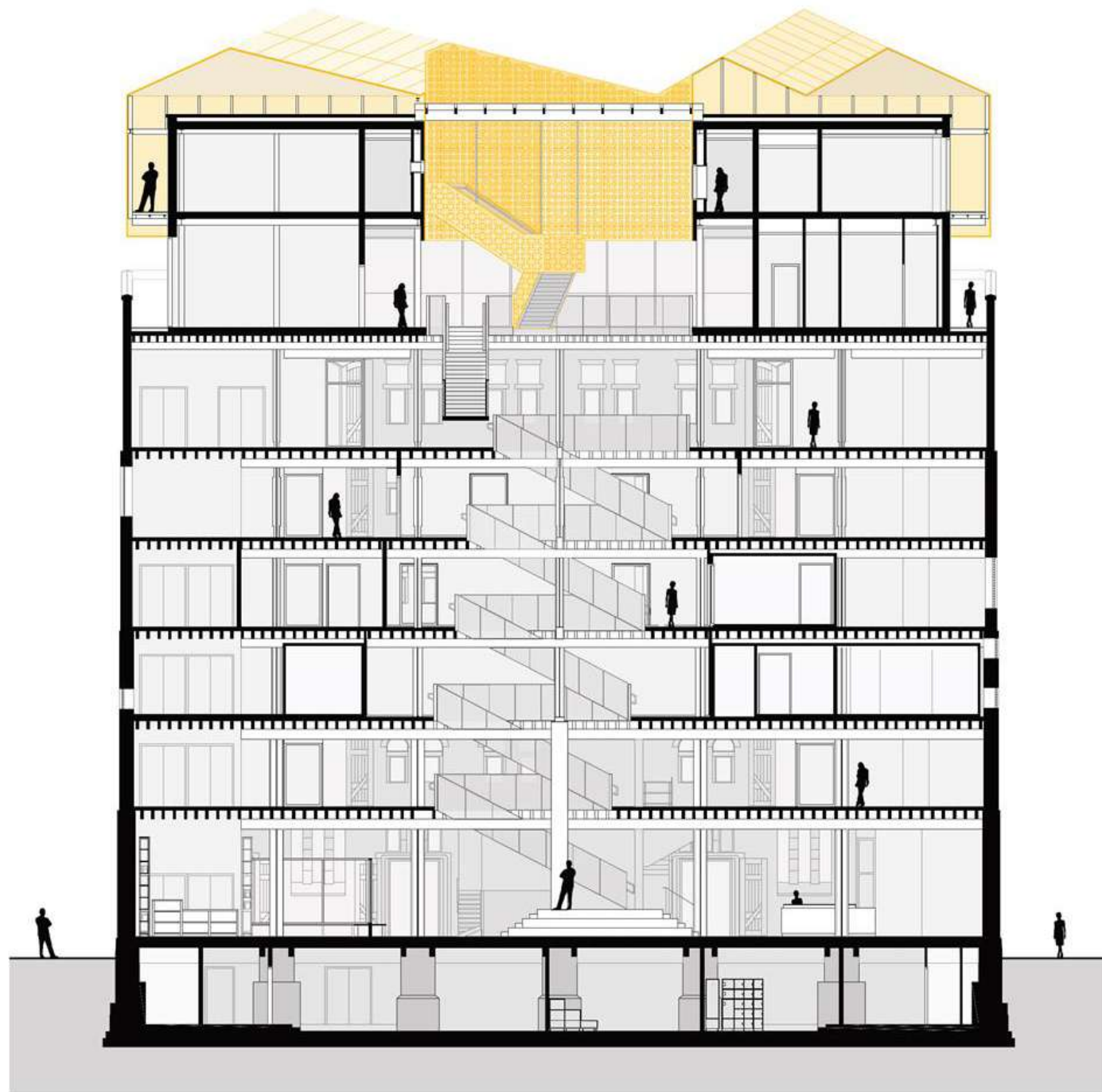
2^e

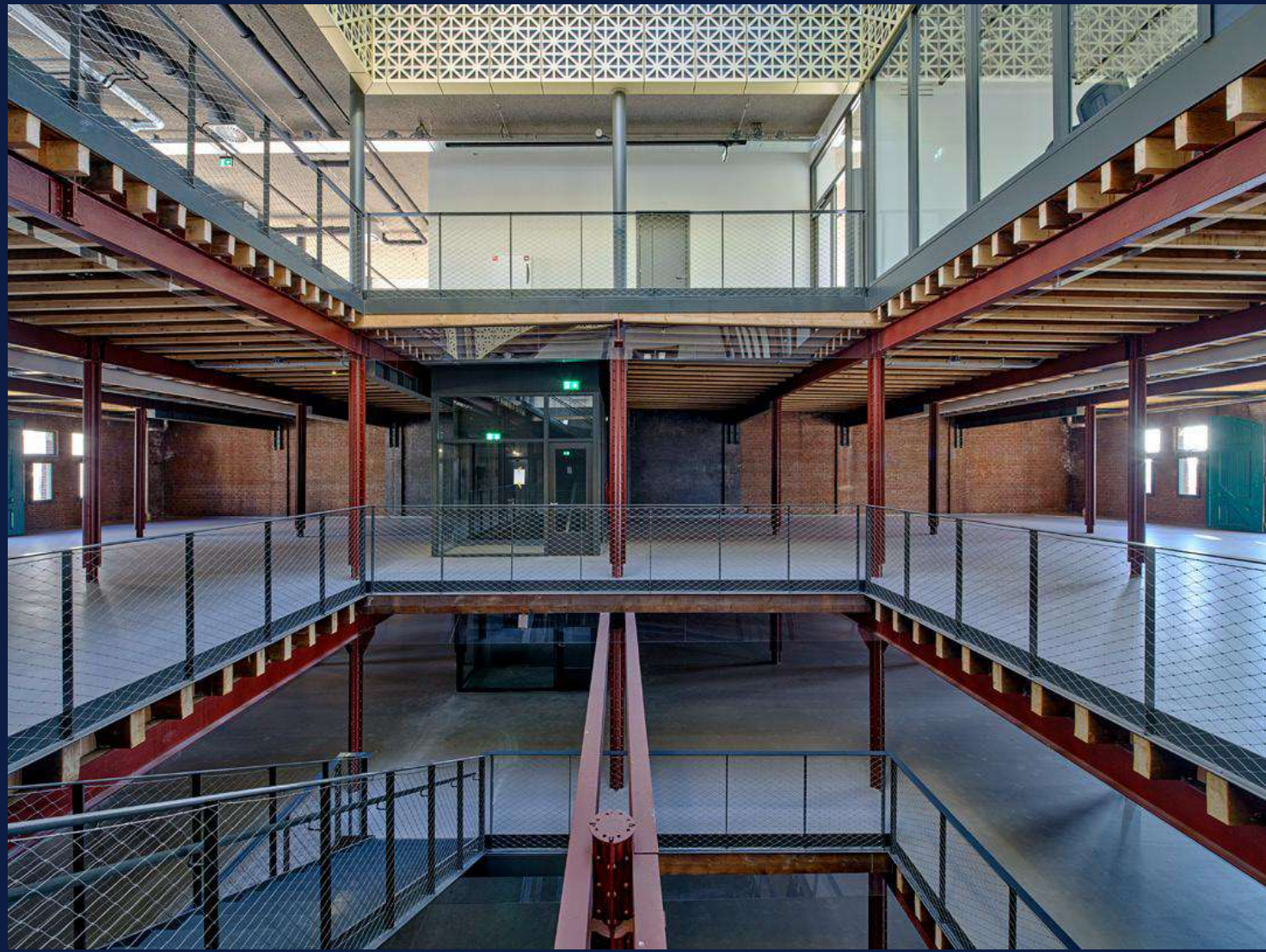
1^e

BG

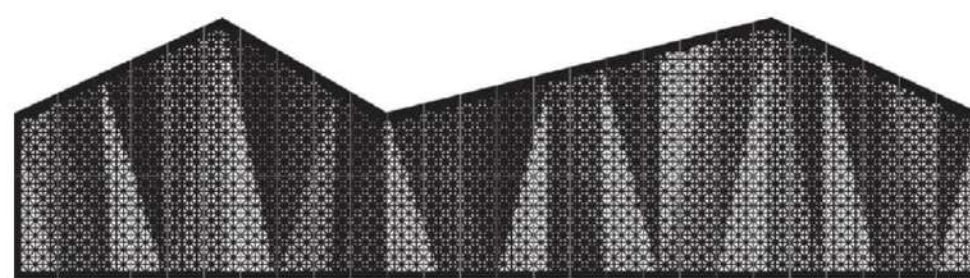
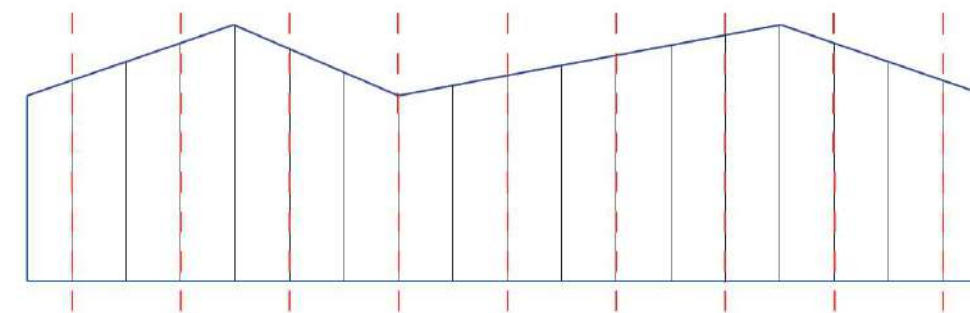
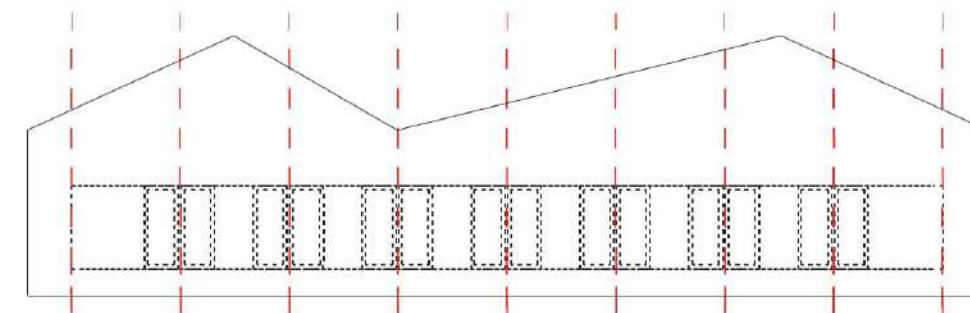
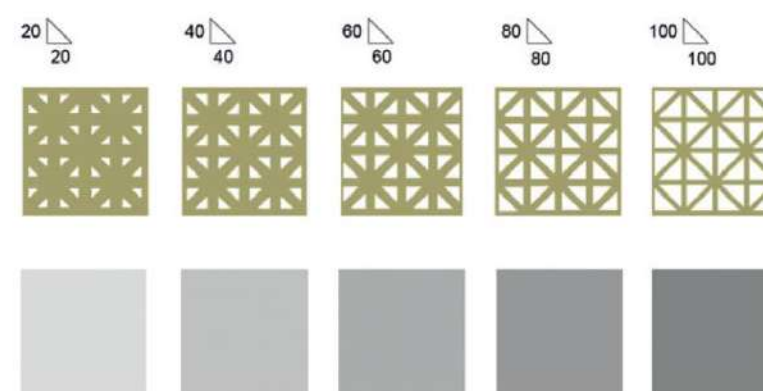
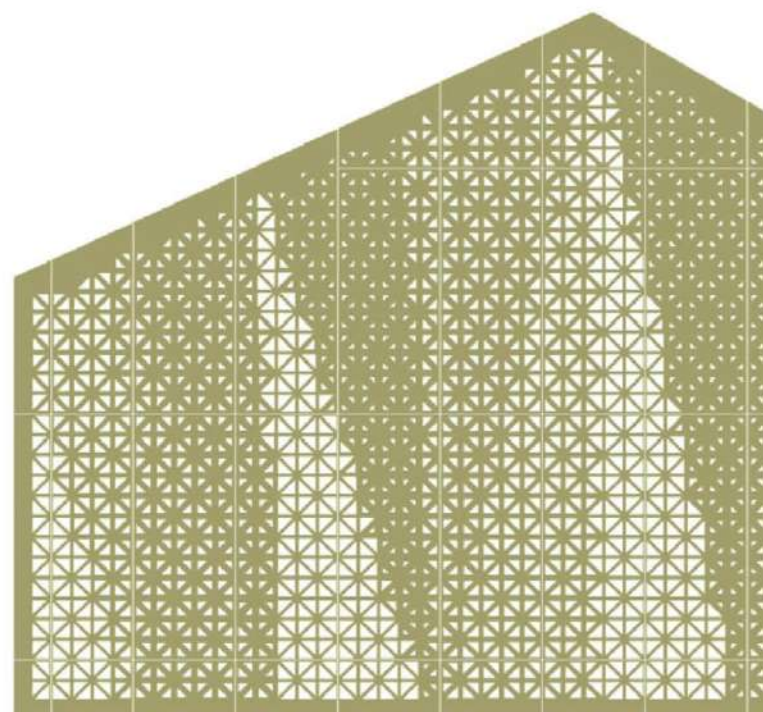
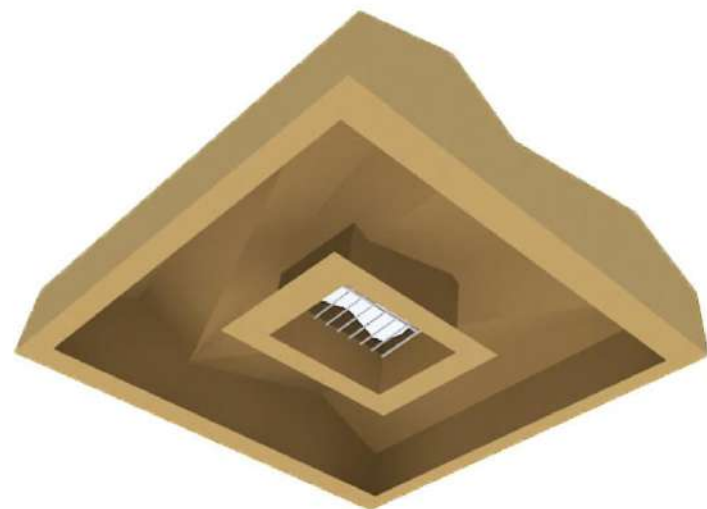
-1

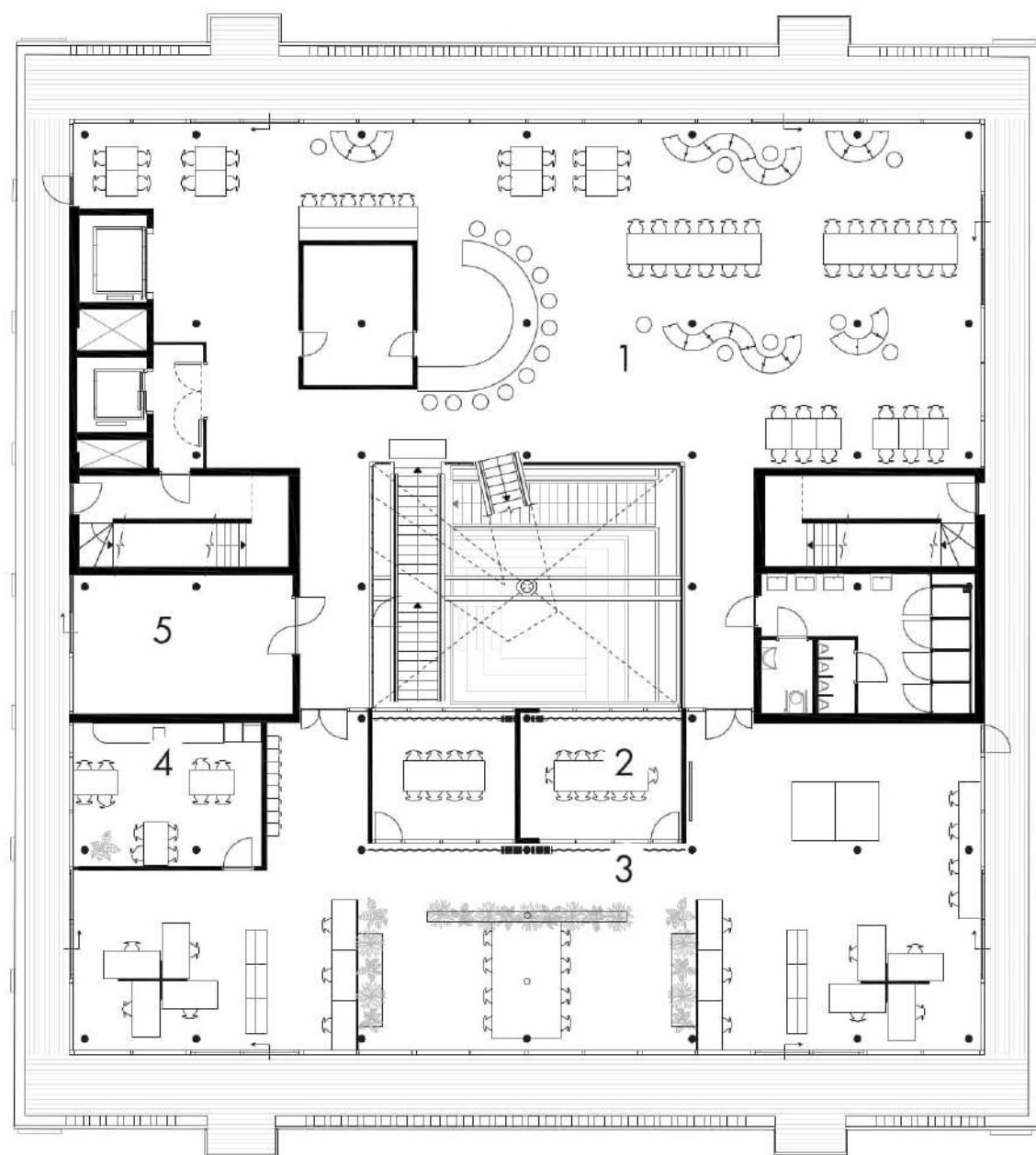






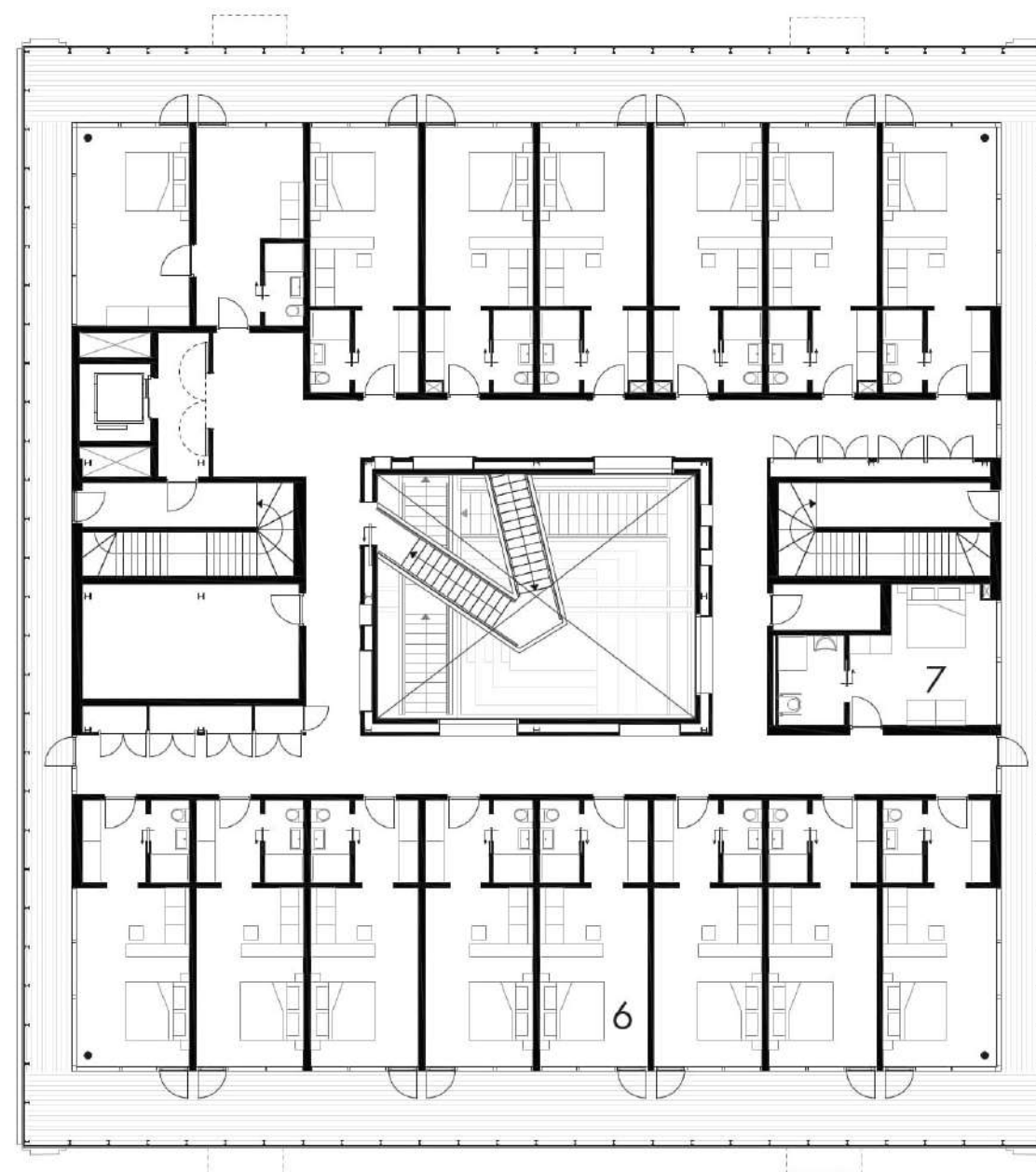




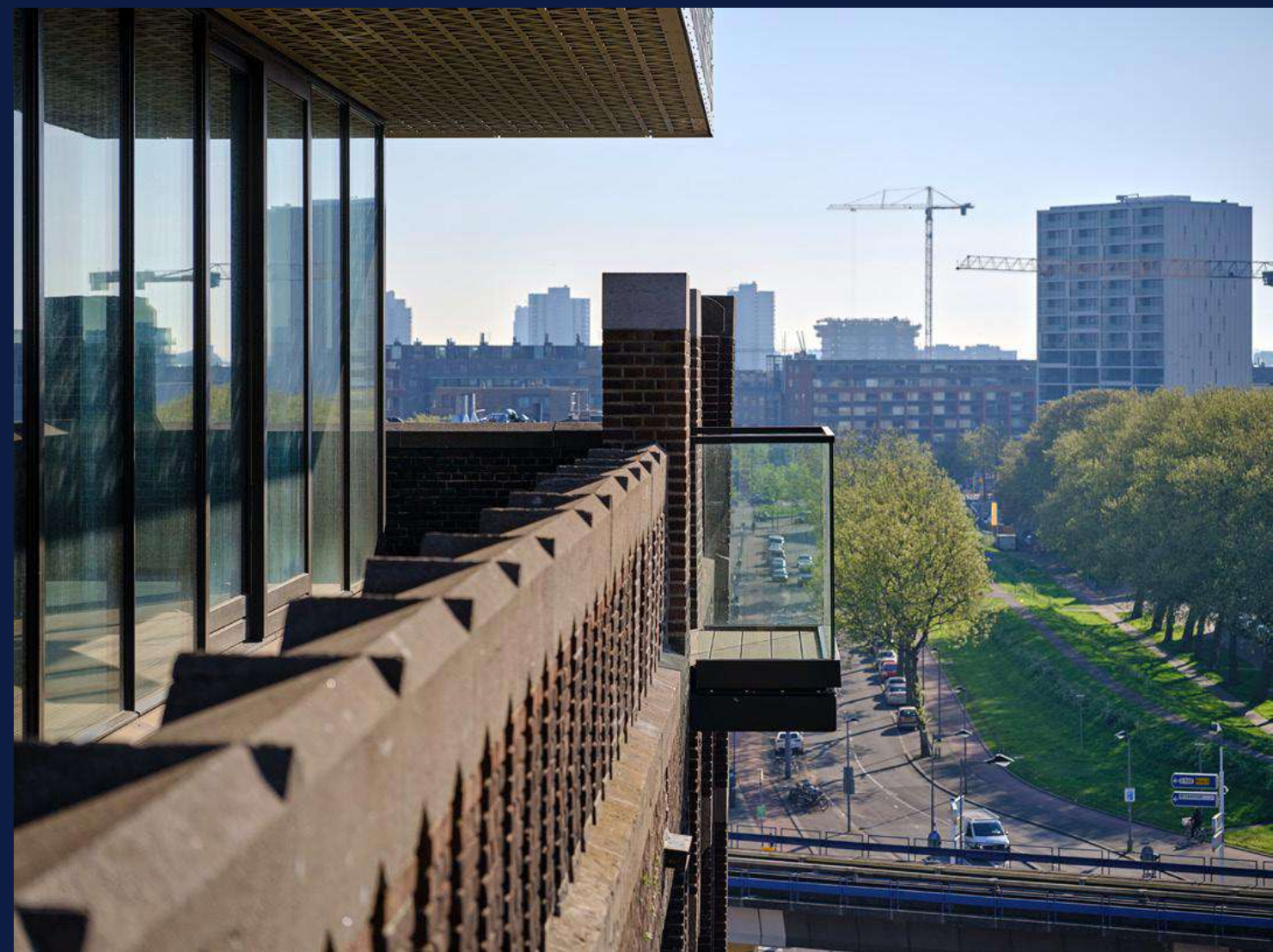


- 1 restaurant
- 2 vergaderruimte | meeting room
- 3 kantoor | office
- 4 personeelsruimte | staff room
- 5 keuken | kitchen
- 6 standard apartment
- 7 MIVA apartment | disabled friendly apartment

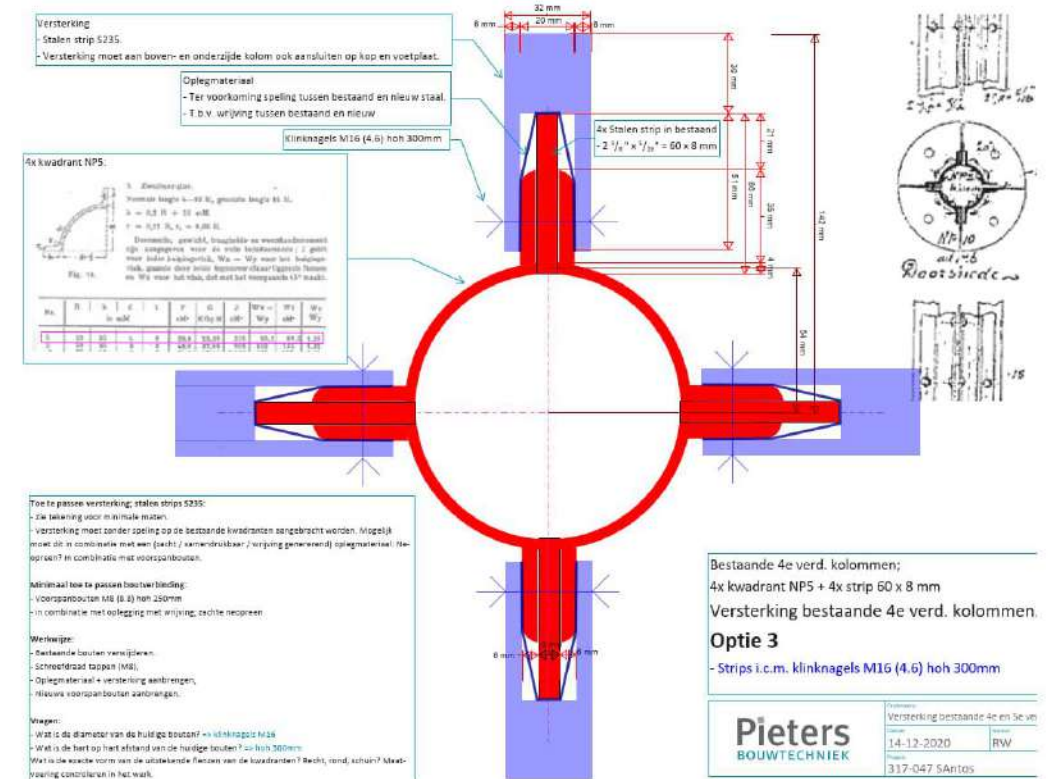
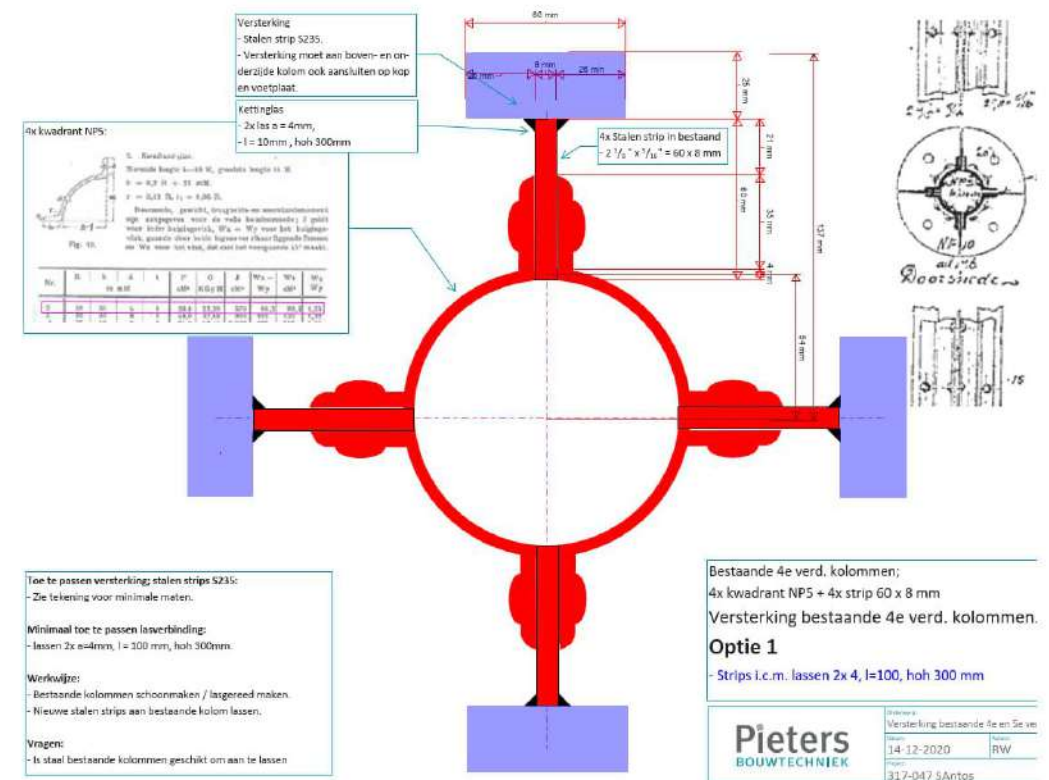
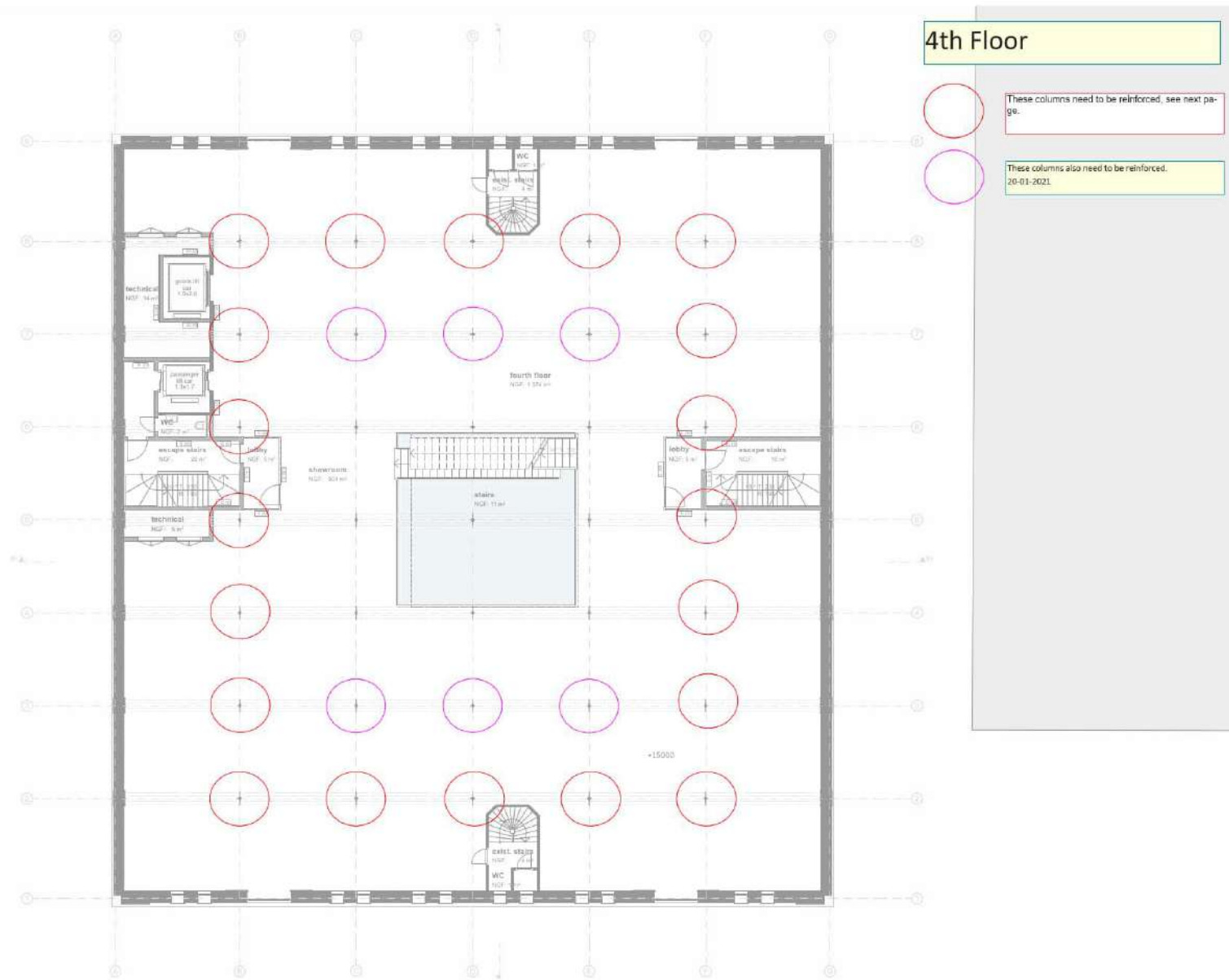
6^{de} verdieping

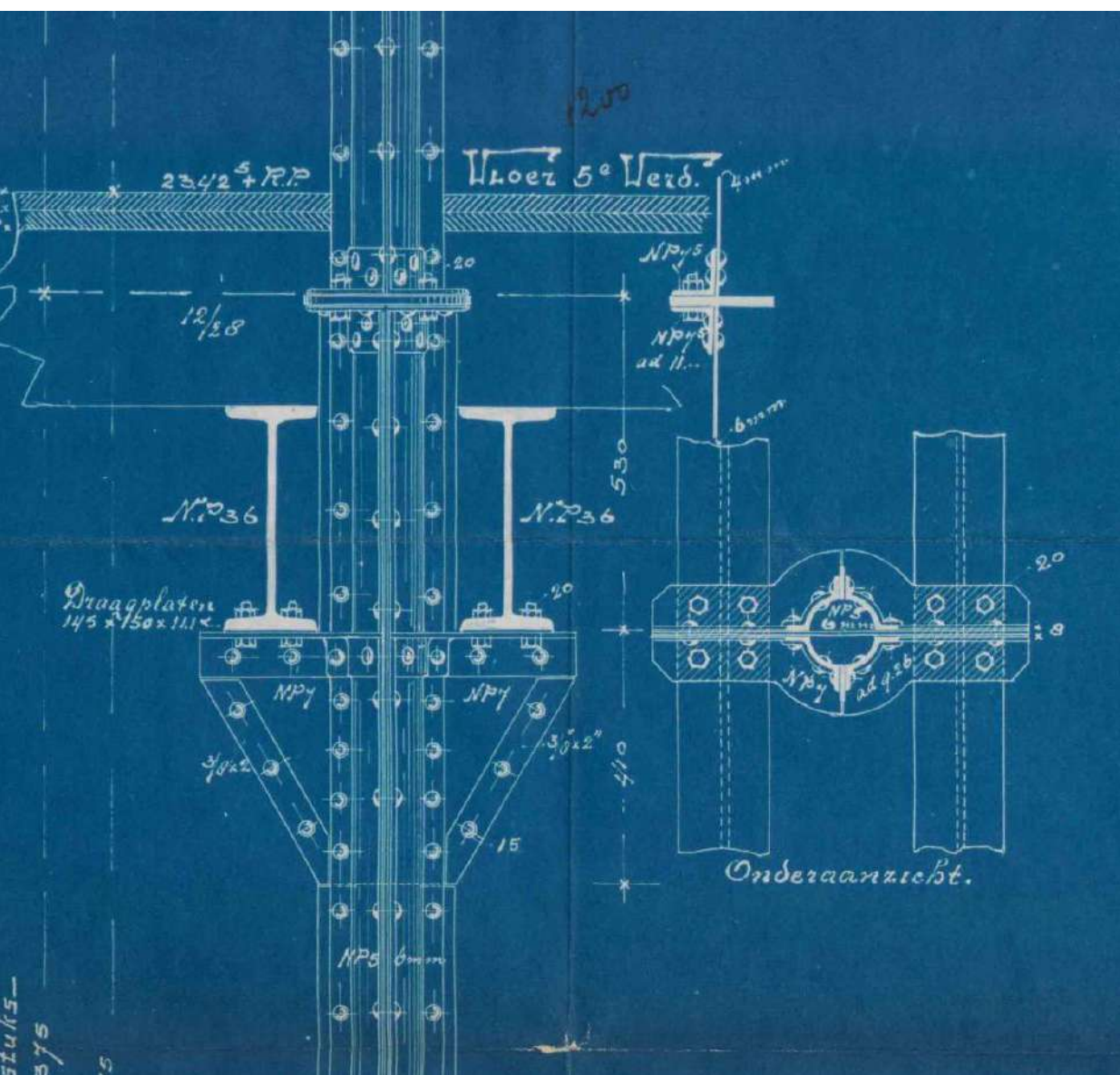


7^{de} verdieping

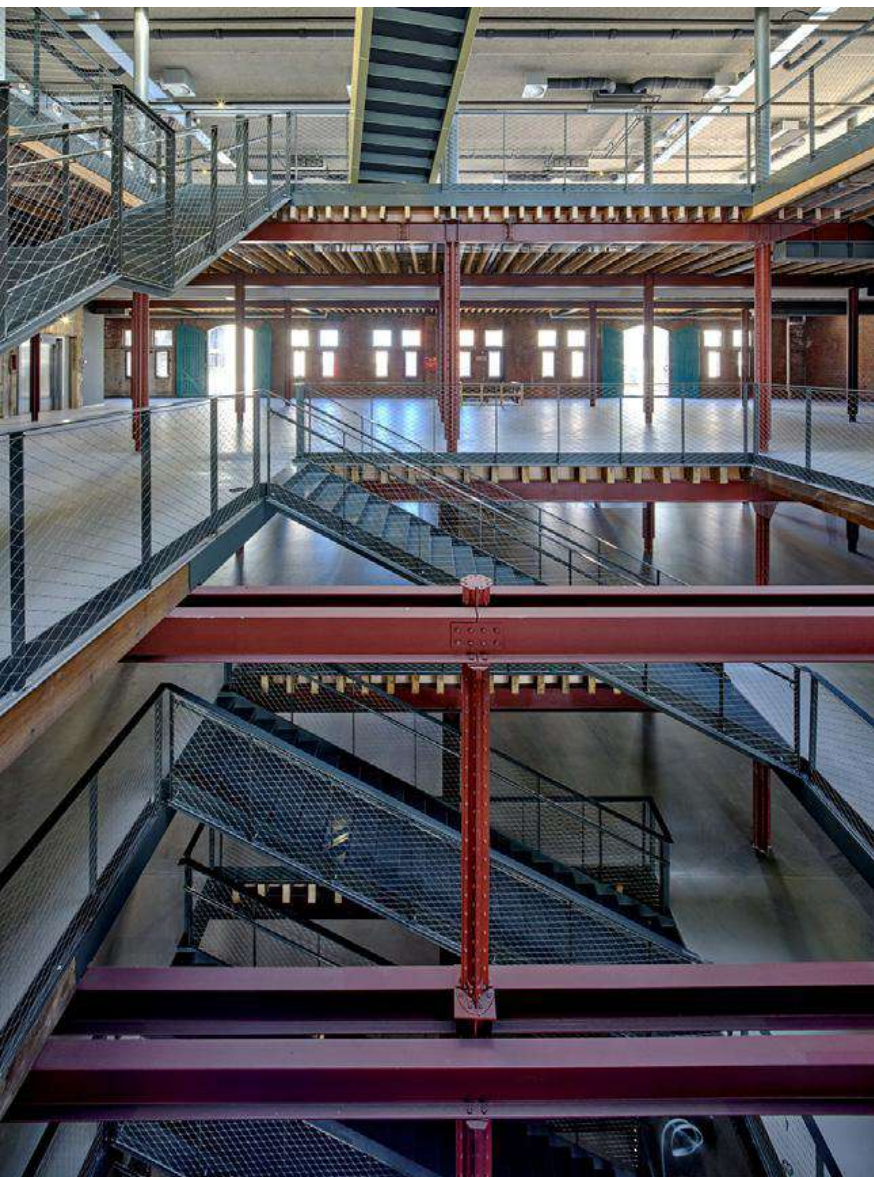


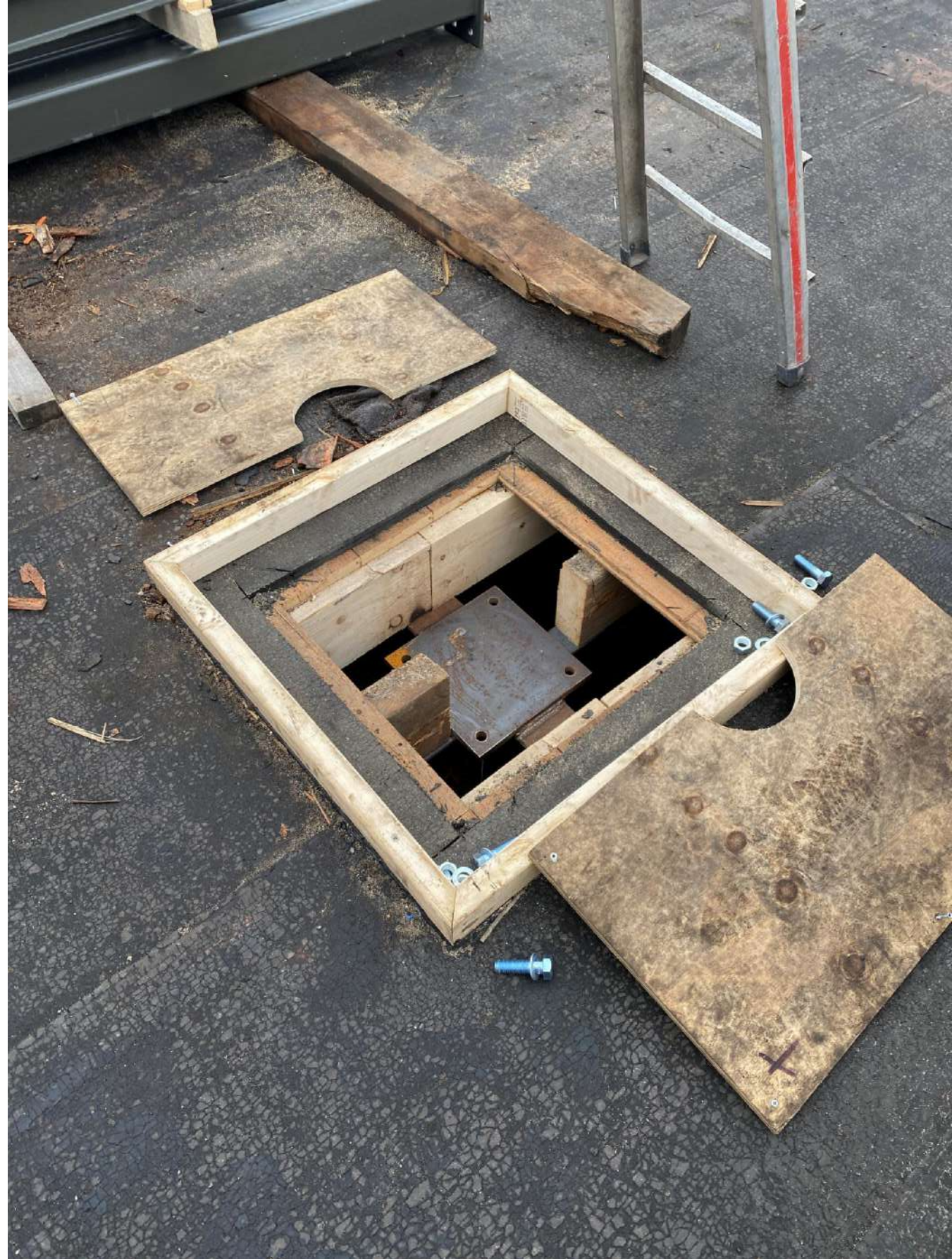


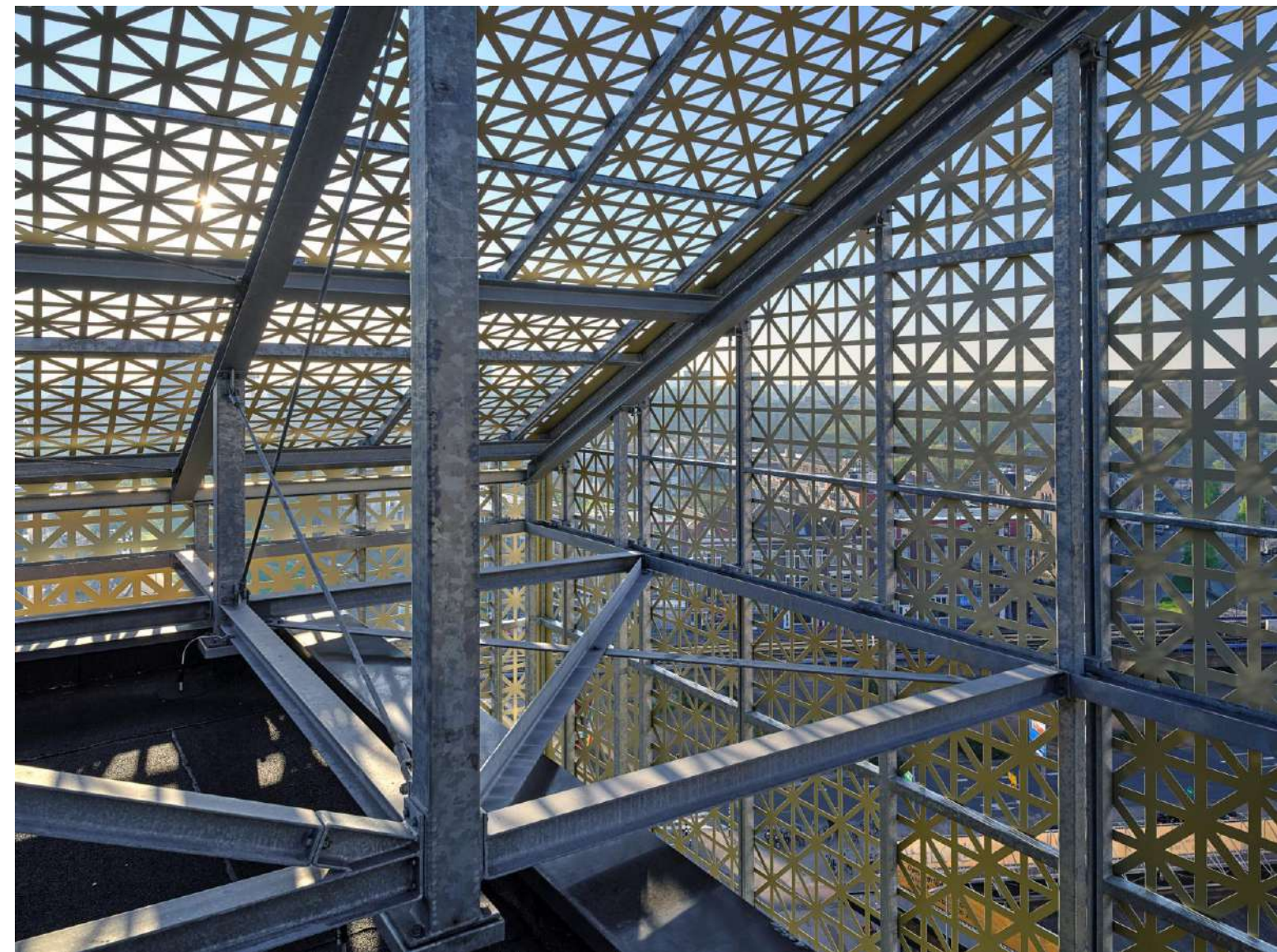




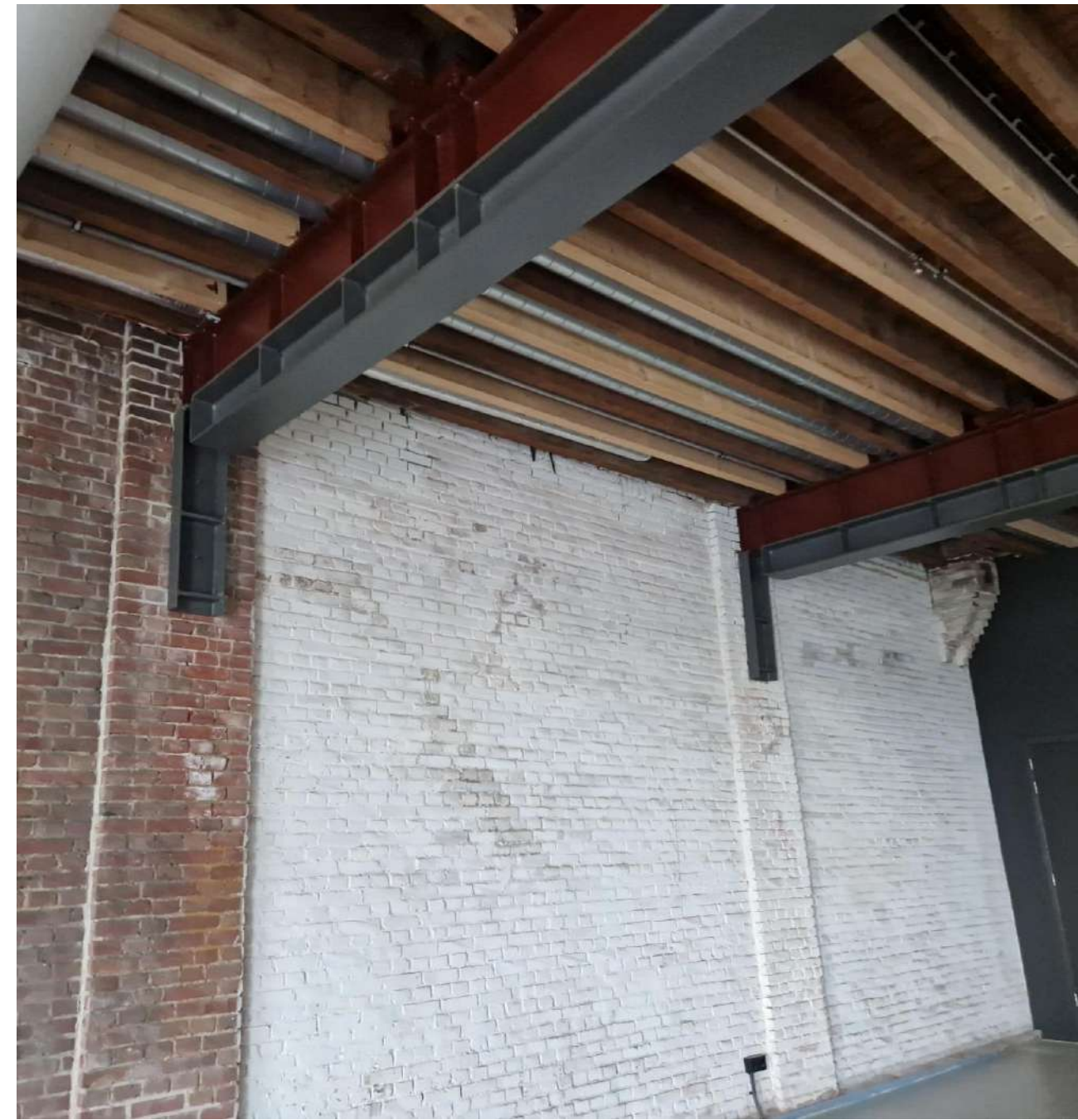


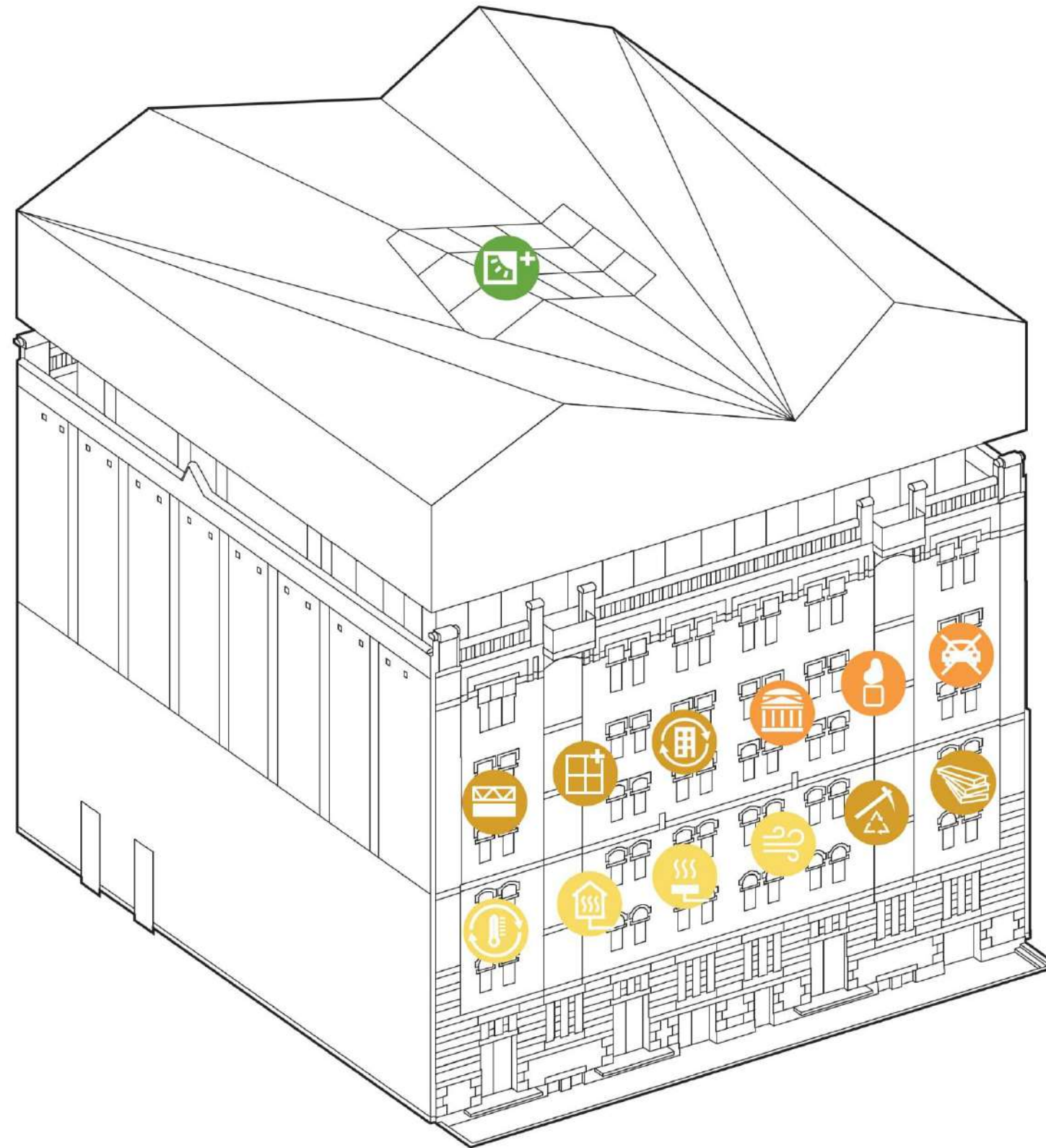












-  daken en vloeren (behalve souterrain) geïsoleerd
-  nieuwe isolatiebeglazing
-  hergebruik bestaand gebouw
-  uitkomend materiaal tijdens de bouw is hergebruikt
-  nieuwe kozijnen en gevelbekleding nieuwbouw van hout
-  gasloos
-  stadsverwarming
-  vloerverwarming
-  gecontroleerde ventilatie
-  extra daglichttoetreding door creëren van vide en dakraam
-  duurzaam cultureel erfgoed
-  de nabijheid van kunst
-  autogebruik ontmoedigen: geen parkeerplekken







NEDERLANDS FOTOMUSEUM IN PAKHUIS SANTOS ROTTERDAM

short-stay appartementen | short-stay apartments

kantoren, restaurant | offices, restaurant

tijdelijke tentoonstellingen | temporary exhibitions

tijdelijke tentoonstellingen | temporary exhibitions

open ateliers en depots | open ateliers and depots

open depots

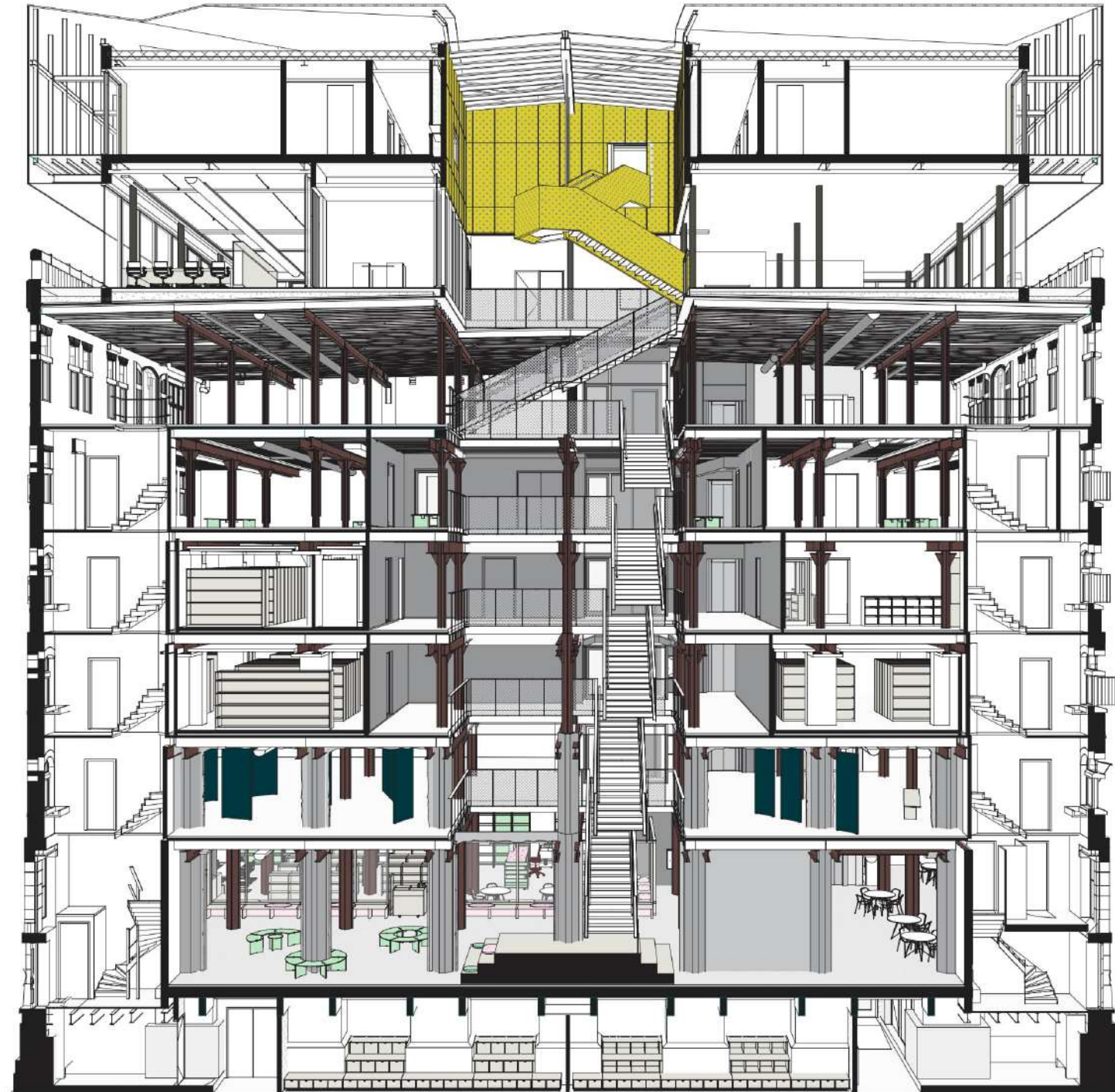
Eregalerij | Gallery of Honour

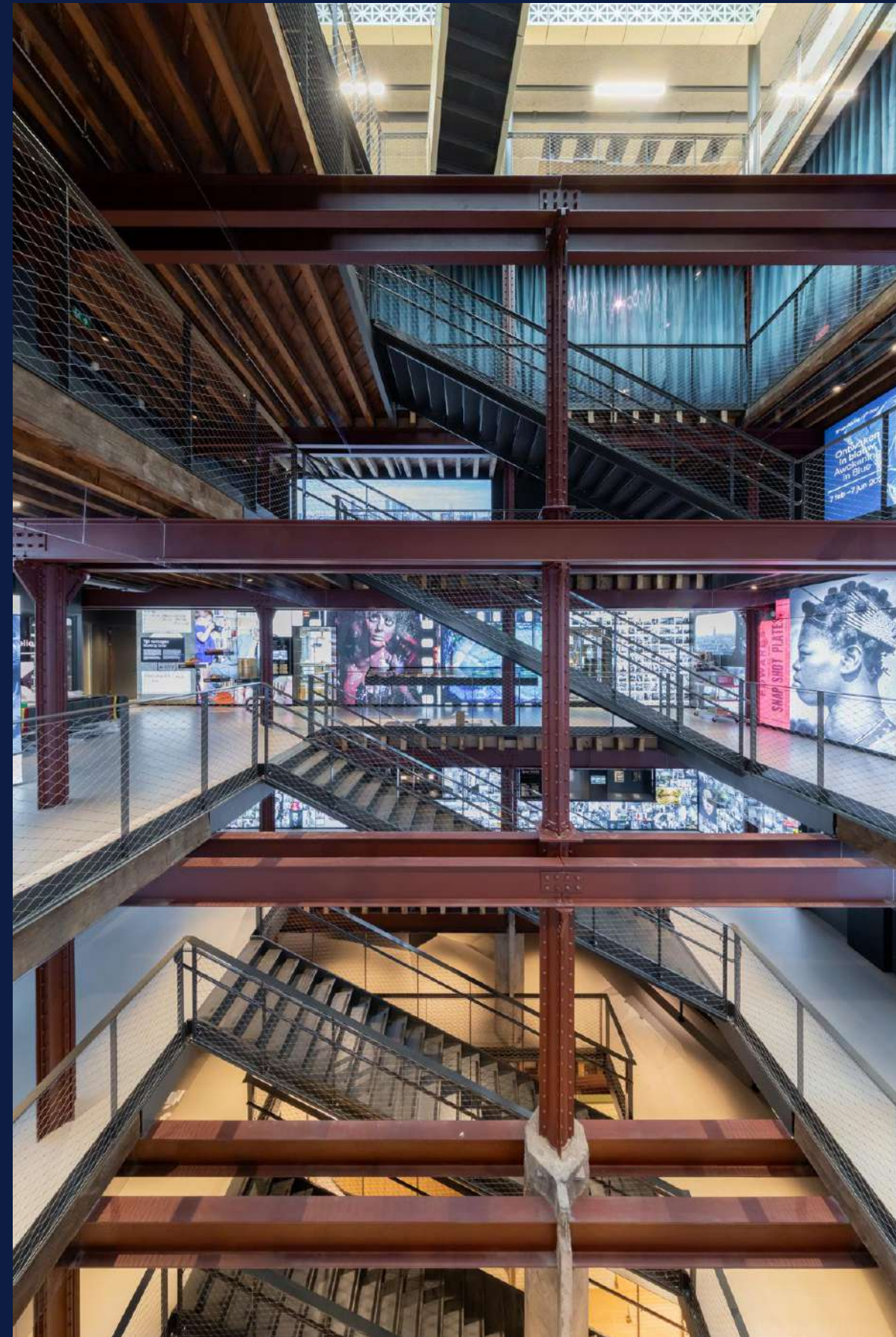
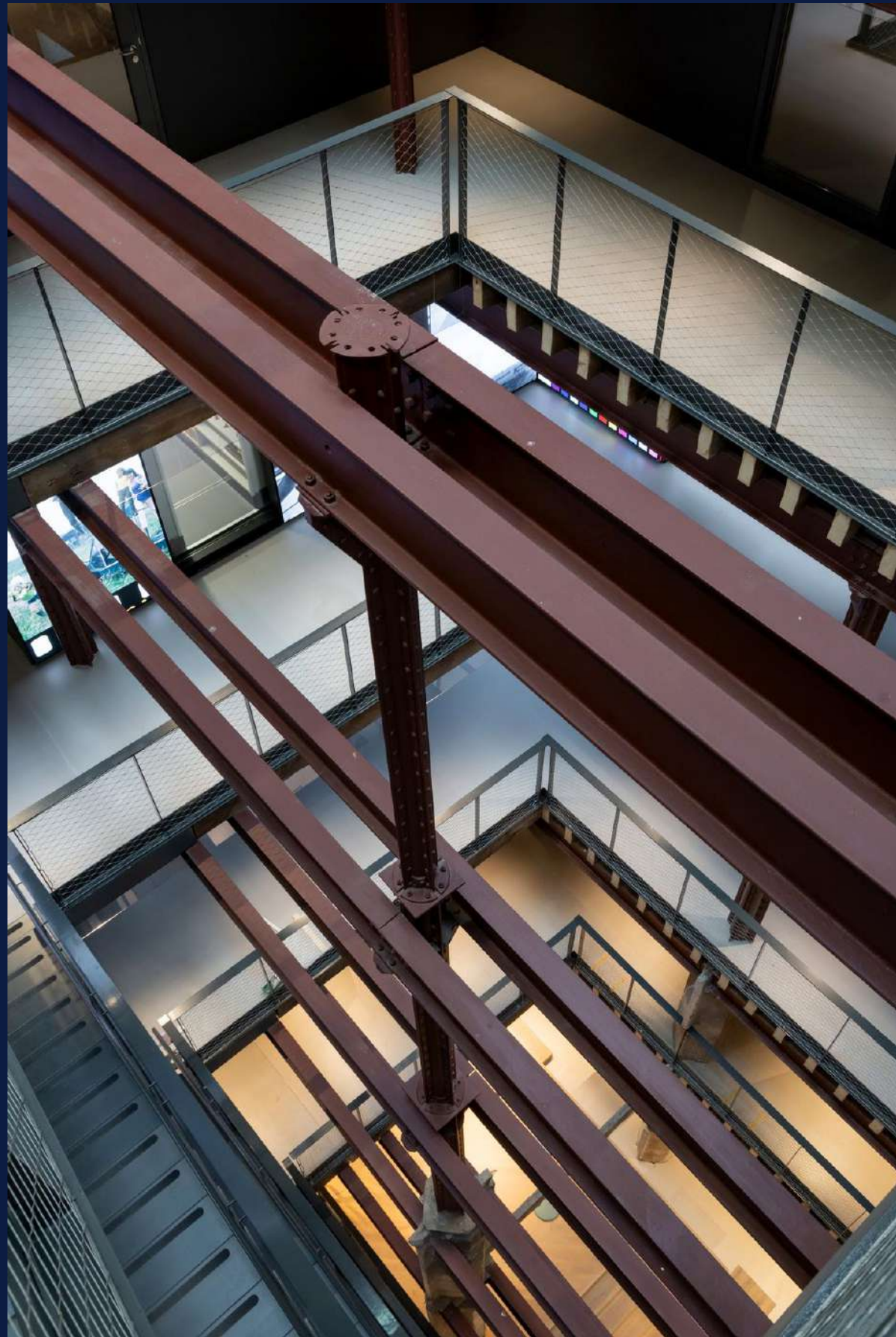
tickets & info, shop, bibliotheek, café |

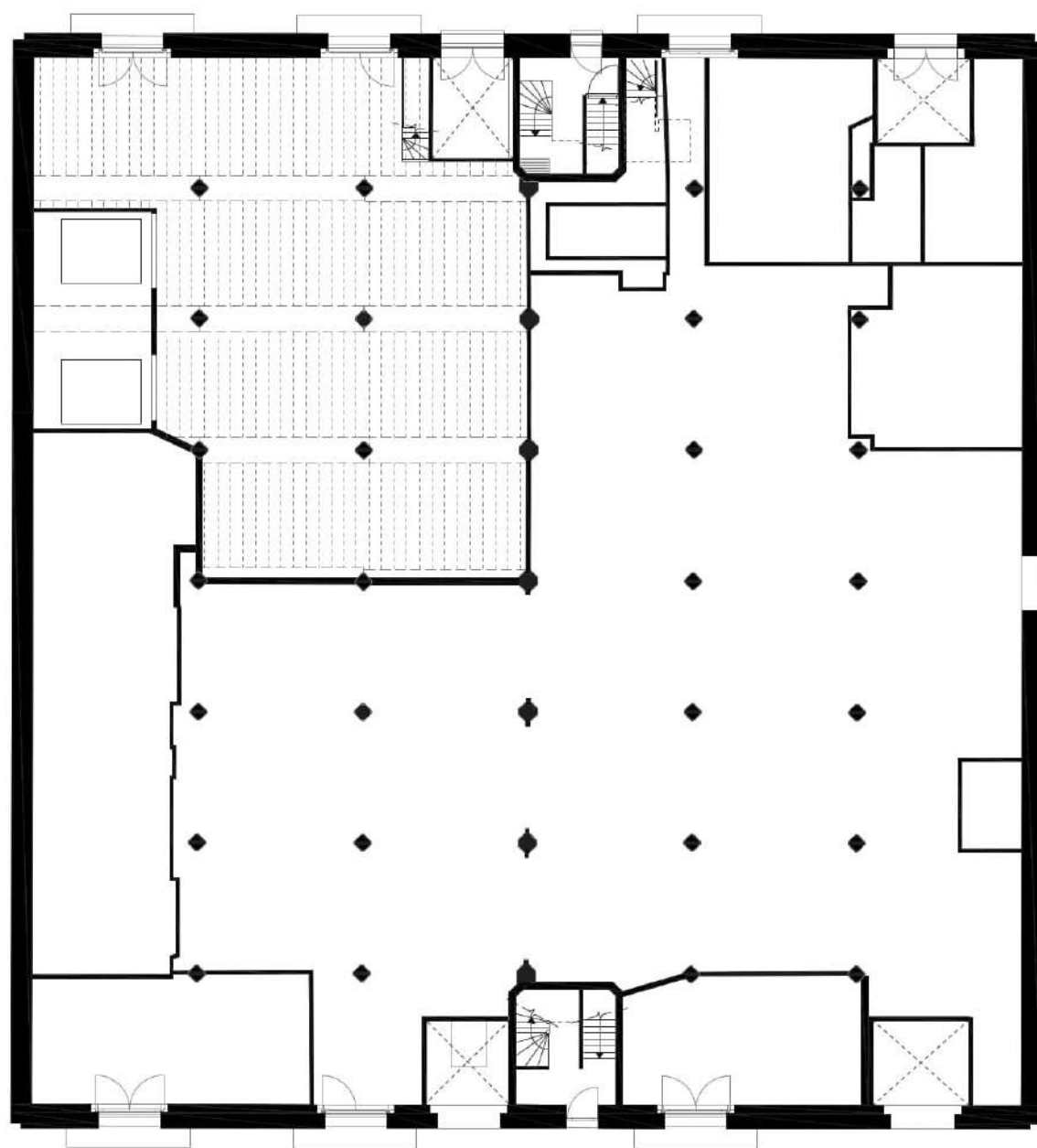
tickets & info, shop, library, café

educatie, donkere kamer, sanitair en kluisjes |

education, darkroom, sanitary and lockers

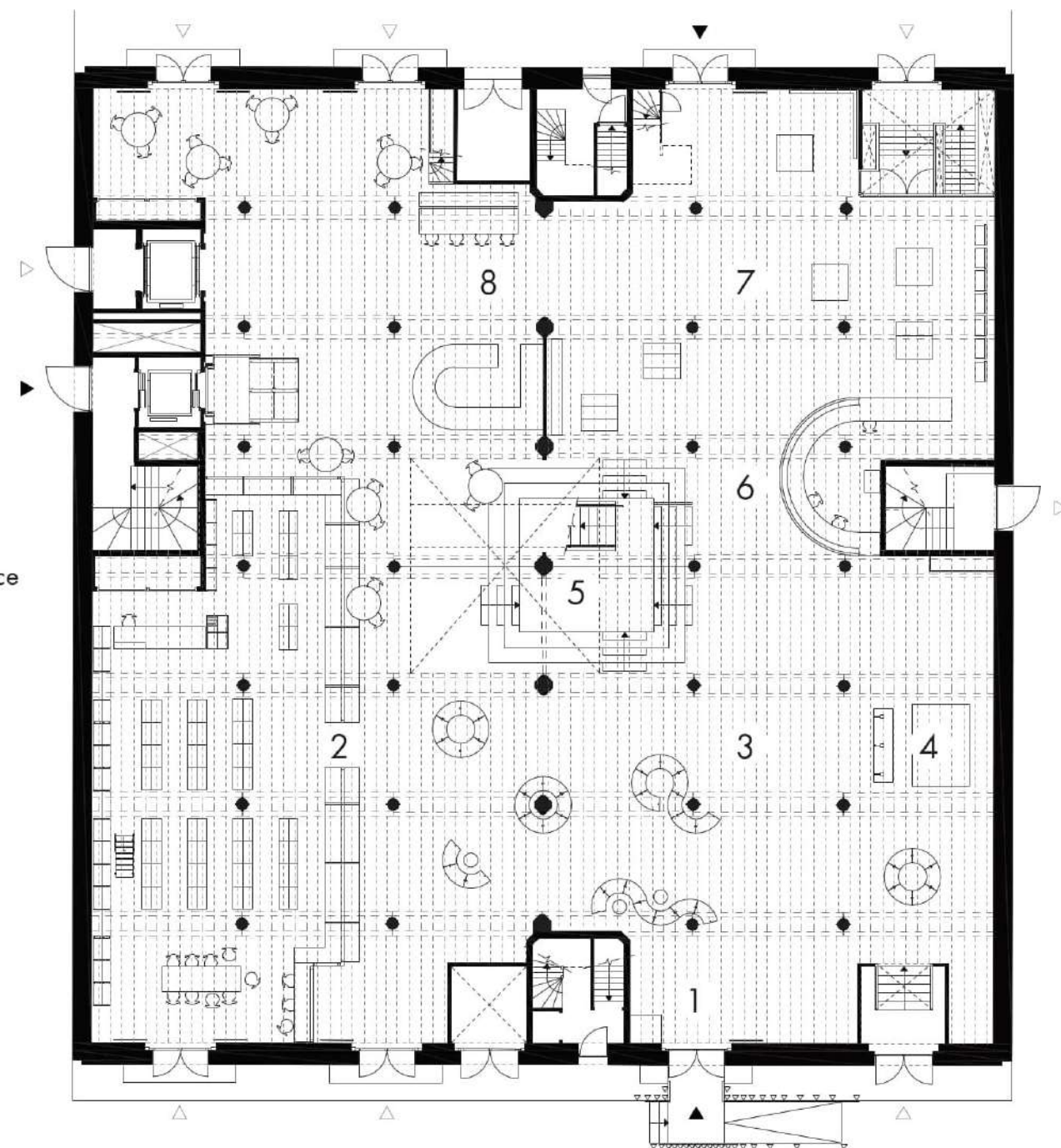






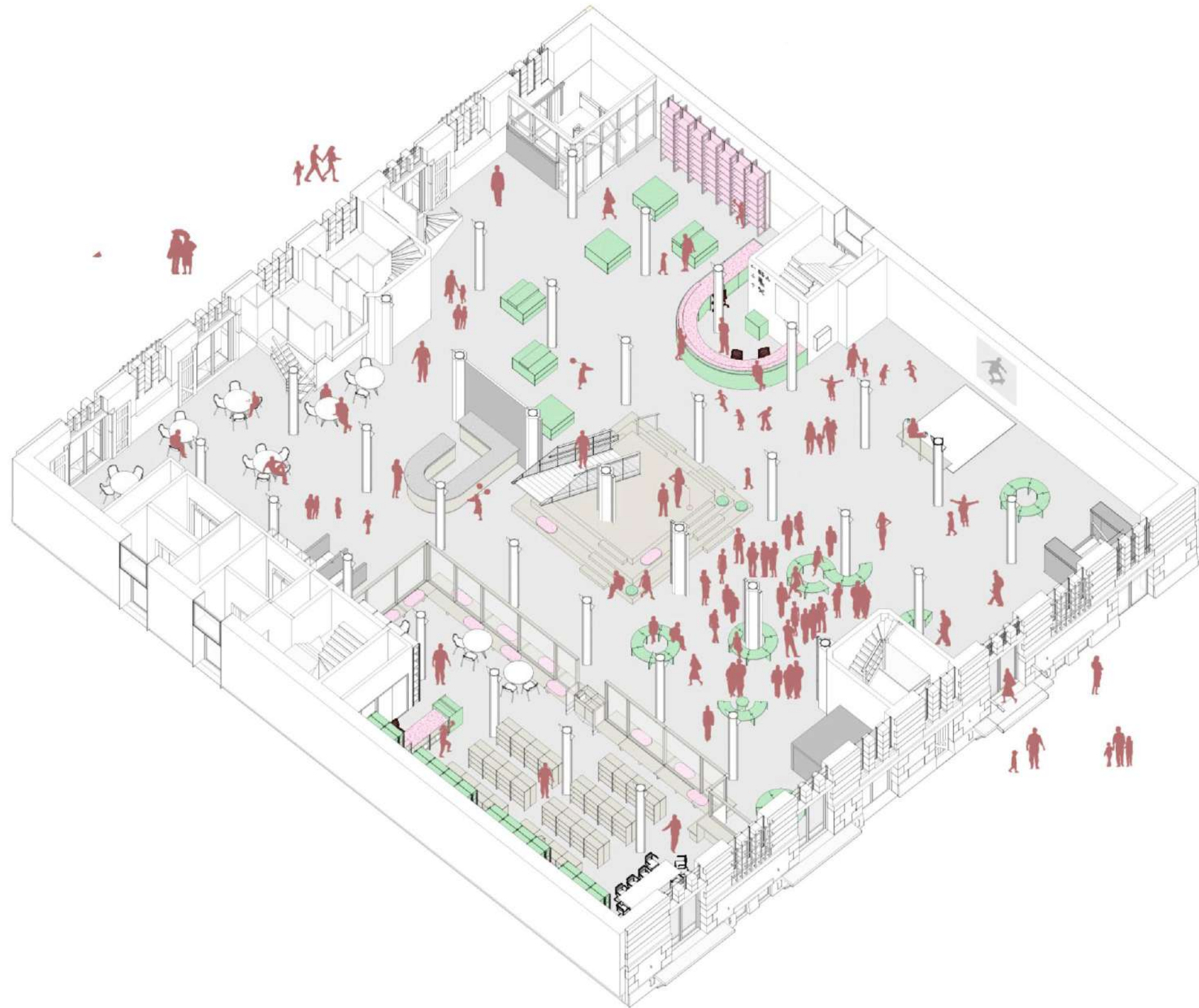
2018

- 1 hoofdentree | main entrance
- 2 bibliotheek | library
- 3 evenementenruimte | event space
- 4 film
- 5 podium | stage
- 6 info
- 7 shop
- 8 café



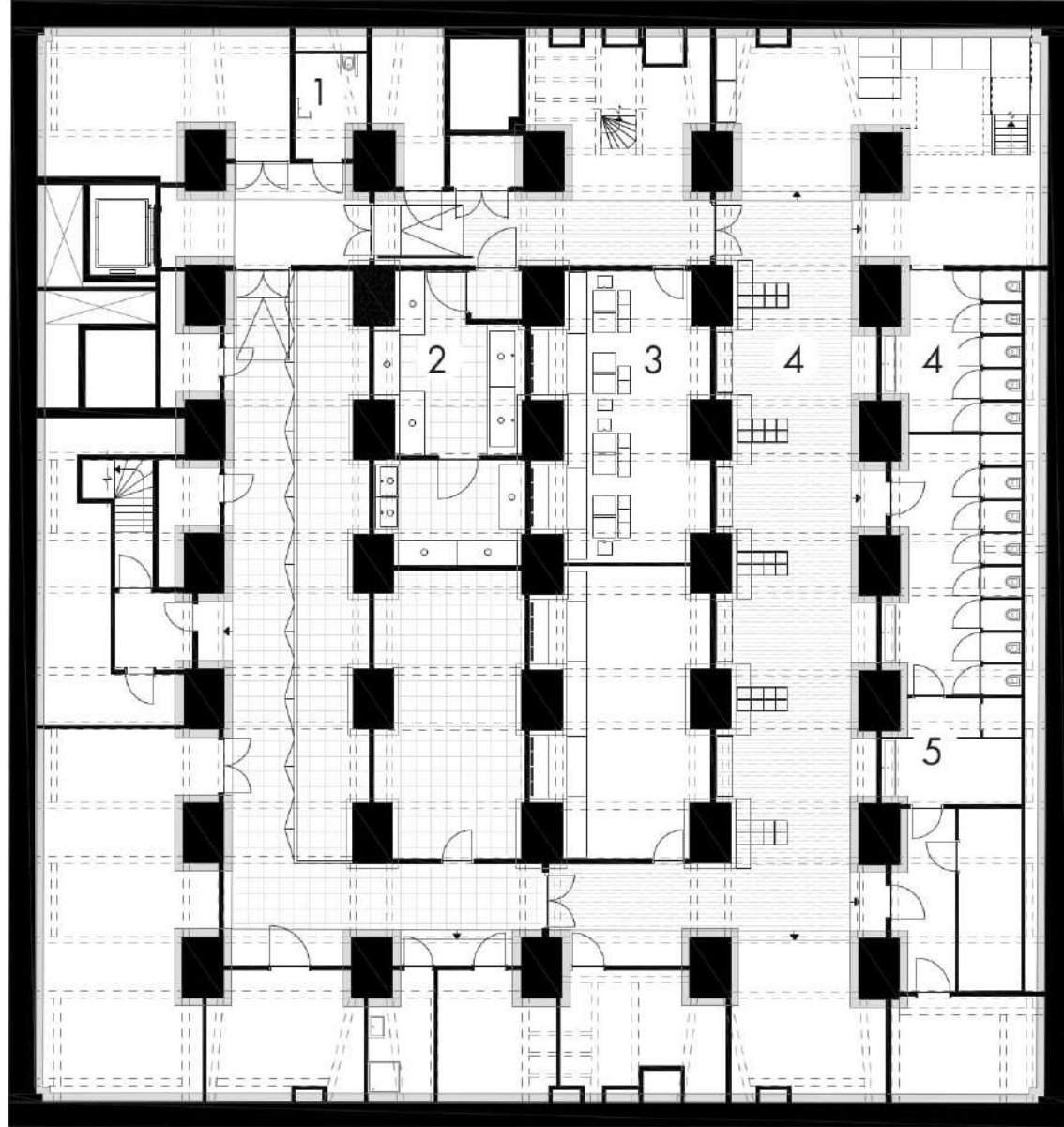
begane grond





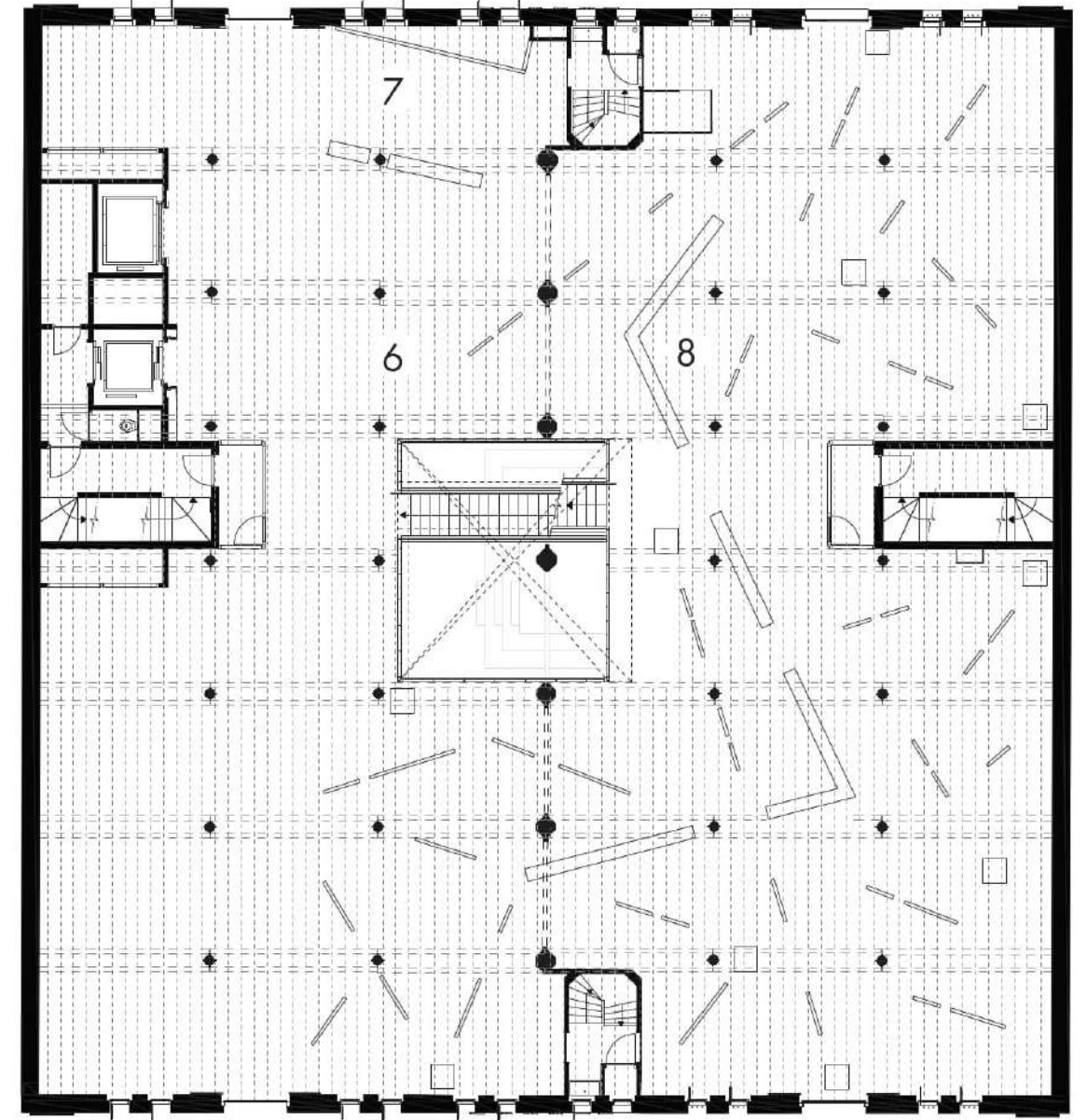






- 1 sanitair | sanitary
- 2 donkere kamer | darkroom
- 3 educatie | education
- 4 garderobe | wardrobe
- 5 kolfruimte | lactation room
- 6 Eregalerij
- 7 film Eregalerij
- 8 tijdelijk Eregalerij

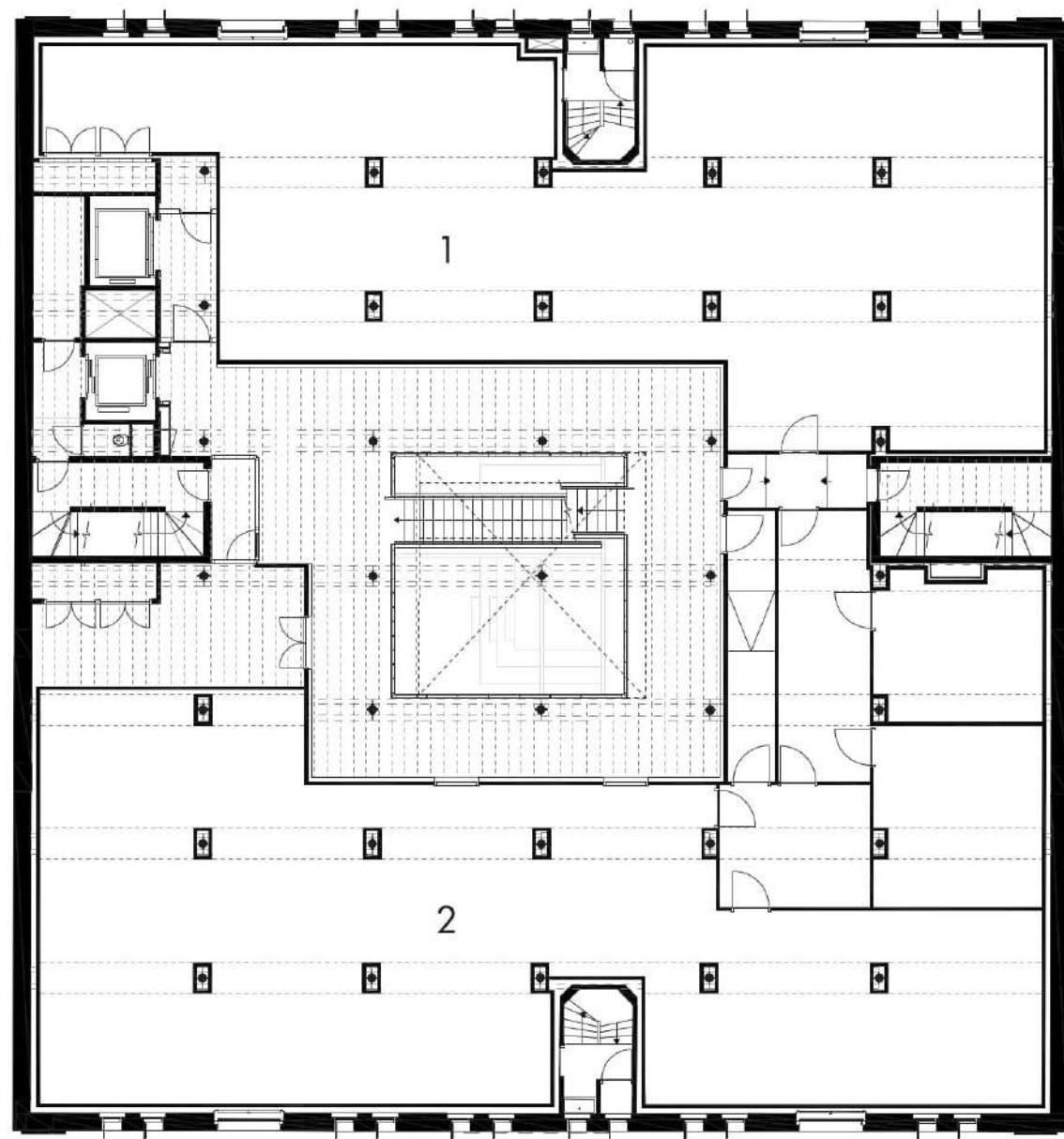
benedenverdieping



1^{de} verdieping

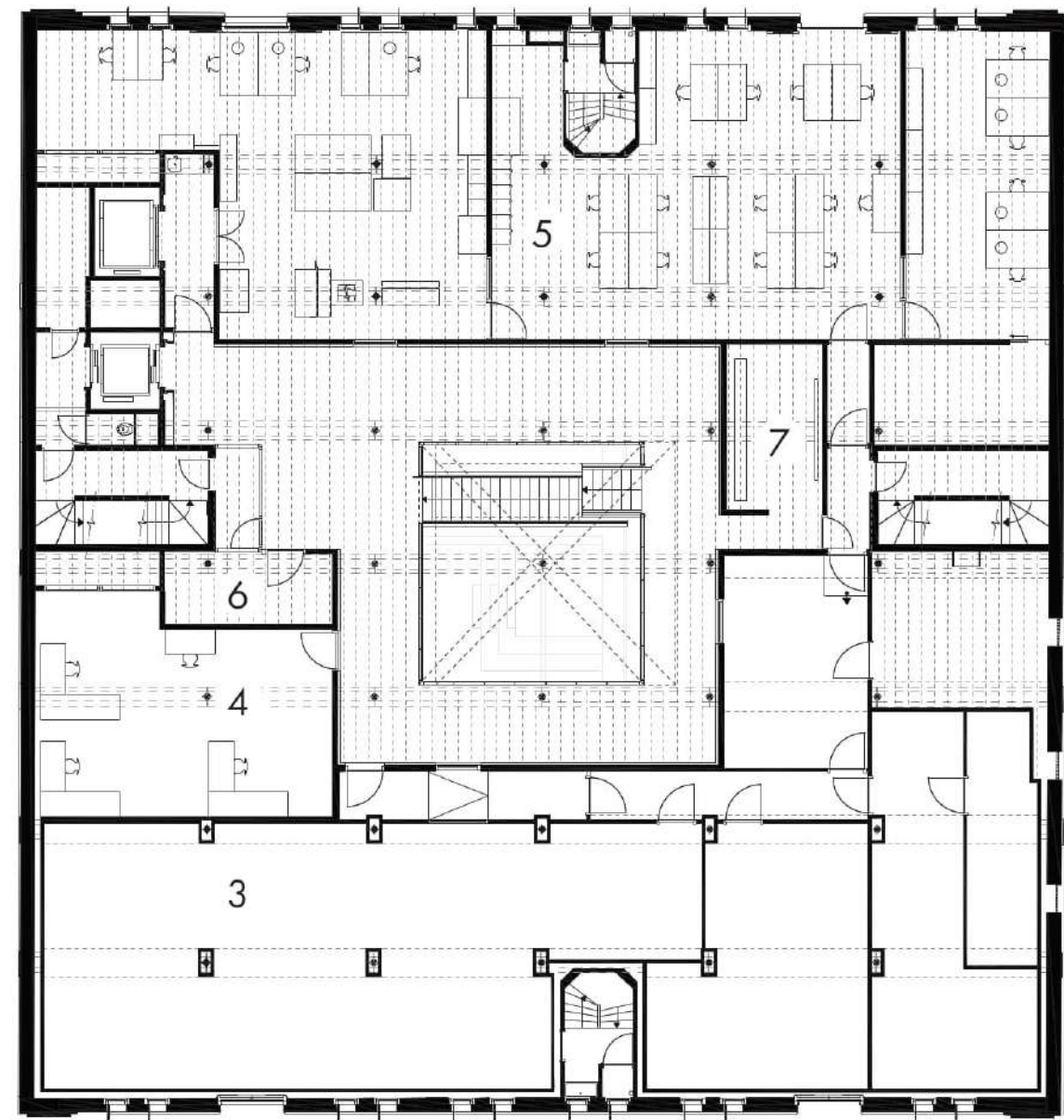






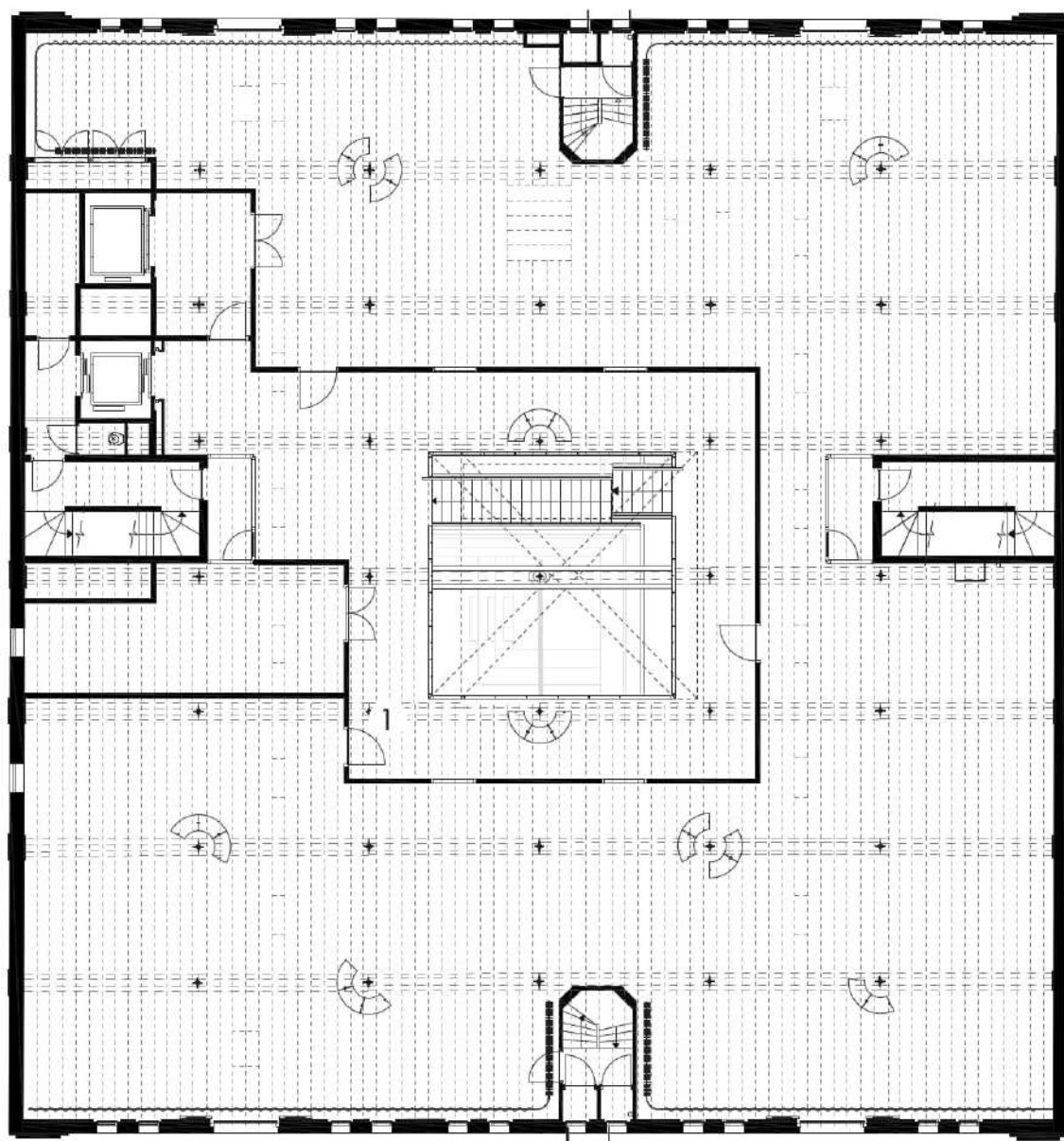
- 1 depot 4°C
- 2 depot 12°C
- 3 depot 19°C
- 4 digitalisation
- 5 open ateliers
- 6 expo
- 7 film

2^{de} verdieping



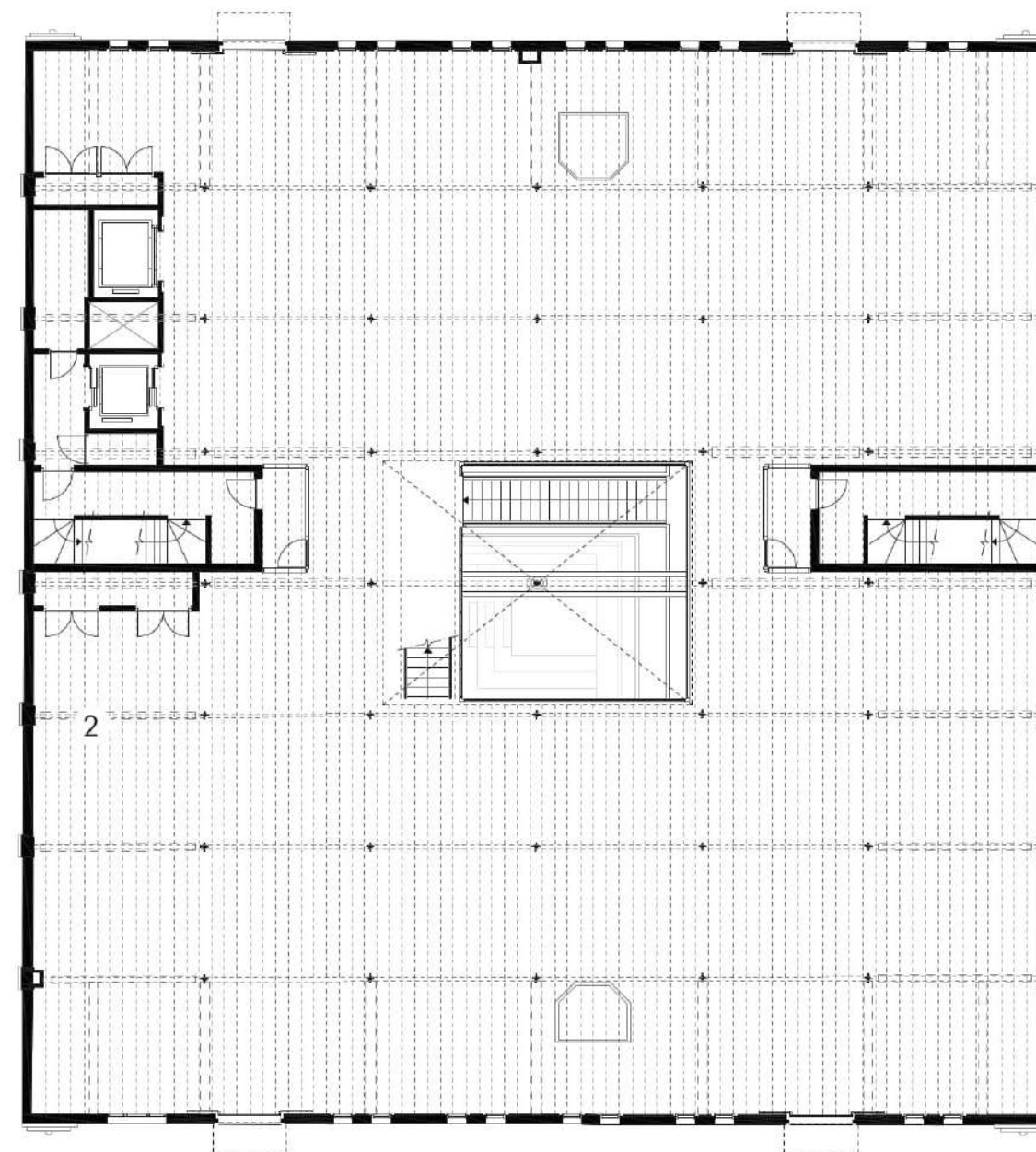
3^{de} verdieping





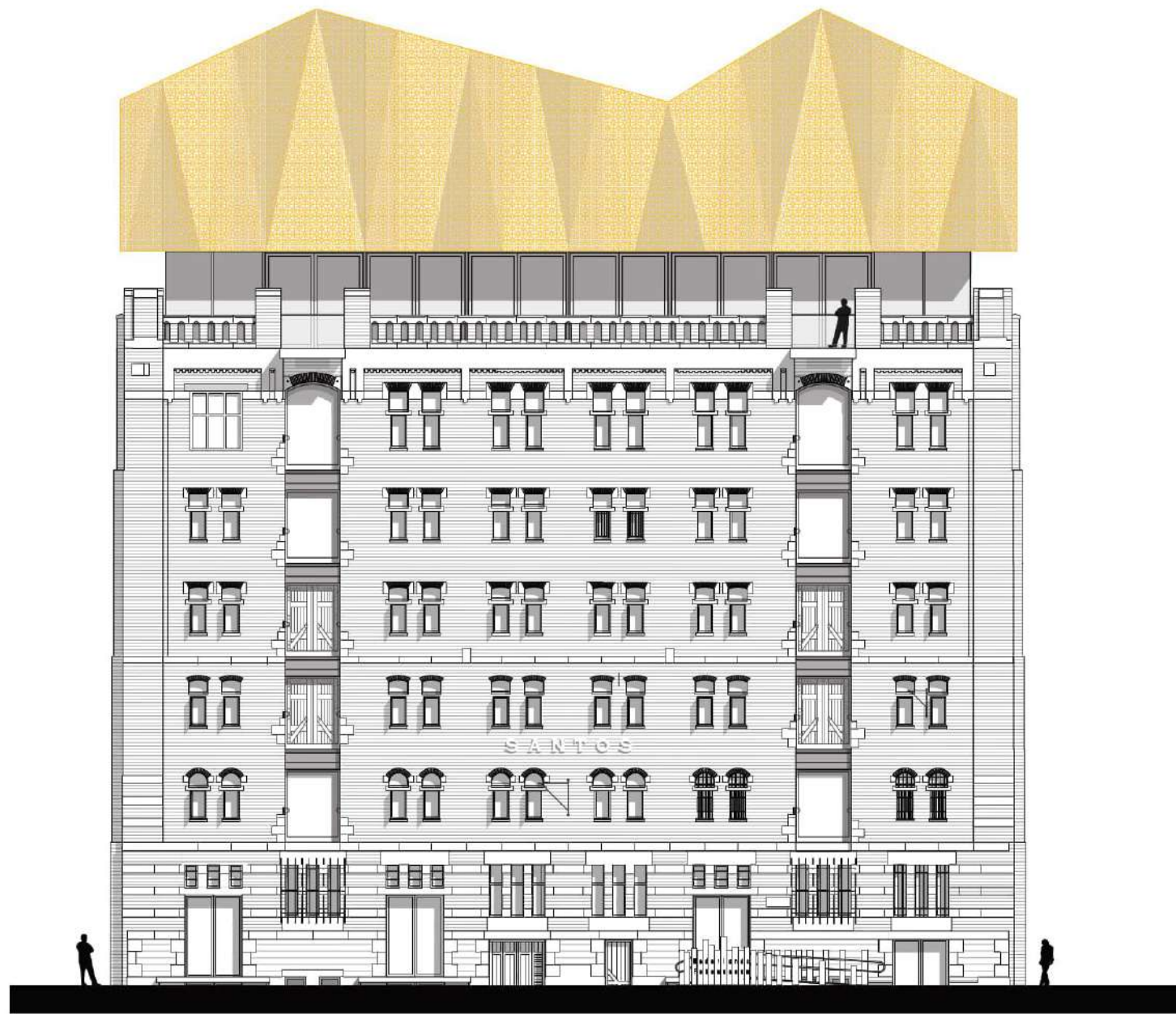
4^{de} verdieping

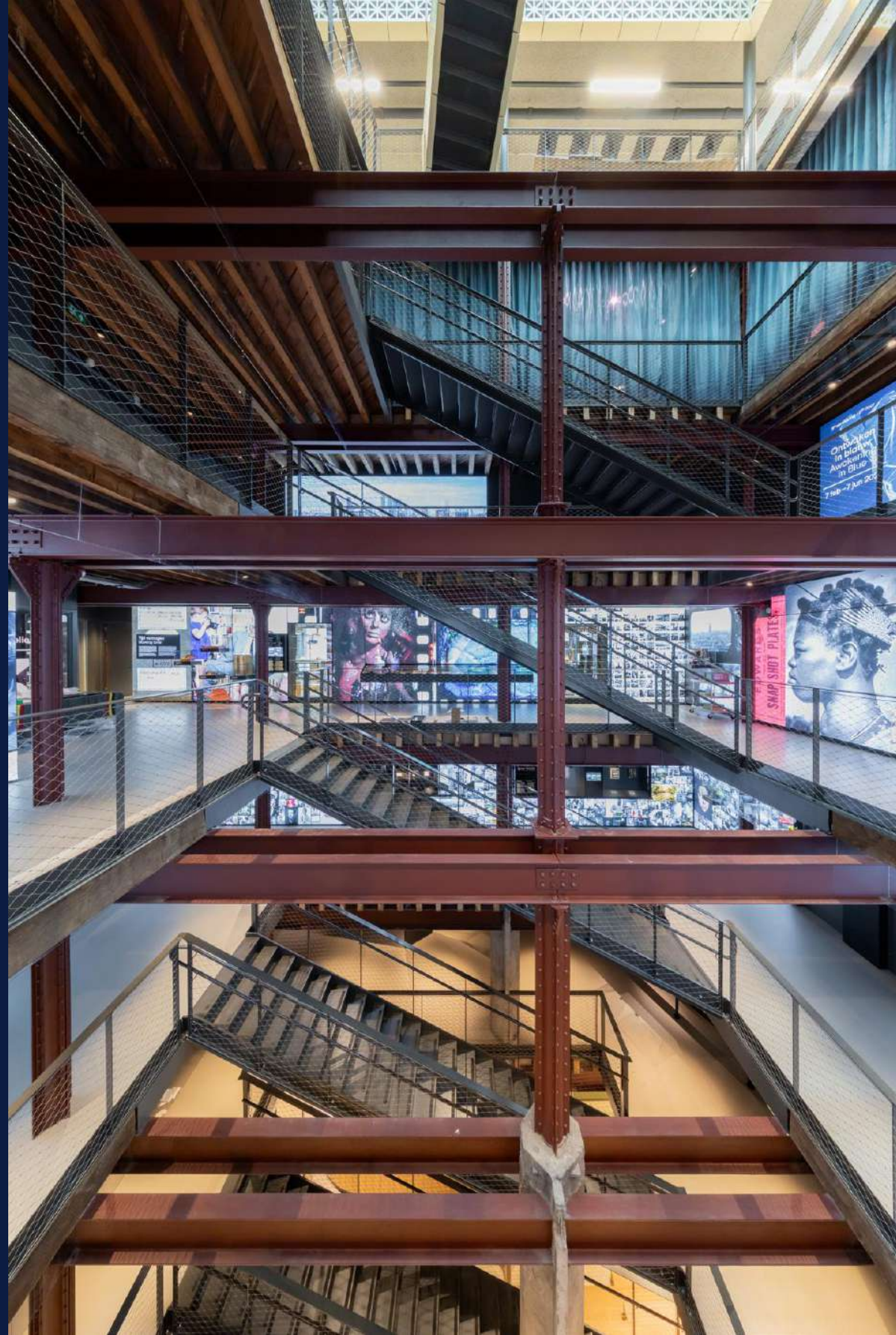
- 1 geklimatiseerde tijdelijke tentoonstellingen | air-conditioned temporary exhibitions
- 2 tijdelijke tentoonstellingen | temporary exhibitions



5^{de} verdieping







STAALBOUWDAG 2026 | 08 OKTOBER 2026

TOEKOMSTBESTENDIG TRANSFORMEREN

ARCHITECTUUR & ~~STAAL~~ IJZER



NEDERLANDS FOTOMUSEUM IN PAKHUIS SANTOS

WDJARCHITECTEN



VAN GENDHALLEN

BRAKKSMA & ROOS ARCHITECTEN

BRUG OVER DEN IJSSEL
WESTERVOORT, 1853-55

IR. VAN REEDE VAN OUDTSHOORN

BRUG OVER DEN IJSSEL BIJ WESTERVOORT.



OP TE RUIMEN SPOORWEGBRUG, GEBOUWD IN 1853-1855.
GEZIEN VAN DEN LINKER IJSSELOEVER, STROOMOPWAARTS.
10 JUNI 1898.