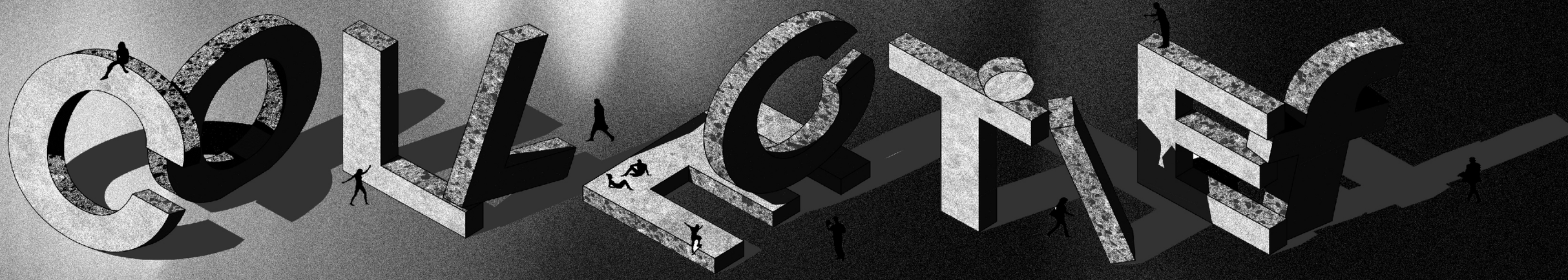
5715458 FLOYD JANSEN



P5 PUBLIC BUILDING GRADUATION STUDIO

research *by* *design*

THE BRIEF & SPATIAL STRATEGY 01

DETATCHMENT & VACANCY 02 PROJECT POSITIONING

THE EXISTING CAMPUS 03 CAMPUS INTERPRETATION

DECONSTRUCTION STRATEGIES 04 INTERVENTION

HYBRIDITY & OCCUPANCY 05 PROGRAM COMPOSITION

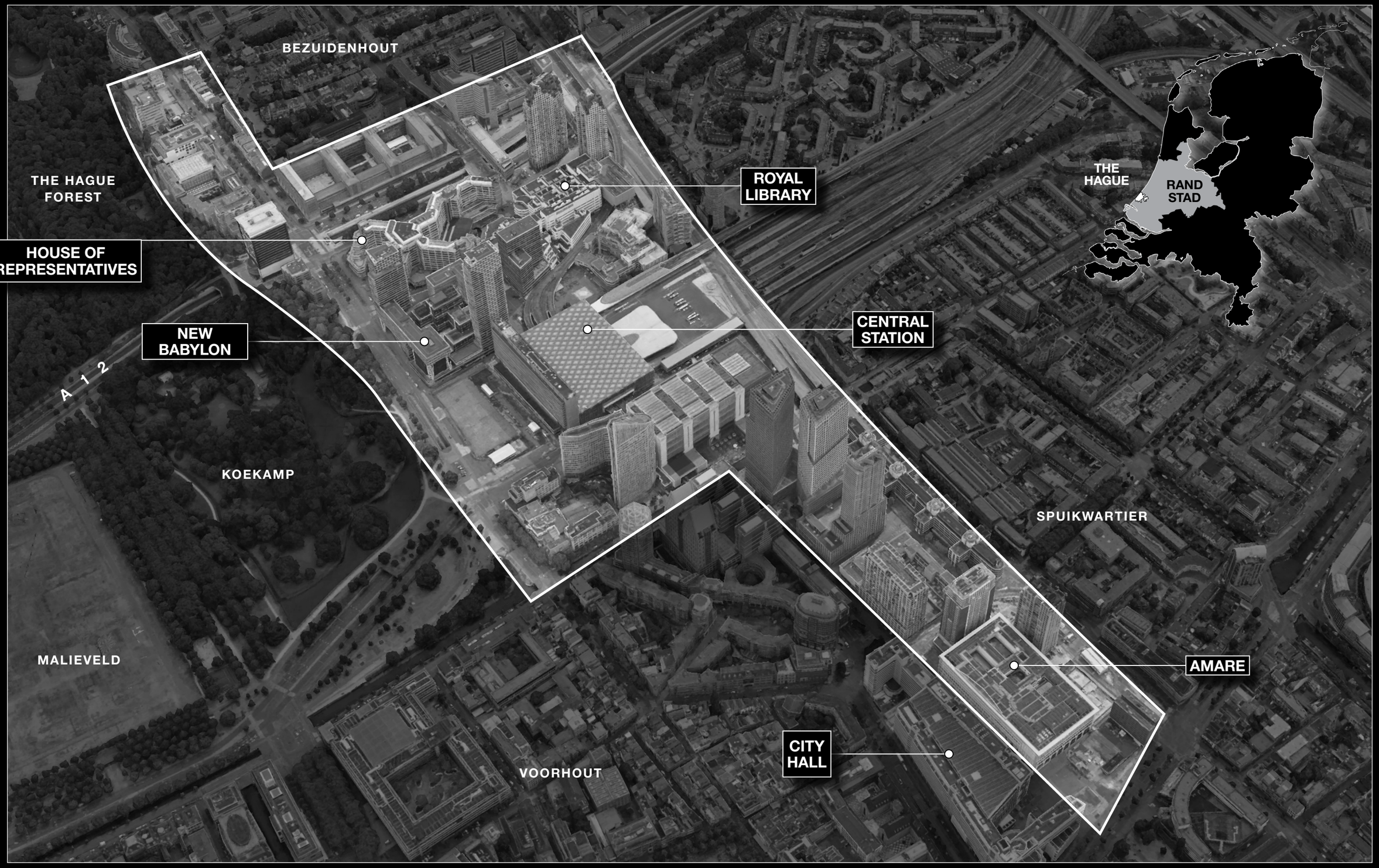
CLIMATE & COMFORT 06 ATMOSPHERE

research *by* *design*

THE BRIEF & SPATIAL STRATEGY

01

CONTENT



ASSIGNED AREA

© Google Maps

“densify, vegetate, enhance sustainability”

“verdichten, vergroenen, verduurzamen”

© Gemeente Den Haag (2021)

diversify

revive

“densify, vegetate, enhance sustainability”

revitalize

transform

prolong

research *by* *design*

THE BRIEF & SPATIAL STRATEGY 01

DETACHMENTS & VACANCY 02

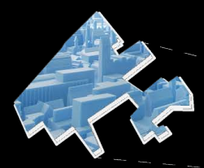
PROJECT POSITIONING

CONTENT



DETACHED GIANTS

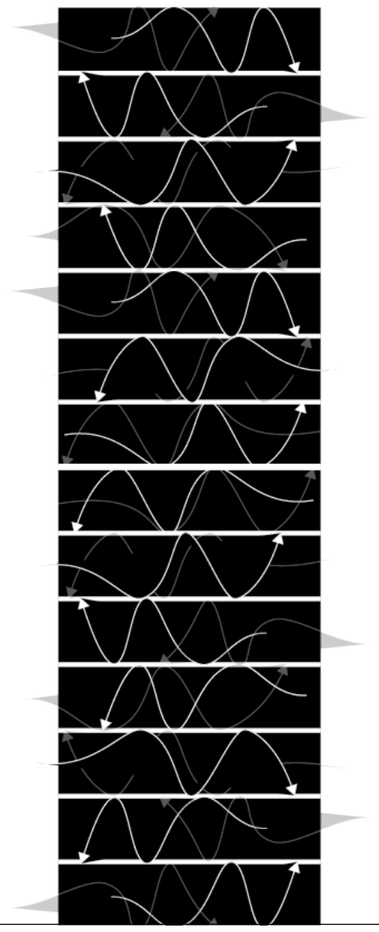
02



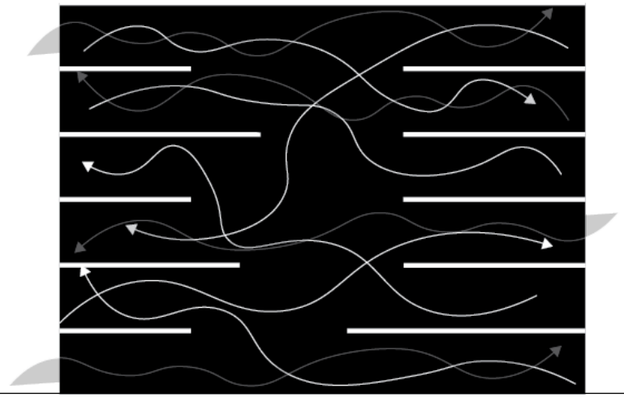
	THE HAGUE	
%	100	2
objects	297.930	4160
m²	37.760.650	688.790

© CBS (2023)

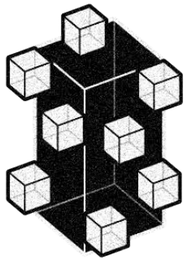
© RAAAF (2010)

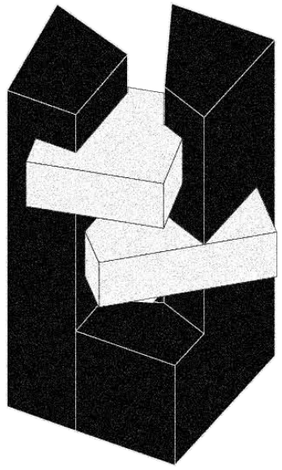


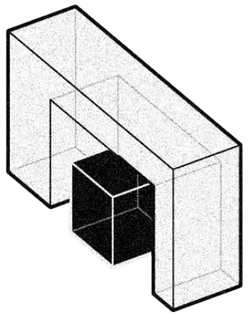
HIGH-RISE

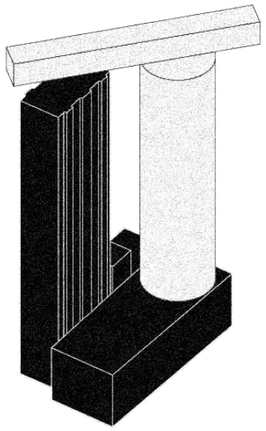


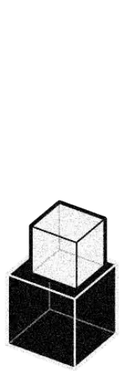
LOW-RISE

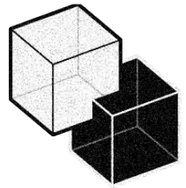


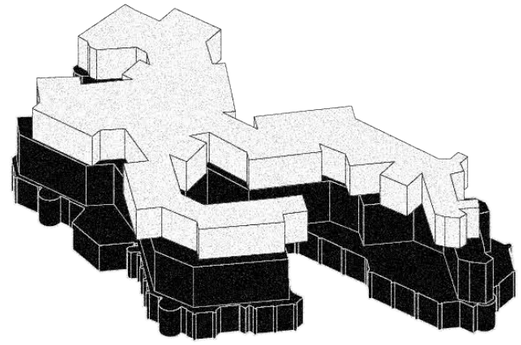


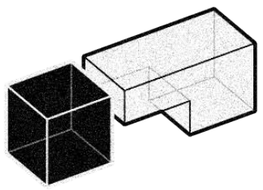


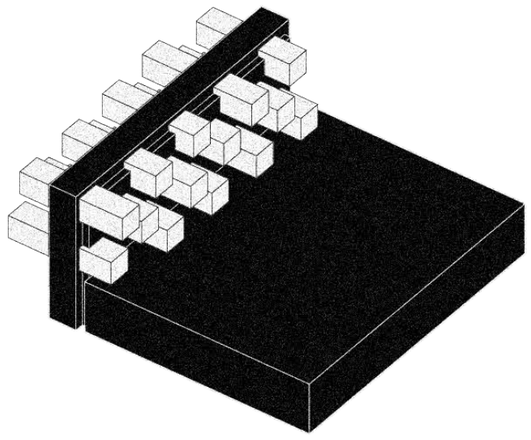


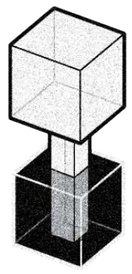










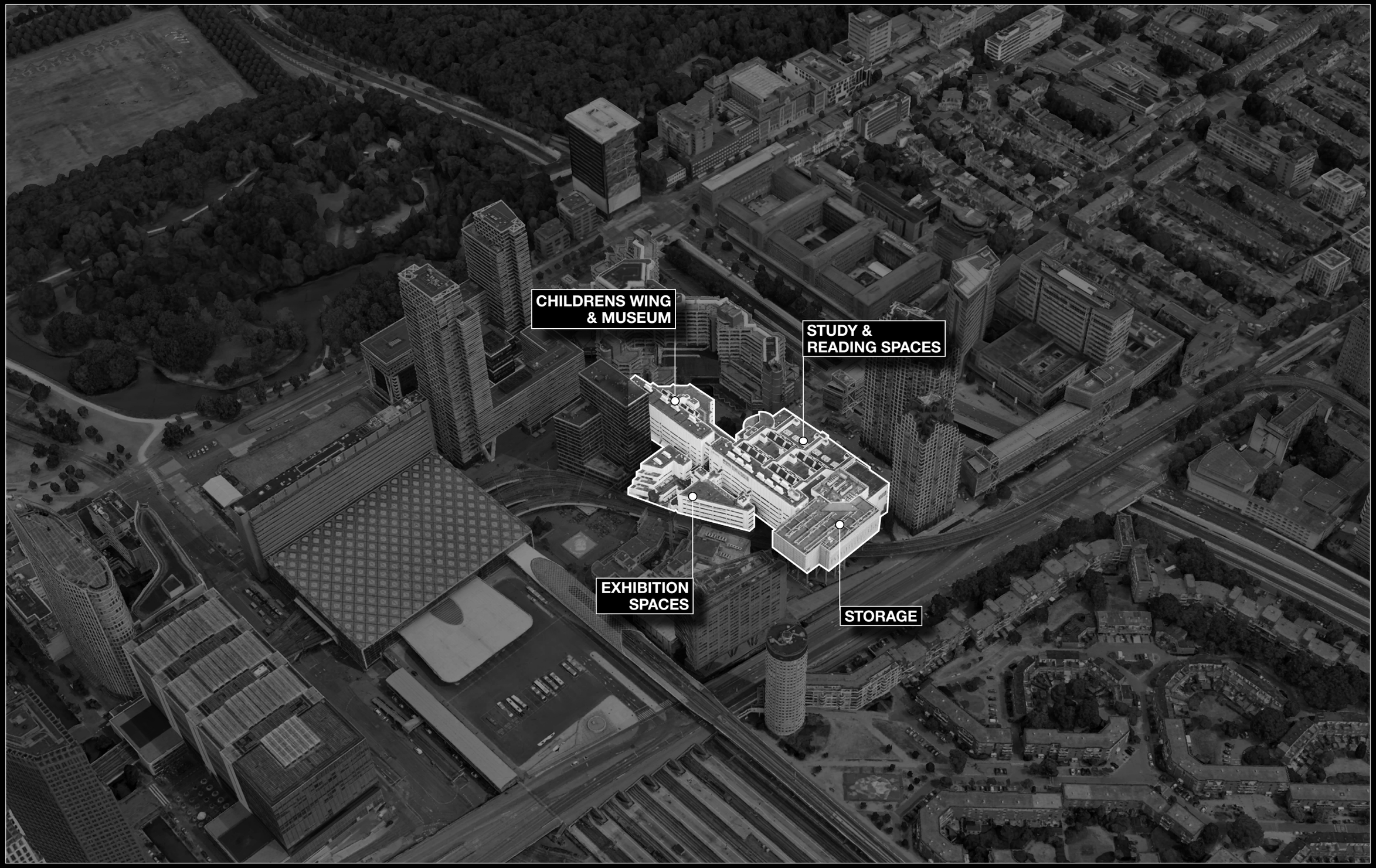


How can the reconstruction of a vacant building be optimized to both address urban densification, enhance the functionality and resilience (longevity) of the built environment?

How does this reconstruction lead to new campus typologies in a dense urban environment?


THE HAGUE
FOREST
MALIEVELD
NEW
BABYLON
HOUSE OF
REPRESENTATIVES
BEZUIDENHOUT
KOEKAMP
GROTIUS
TOWERS
LEIDEN
UNIVERSITY
ROYAL
LIBRARY
SPUIKWARTIER
NATIONAL
ARCHIVE

© Google Maps


CHILDRENS WING
& MUSEUM
STUDY &
READING SPACES
EXHIBITION
SPACES
STORAGE

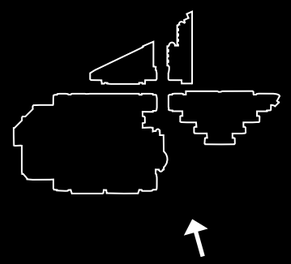
© Google Maps

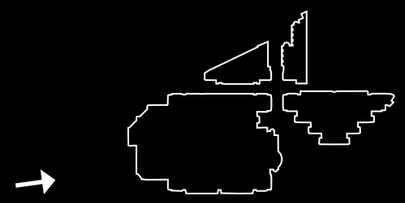


East Side Just After Completion



South Side





© Gemeente Den Haag

CONTEXT VIEW

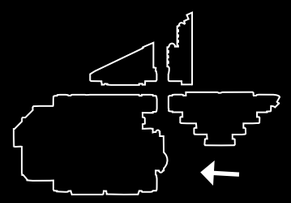
© Flying Holland

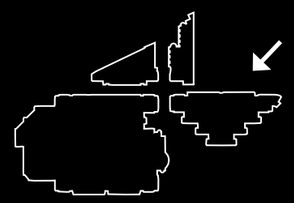


North Entrance Prinses Irenepad



Northern Wing Anna Van Buerenplein



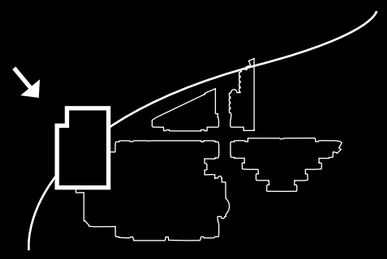


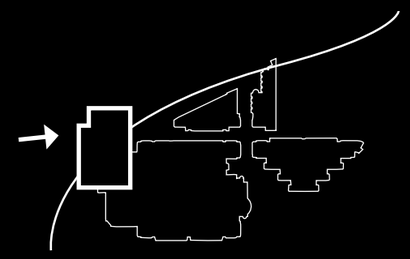


South-West Side



Tram Infrastructure





© Codart

research *by* *design*

THE BRIEF & SPATIAL STRATEGY 01

DETATCHMENT & VACANCY 02

THE EXISTING CAMPUS 03

PROJECT POSITIONING

CAMPUS INTERPRETATION

CONTENT



Science Park Utrecht



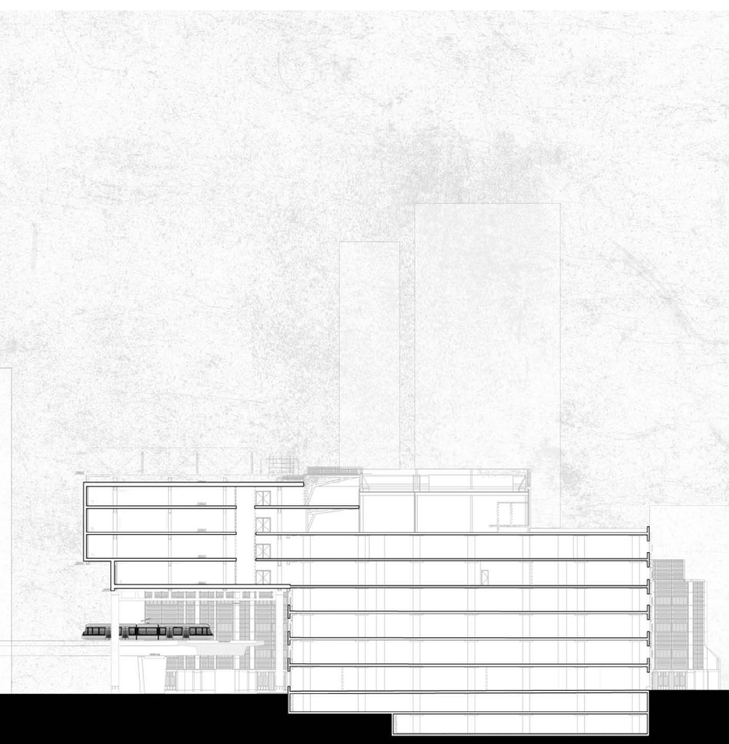
Boston University Kpmb Architects

© DUIC

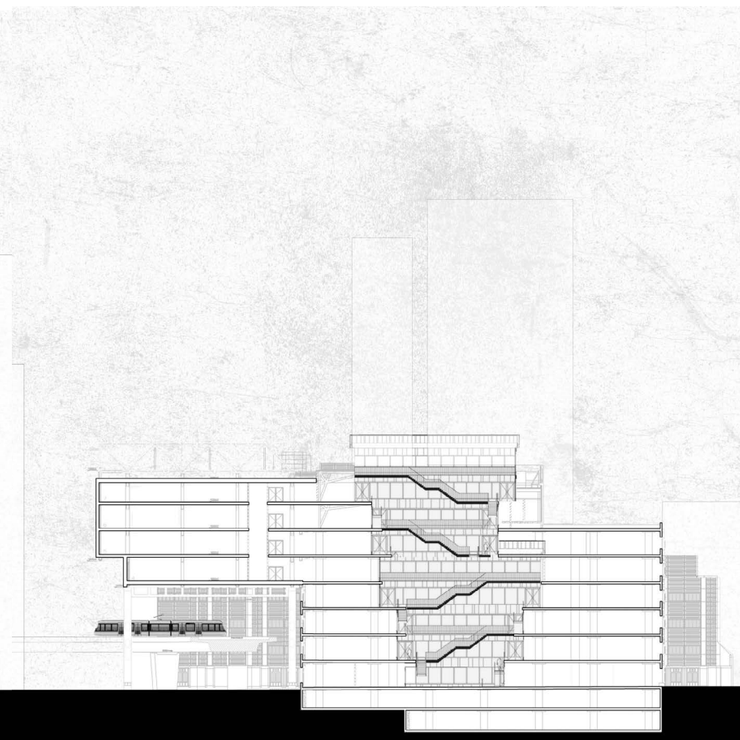
© KPMB



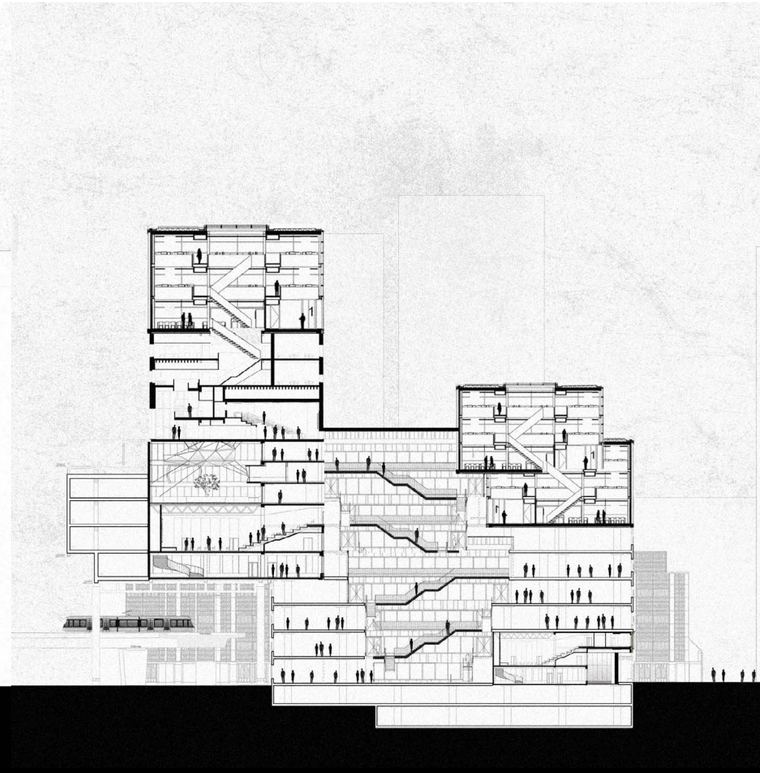
INTEGRATION OF PLAY



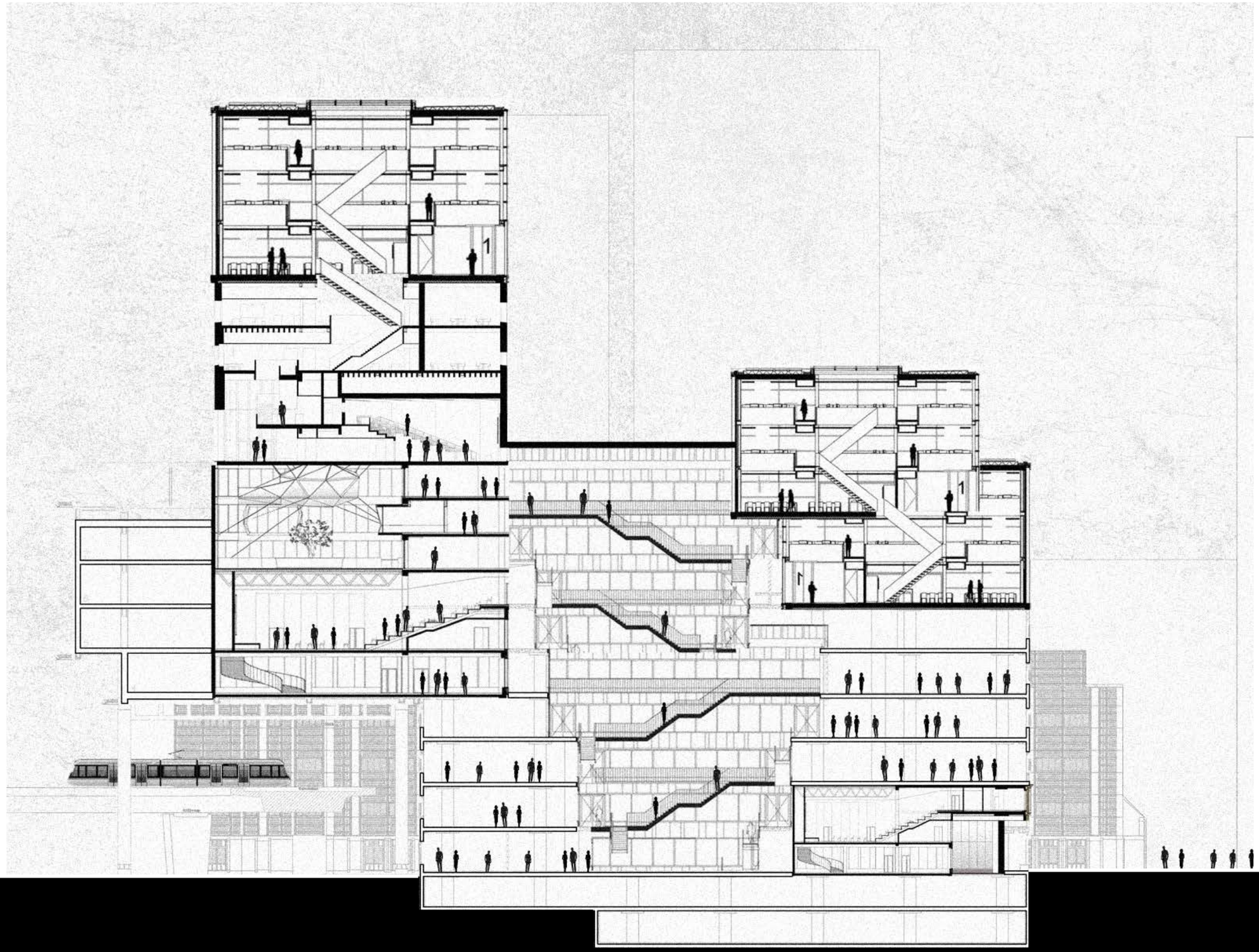
EXISTING



INCREASE DAYLIGHT



ADD COMPONENTS



CAMPUS AS A VILLAGE

research *by* *design*

THE BRIEF & SPATIAL STRATEGY 01

DETATCHMENT & VACANCY 02

THE EXISTING CAMPUS 03

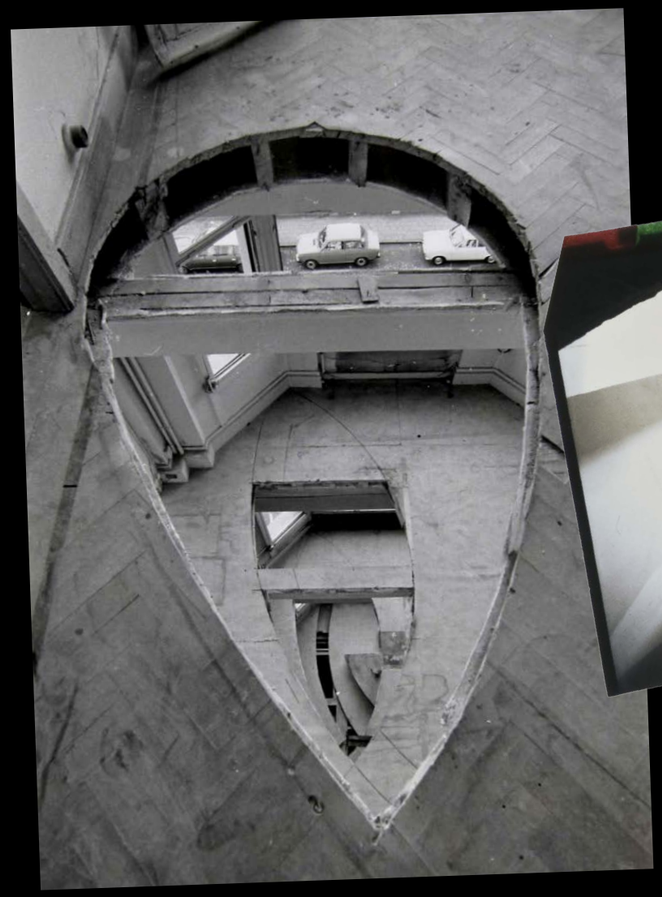
RECONSTRUCTION STRATEGIES 04

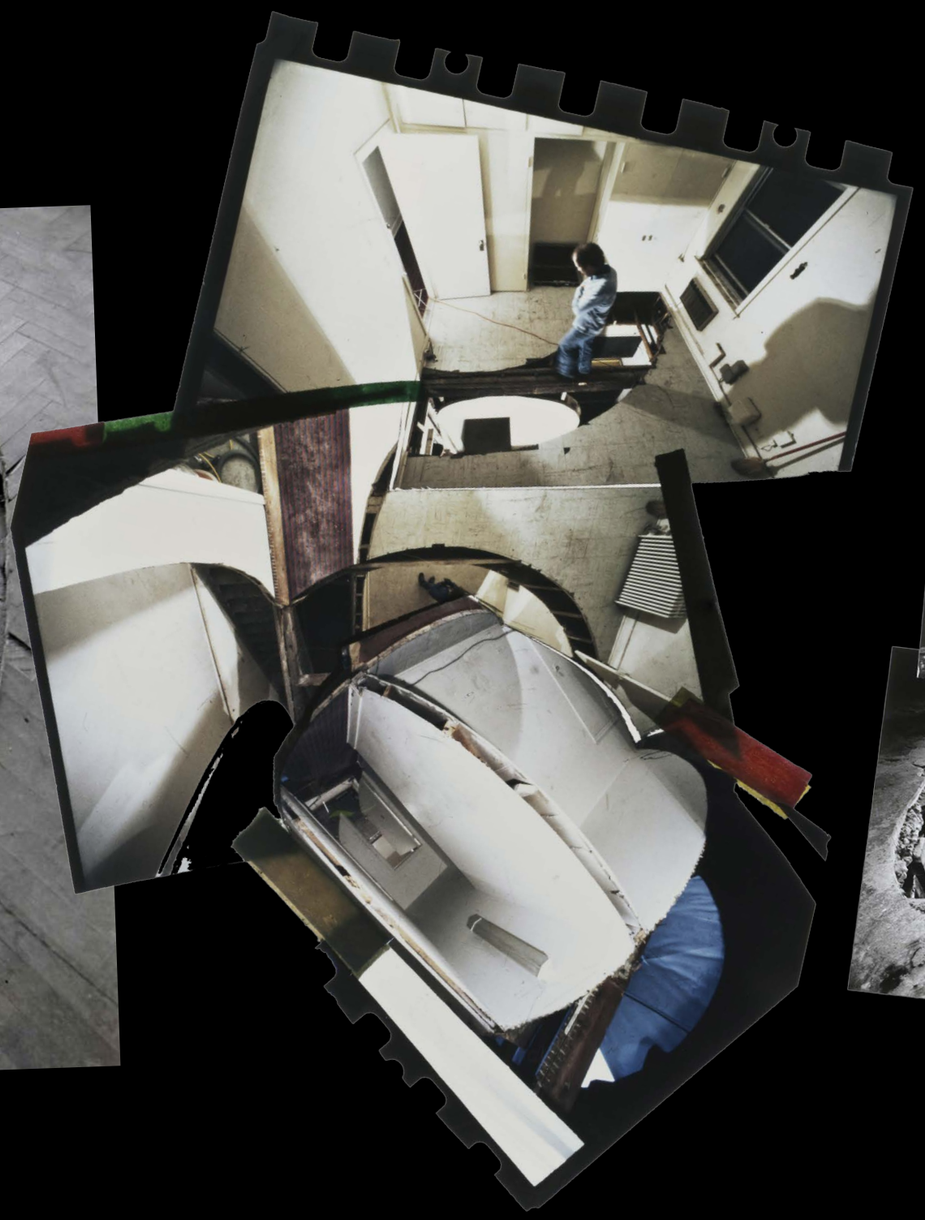
PROJECT POSITIONING

CAMPUS INTERPRETATION

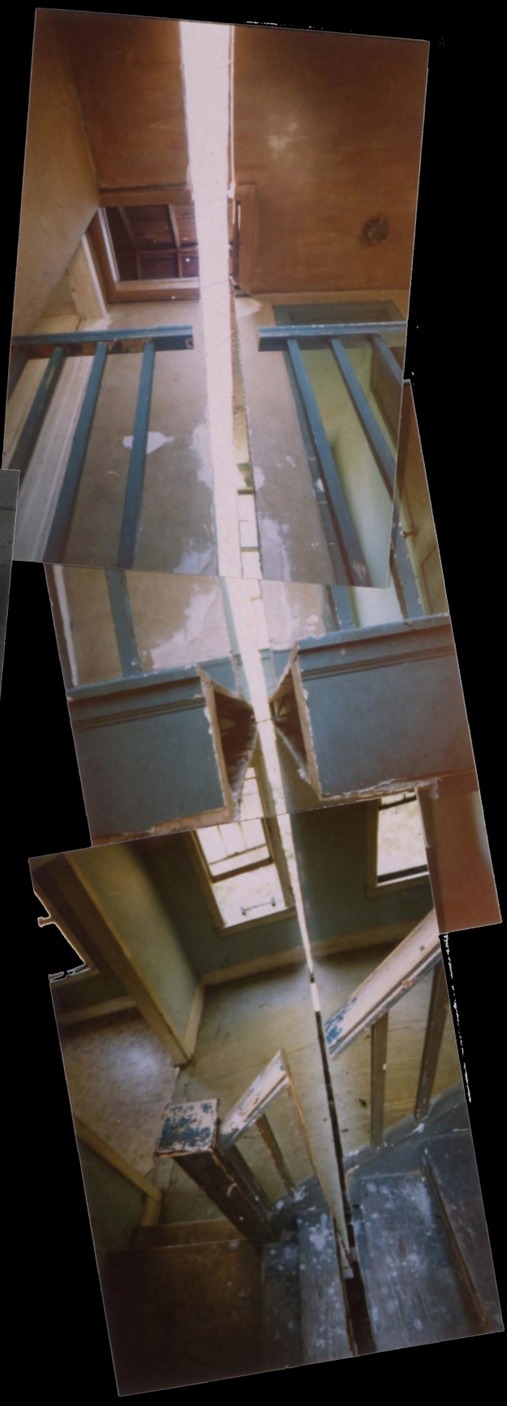
INTERVENTION

CONTENT





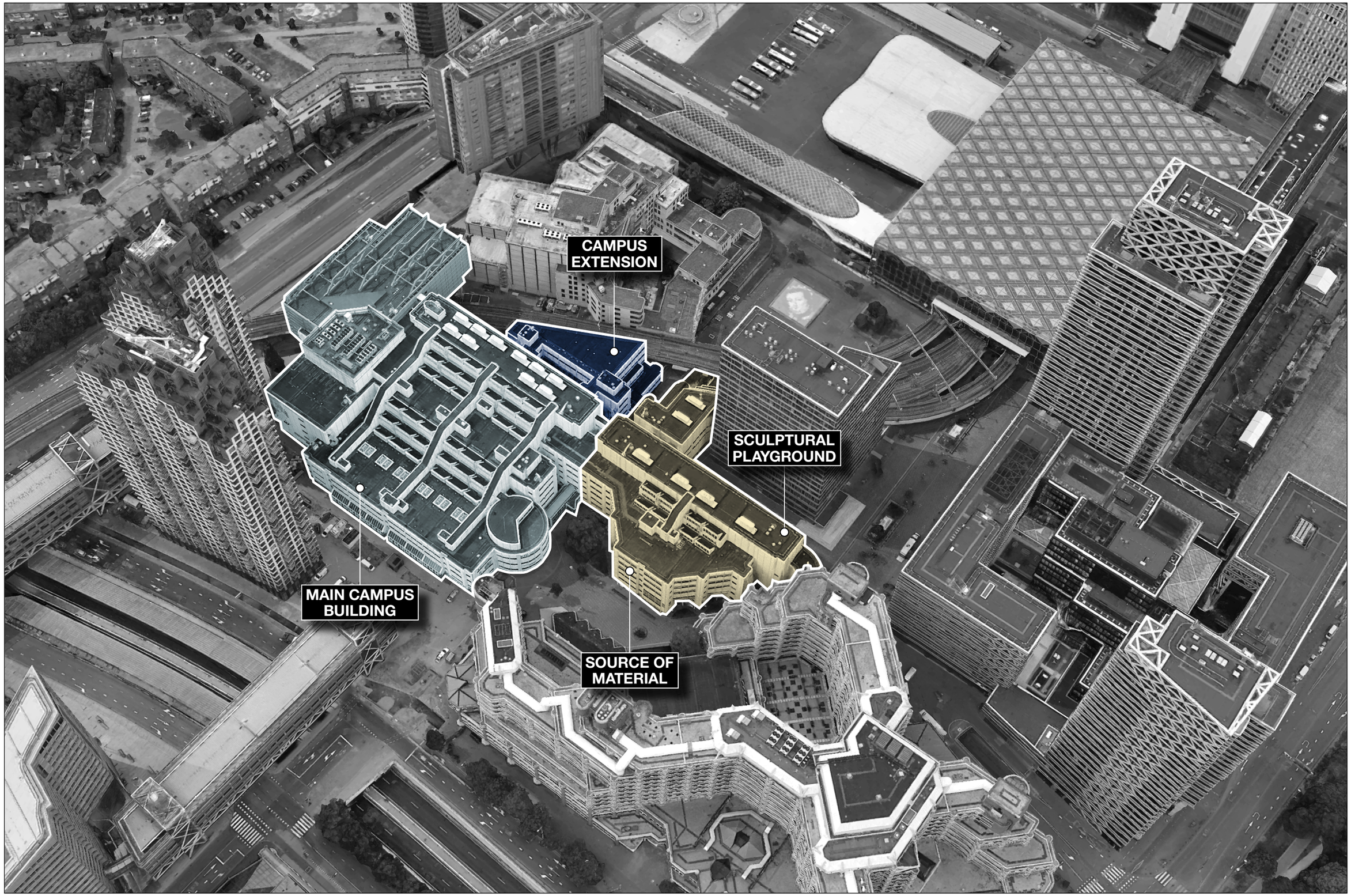




Gordon Matta Clark

SCULPTOR OF BUILDINGS

© MACBA



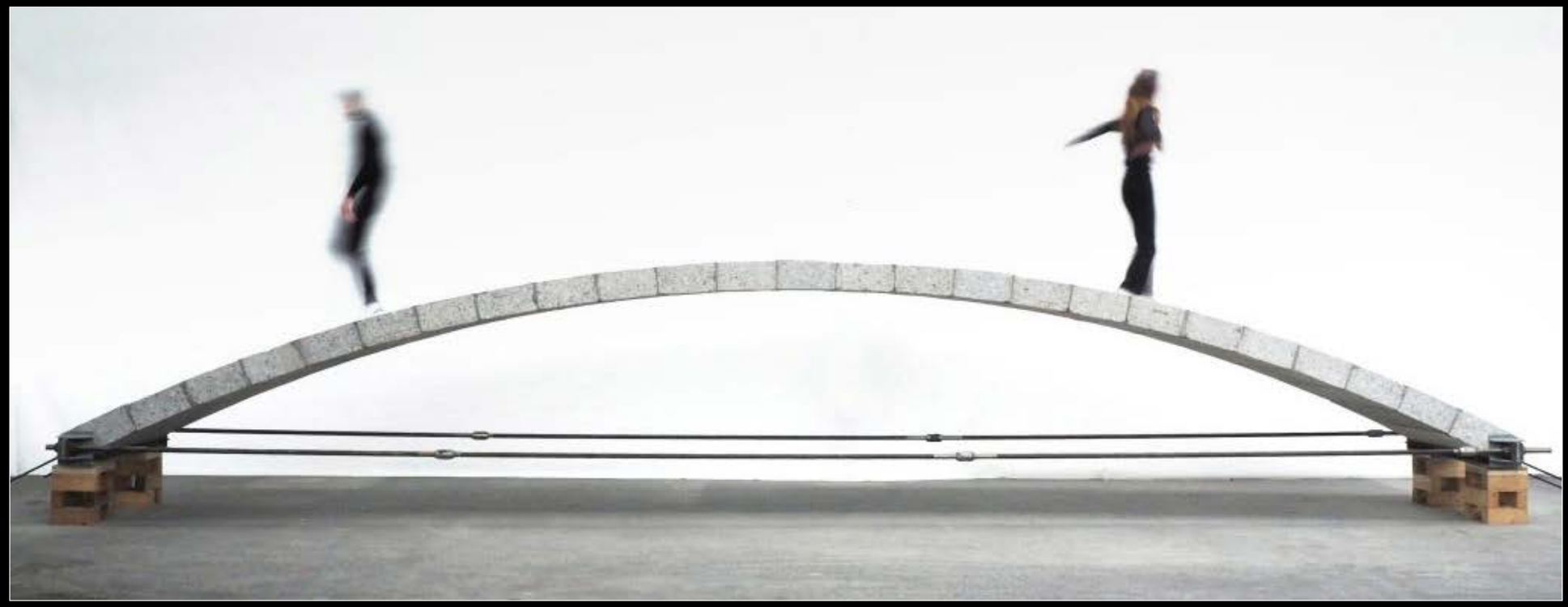
deconstruct refine reconstruct

© Google Maps

deconstruct refine reconstruct

EXISTING GROUND FLOOR

04







© EPFL



deconstruct refine reconstruct

EXISTING CONTEXT

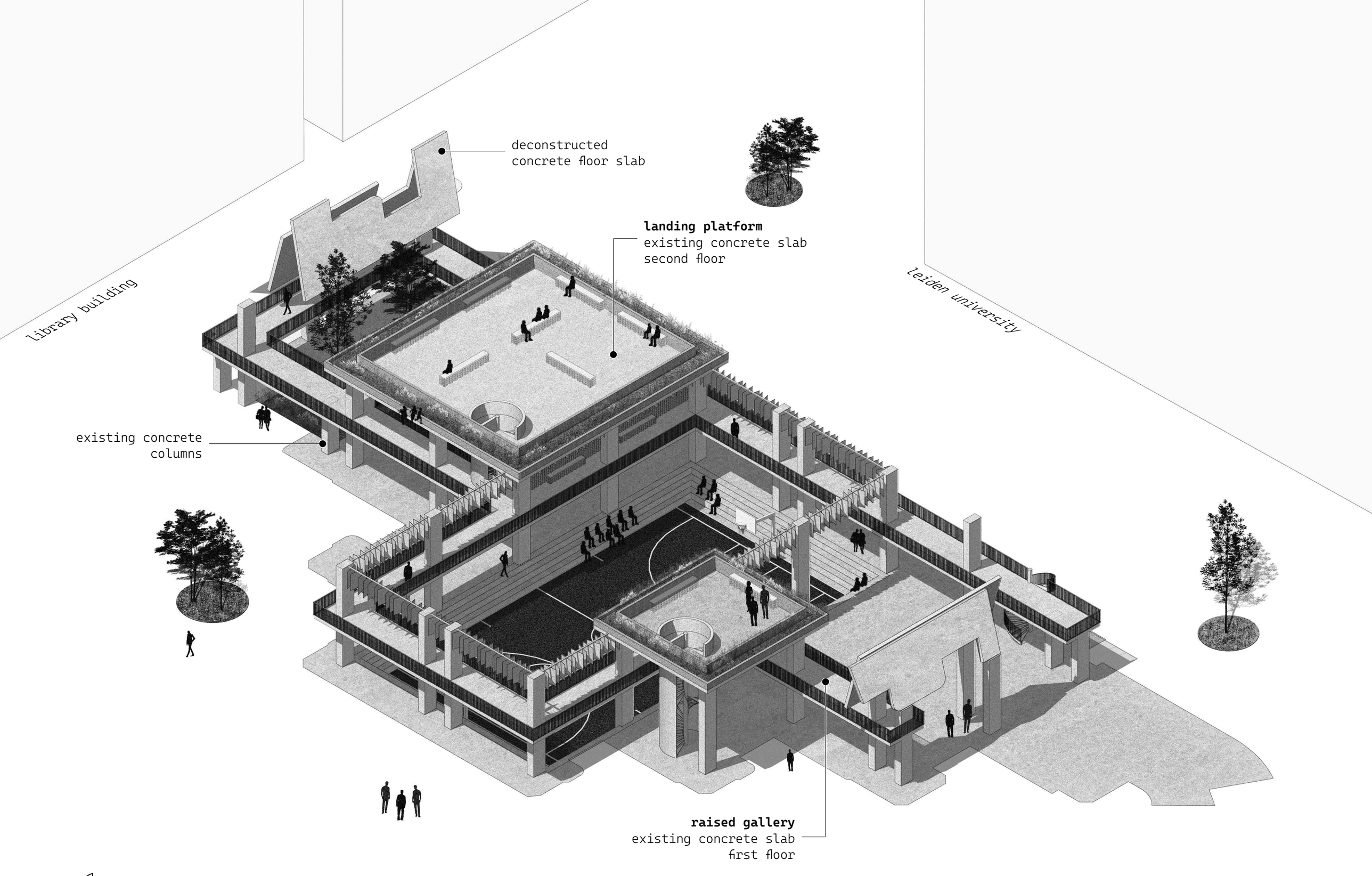
© Google Maps



deconstruct refine reconstruct

DECONSTRUCTED PAVILION

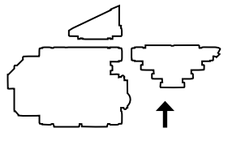
© Google Maps



DECONSTRUCTED PAVILION

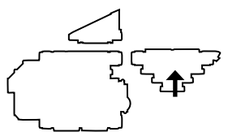
PAVILION IMPRESSION

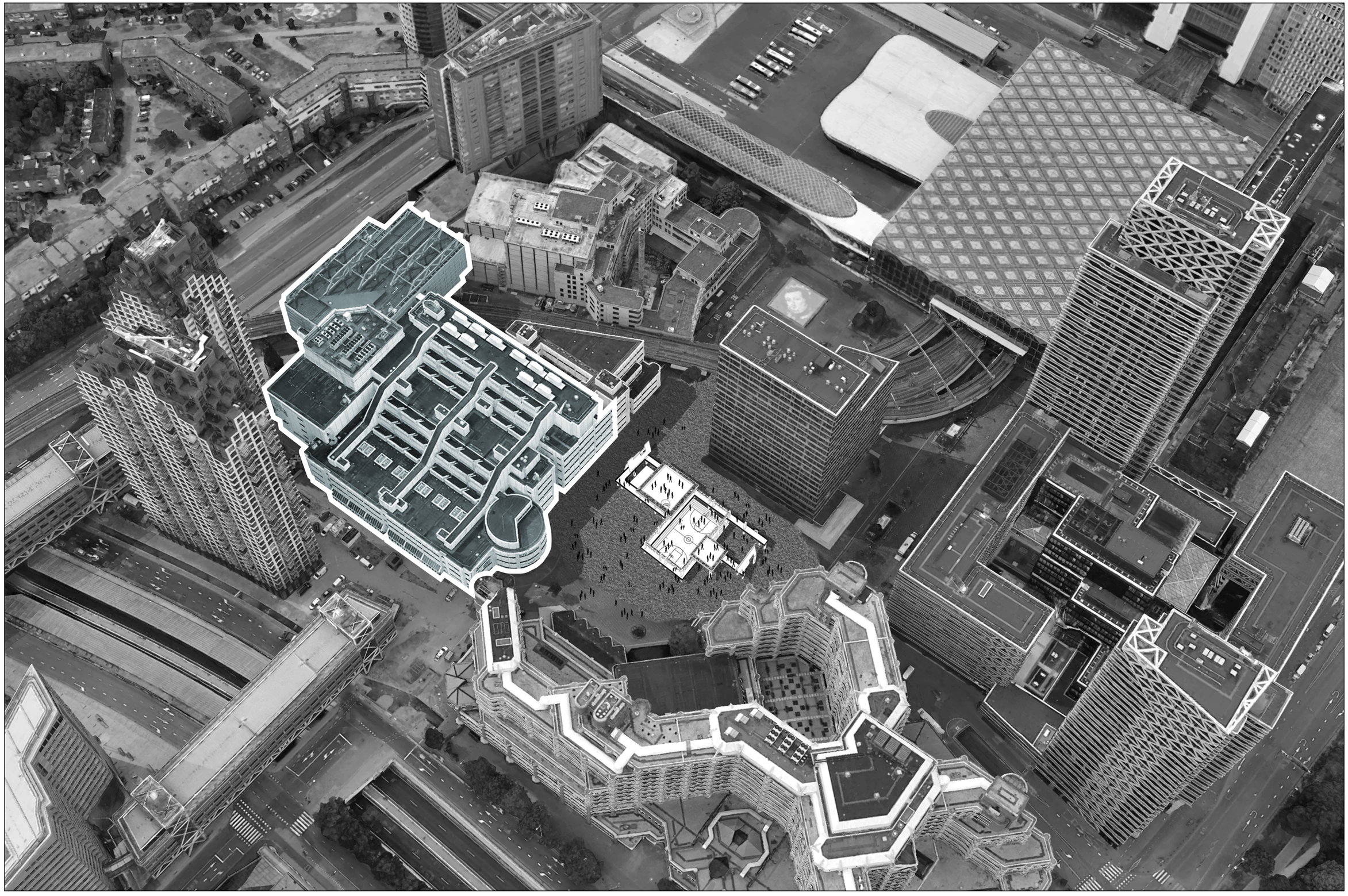




PAVILION IMPRESSION







deconstruct refine reconstruct

© Google Maps

slab reinforcement
450 mm

concrete floor slab
270 mm



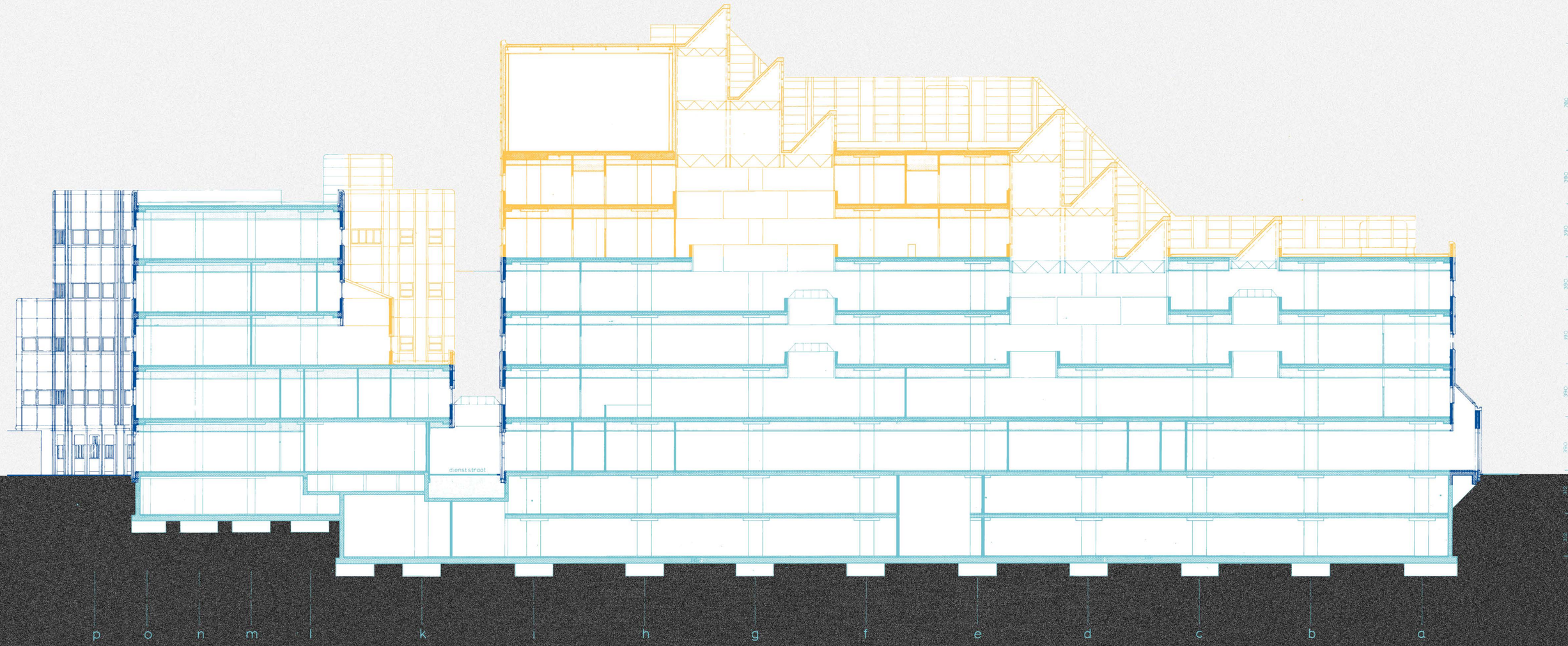
P.92

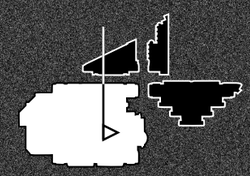
P.93

concrete column
∅ 600 mm

© Bedachtzame dynamiek (2007)

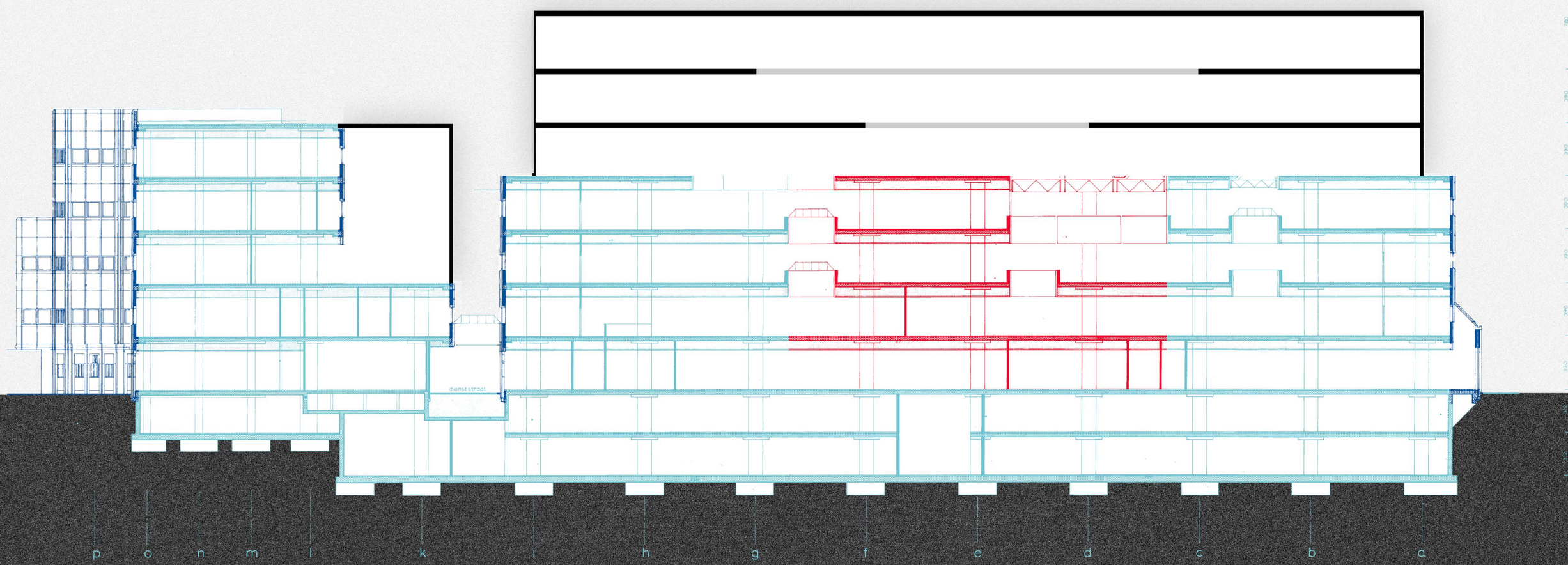
deconstruct refine reconstruct

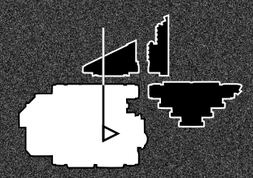




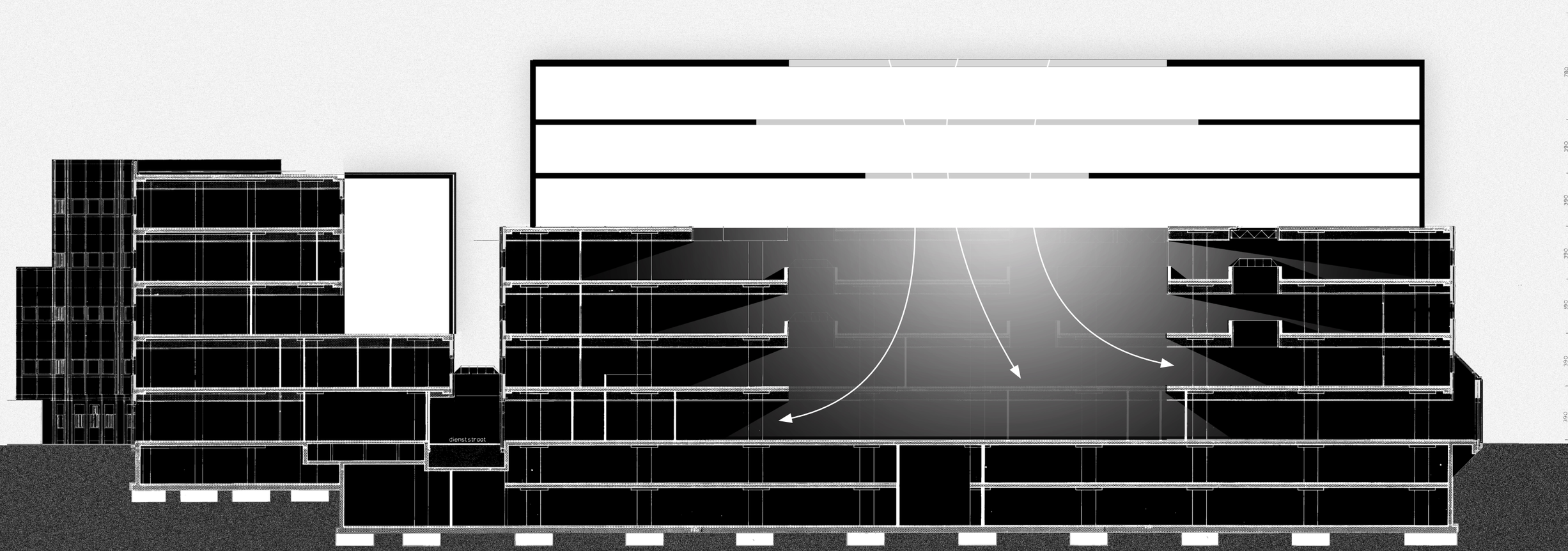
INTERVENTION STRATEGY

carve out
add
refine
reconstruct



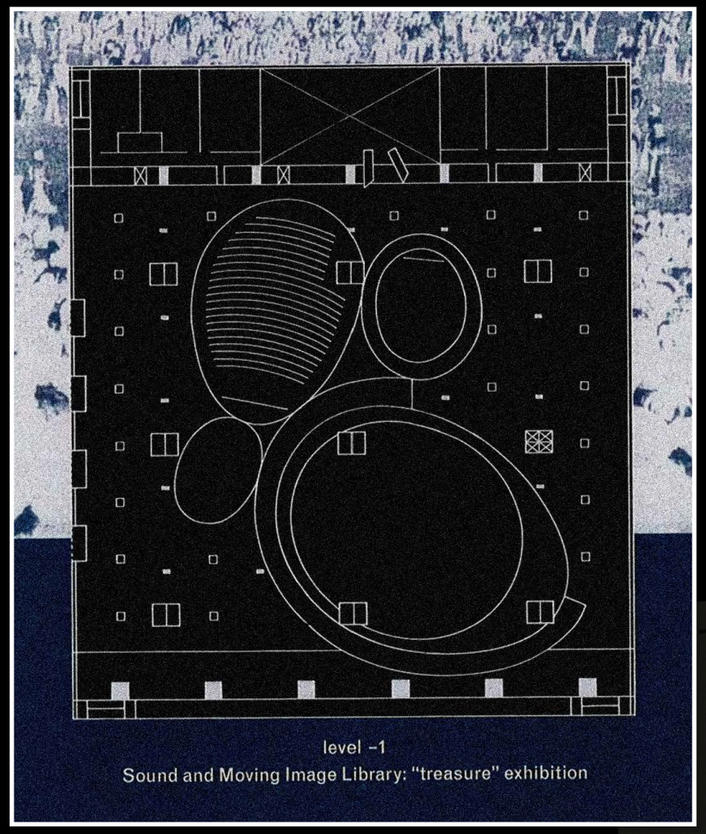


INTERVENTION STRATEGY

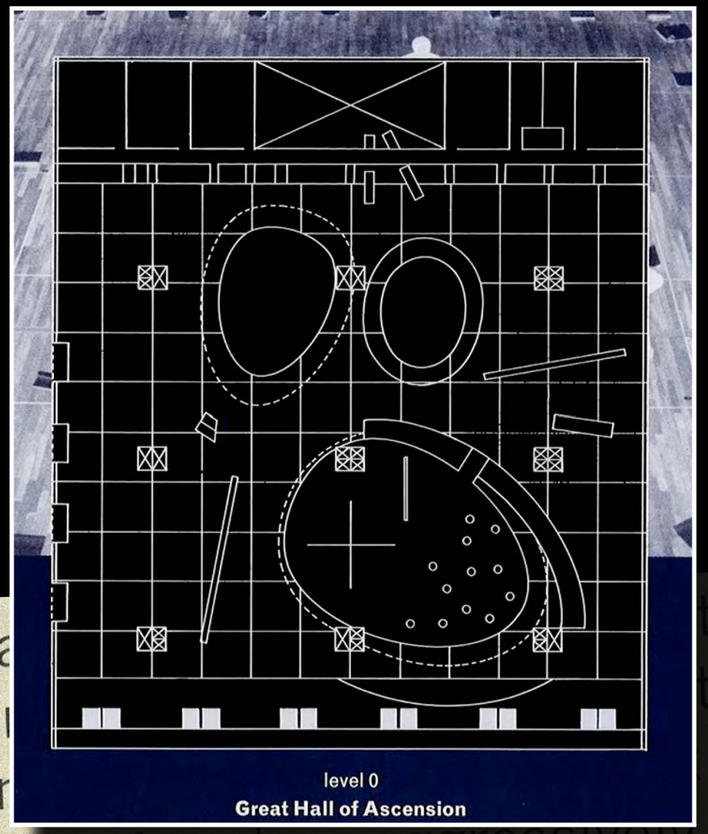


REVITALIZE

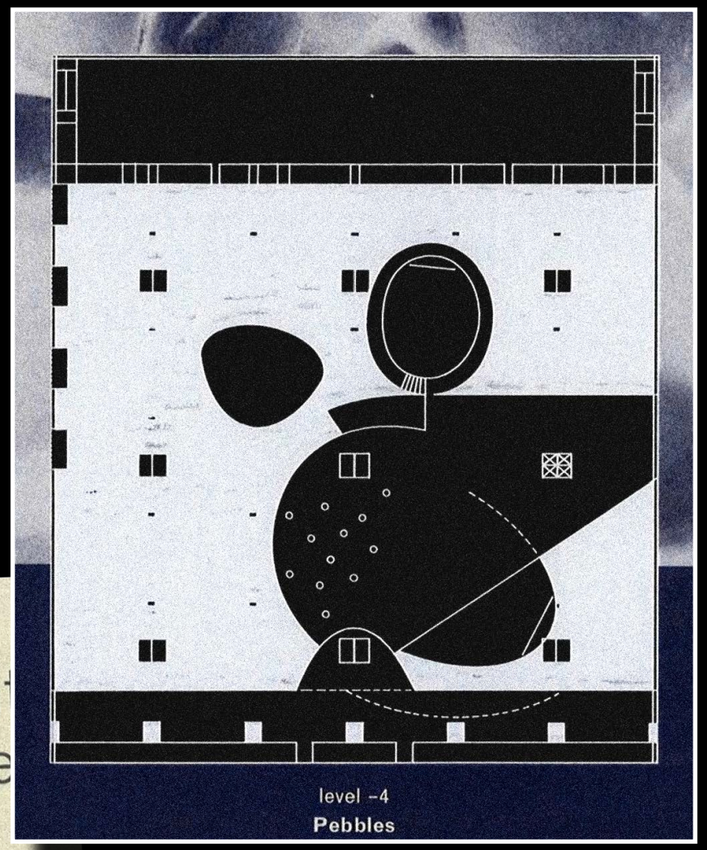
04



level −1
Sound and Moving Image Library: “treasure” exhibition

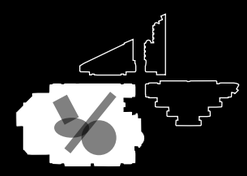


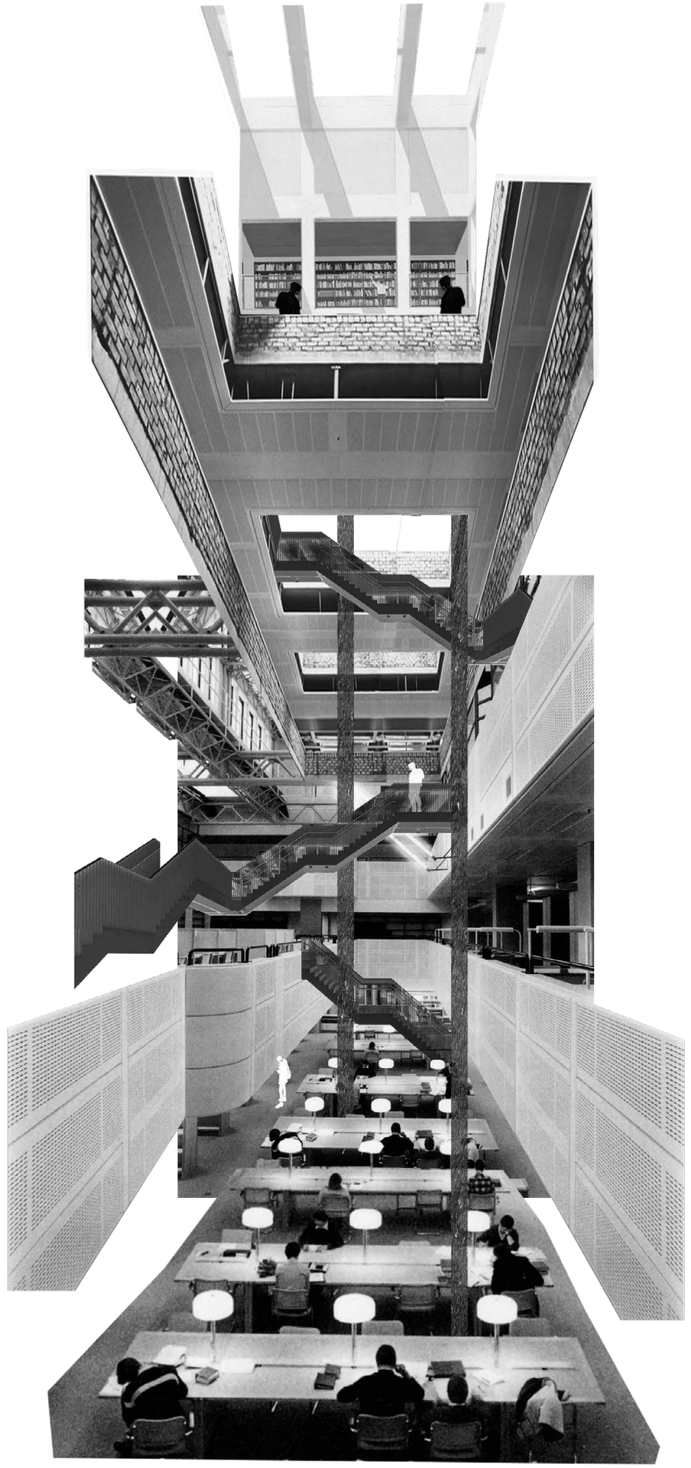
level 0
Great Hall of Ascension

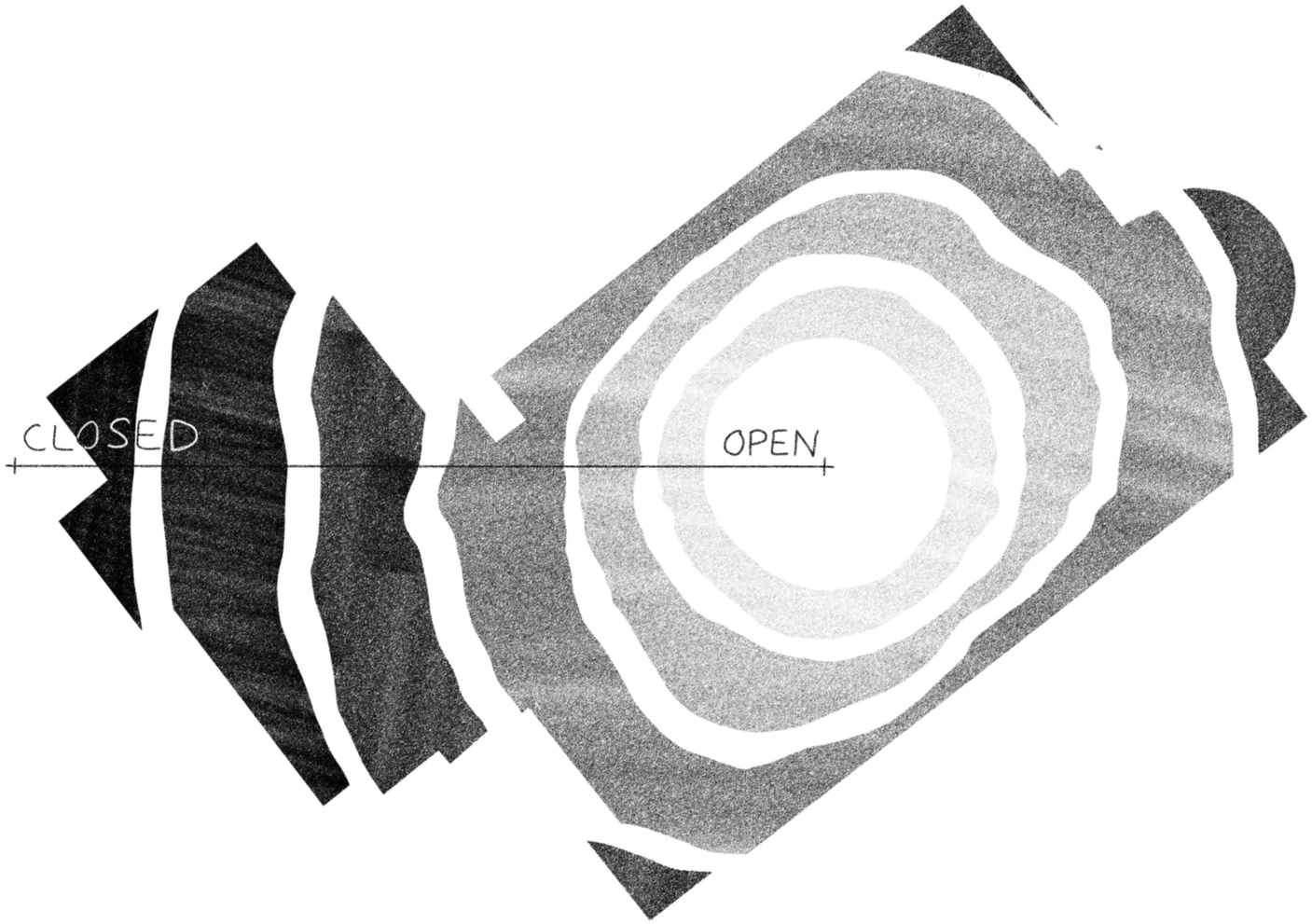


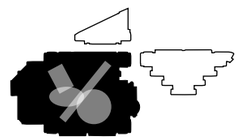
level −4
Pebbles

The a
rid au
can r
this new freedom aggressively.
It suggests that, liberated from its
former obligations, architecture’s last
function will be the creation of the
symbolic spaces that accommodate
the persistent desire for collectivity.
to
ties i
plore

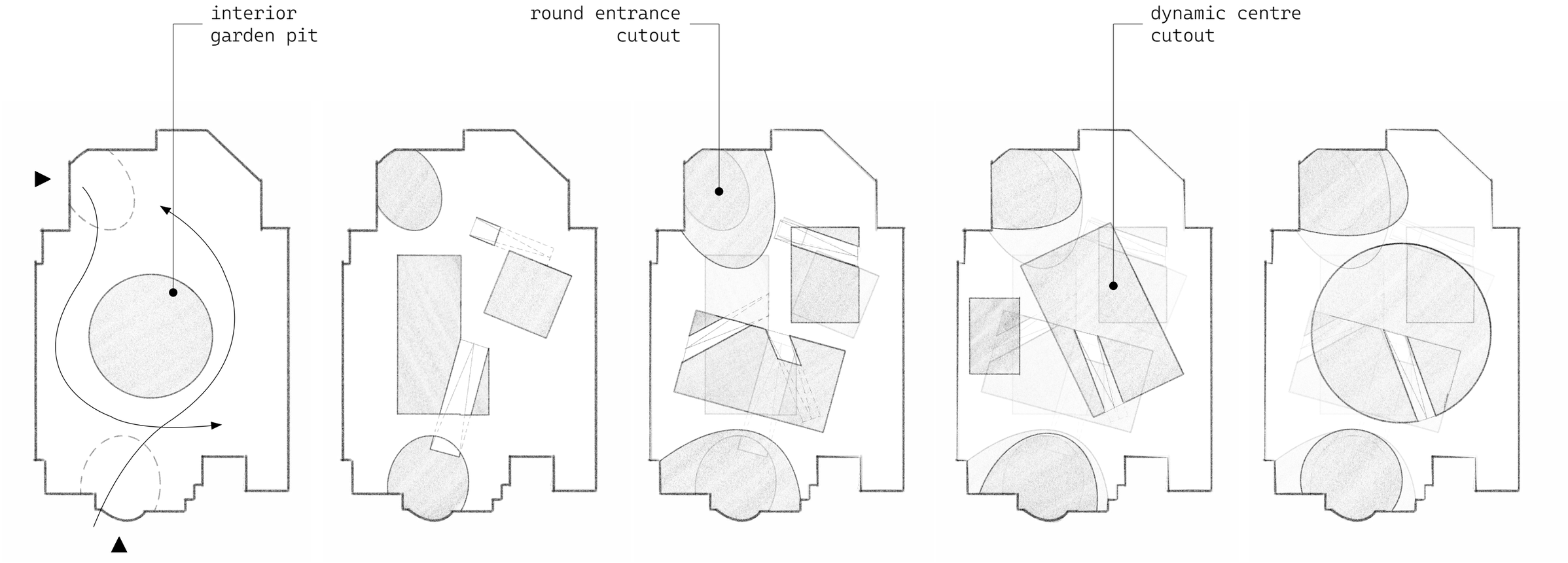




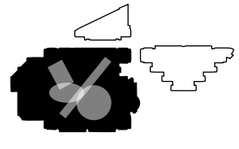




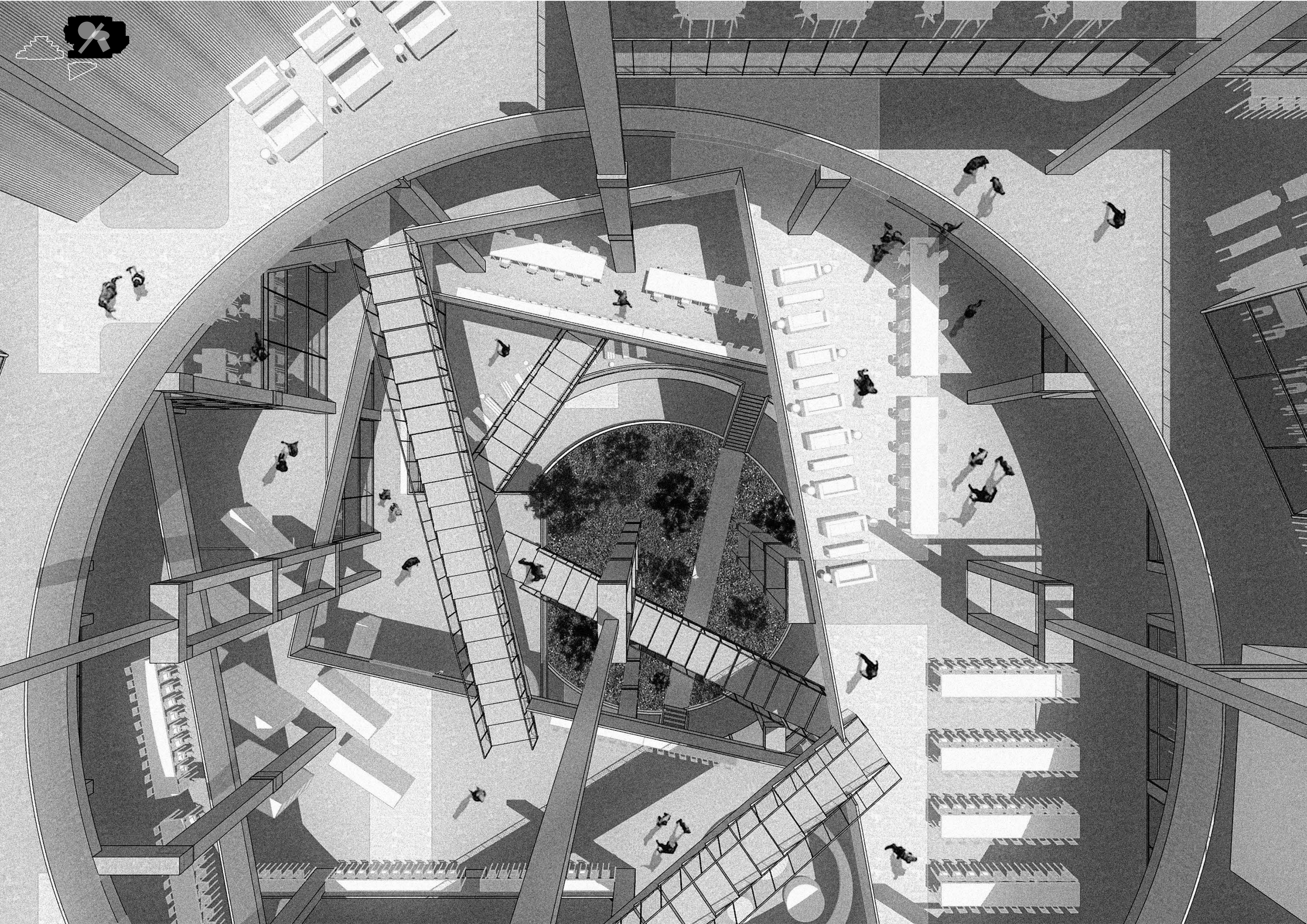
FUNCTIONAL VOID



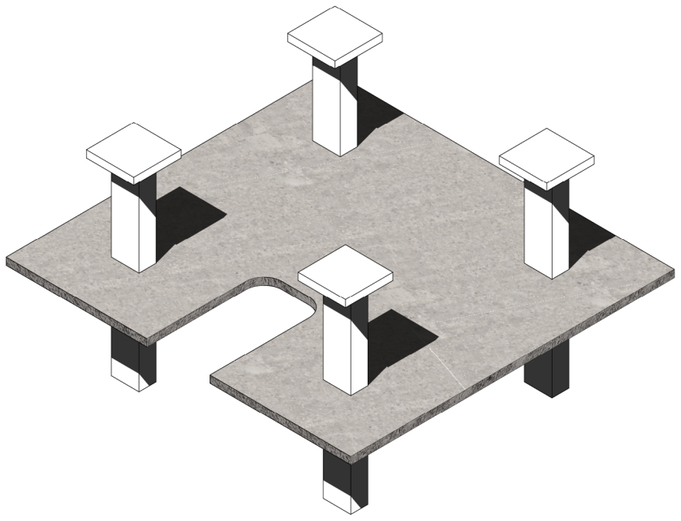
ground floor | first floor | second floor | third floor | fourth floor



FLOOR RECONSTRUCTION CONCEPT

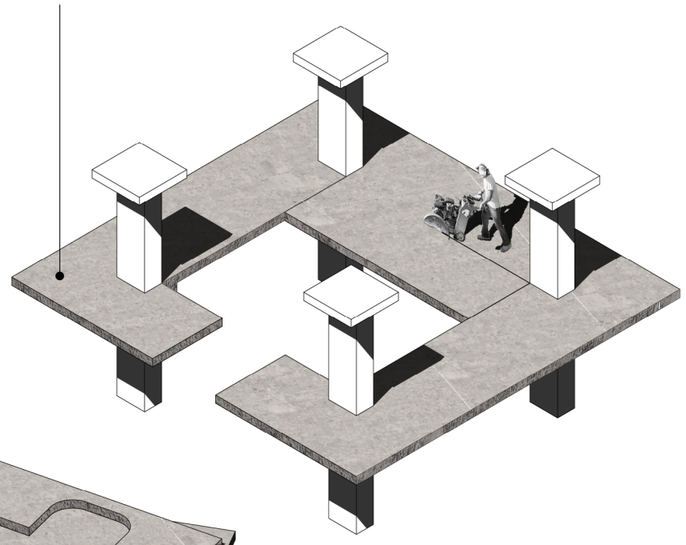


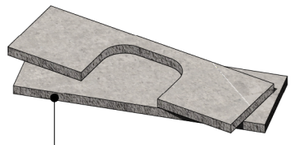
existing floor
with cut-out



new cut-out

use of one third
overhang rule

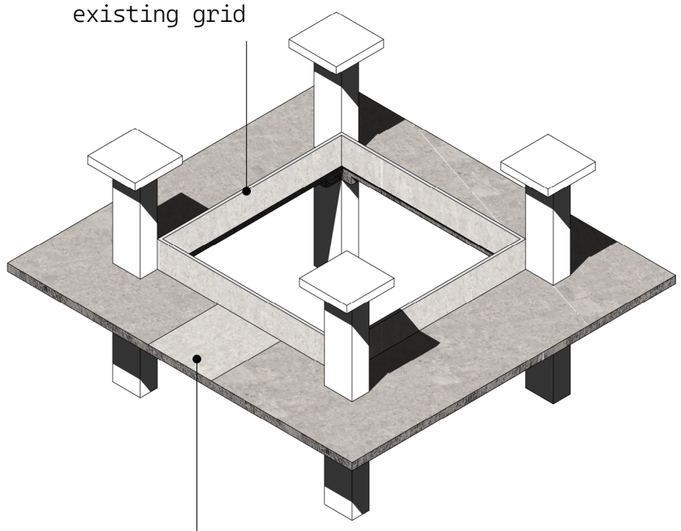




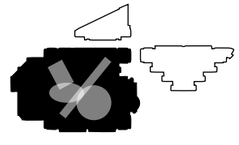
keep slabs intact
to re-use

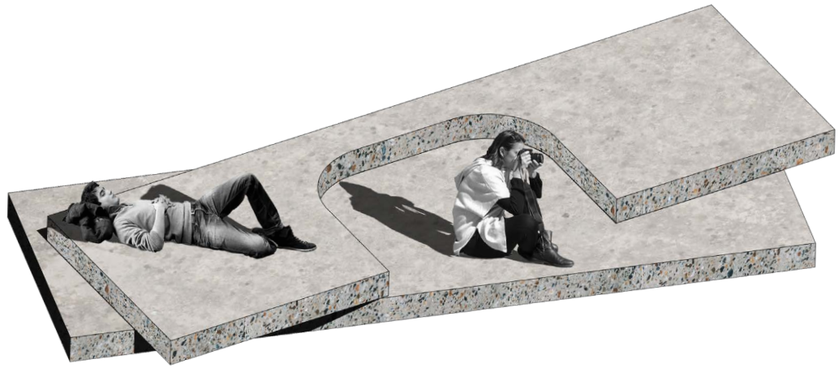
baluster + infill

follows
existing grid



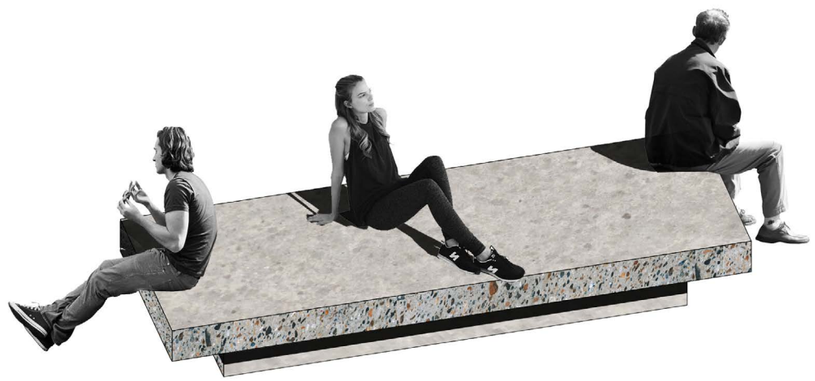
previous cut-out
remains visible

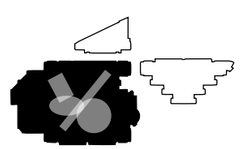








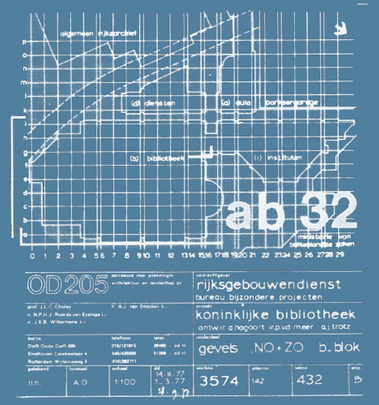




VOID RE-USE

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

noord_oost gevel bibliotheekblok



THE FACADE







© Lendager (2020)

internal wall



quick-build brick
prefab concrete

external wall



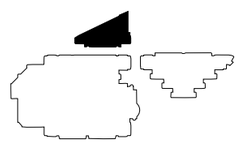
metal sheet cladding
on rigid insulation

© Bedachtzame dynamiek (2007)



existing

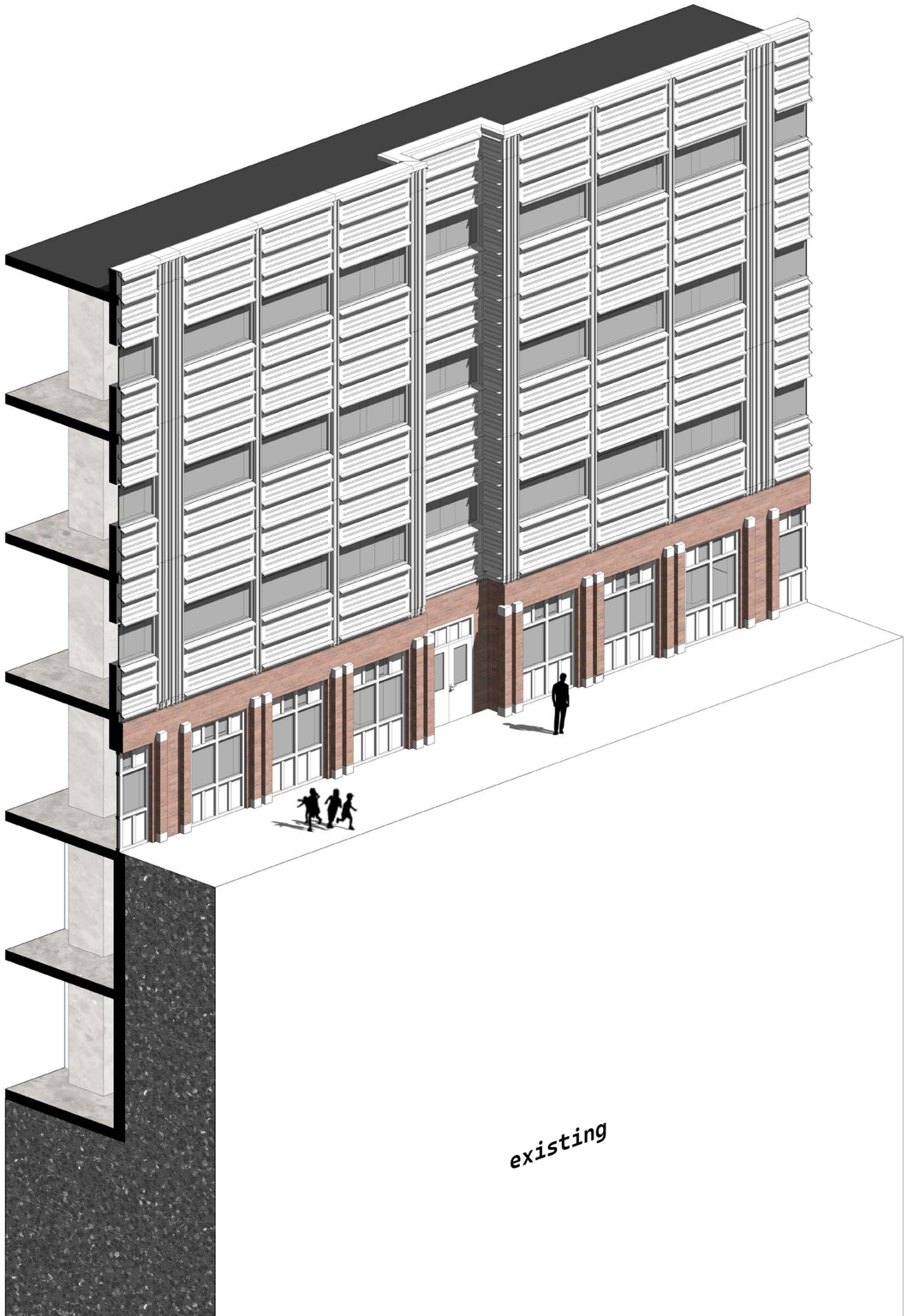
refinement



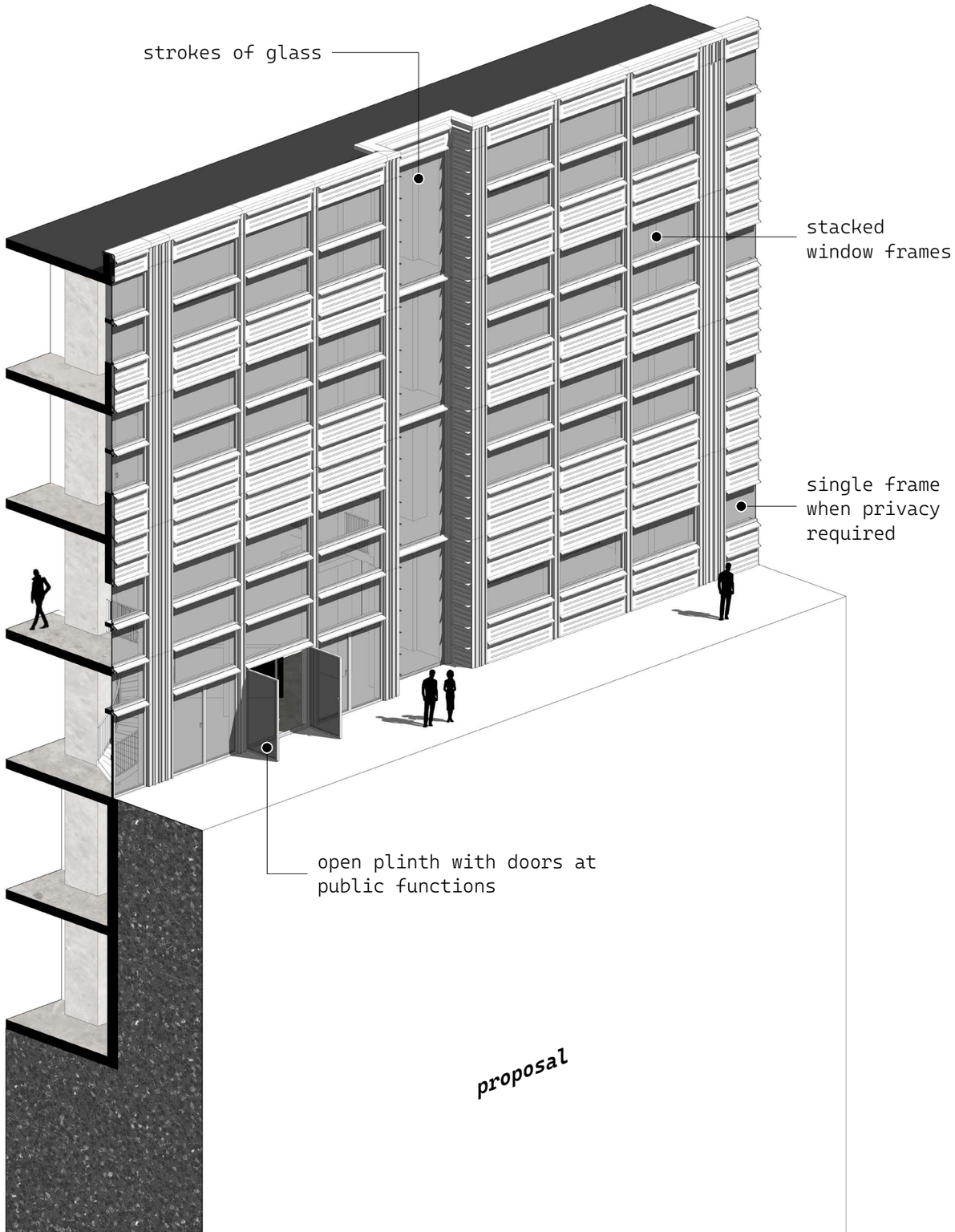
FACADE CONCEPT

GENERAL FACADE STRATEGY

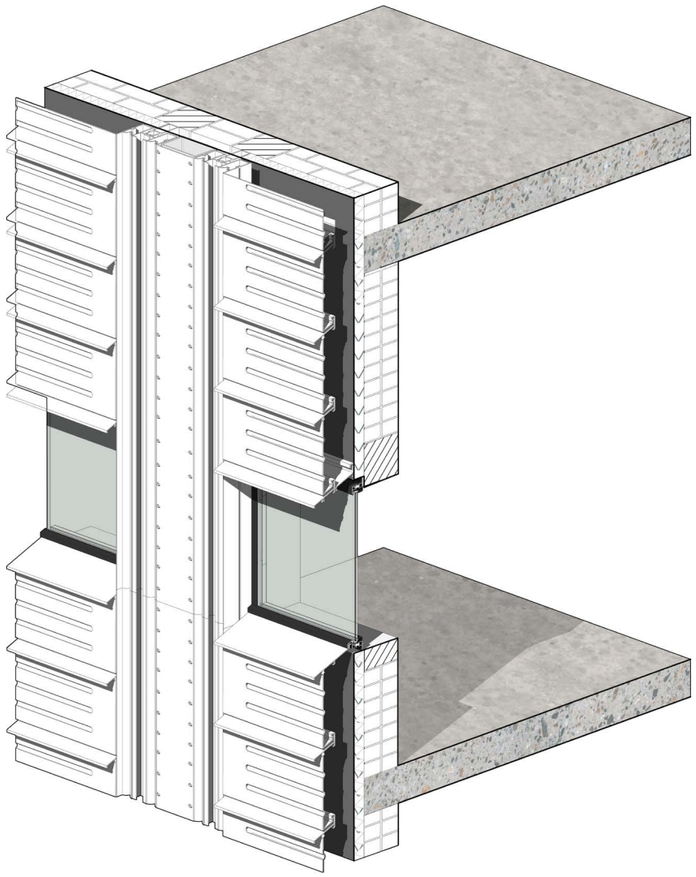
04



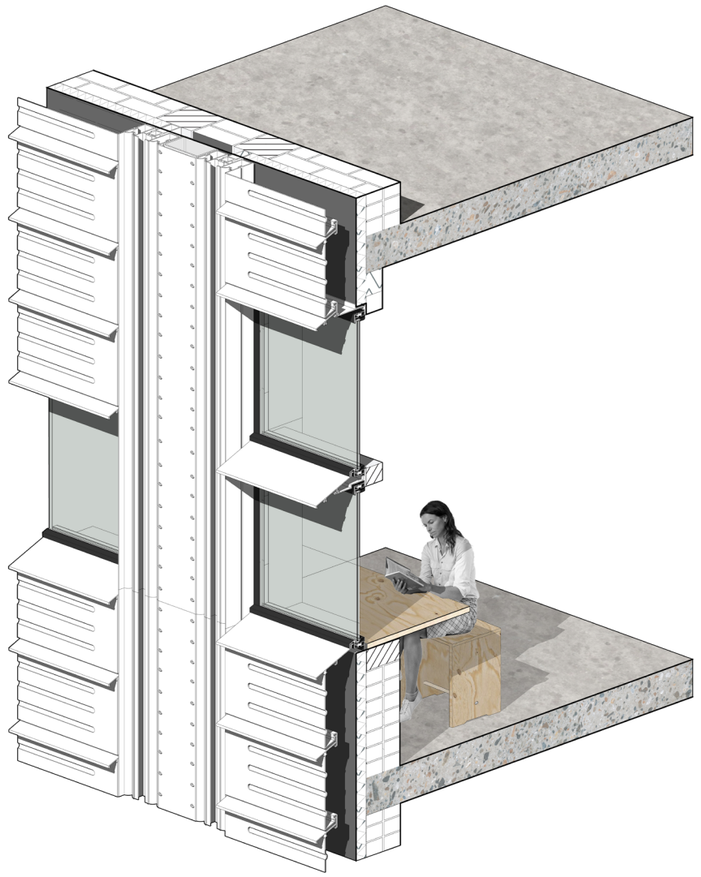
existing



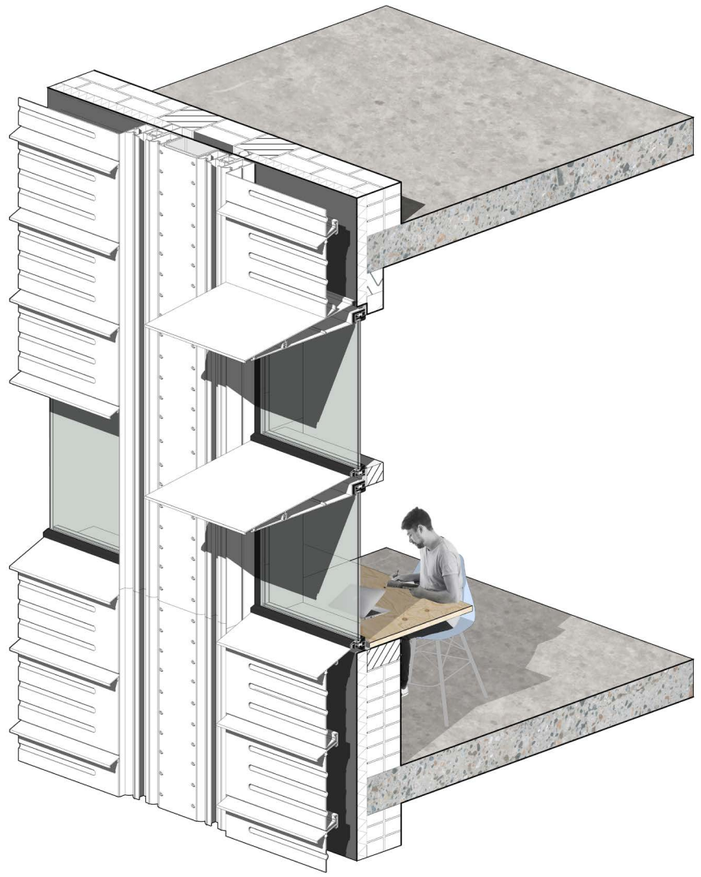
proposal



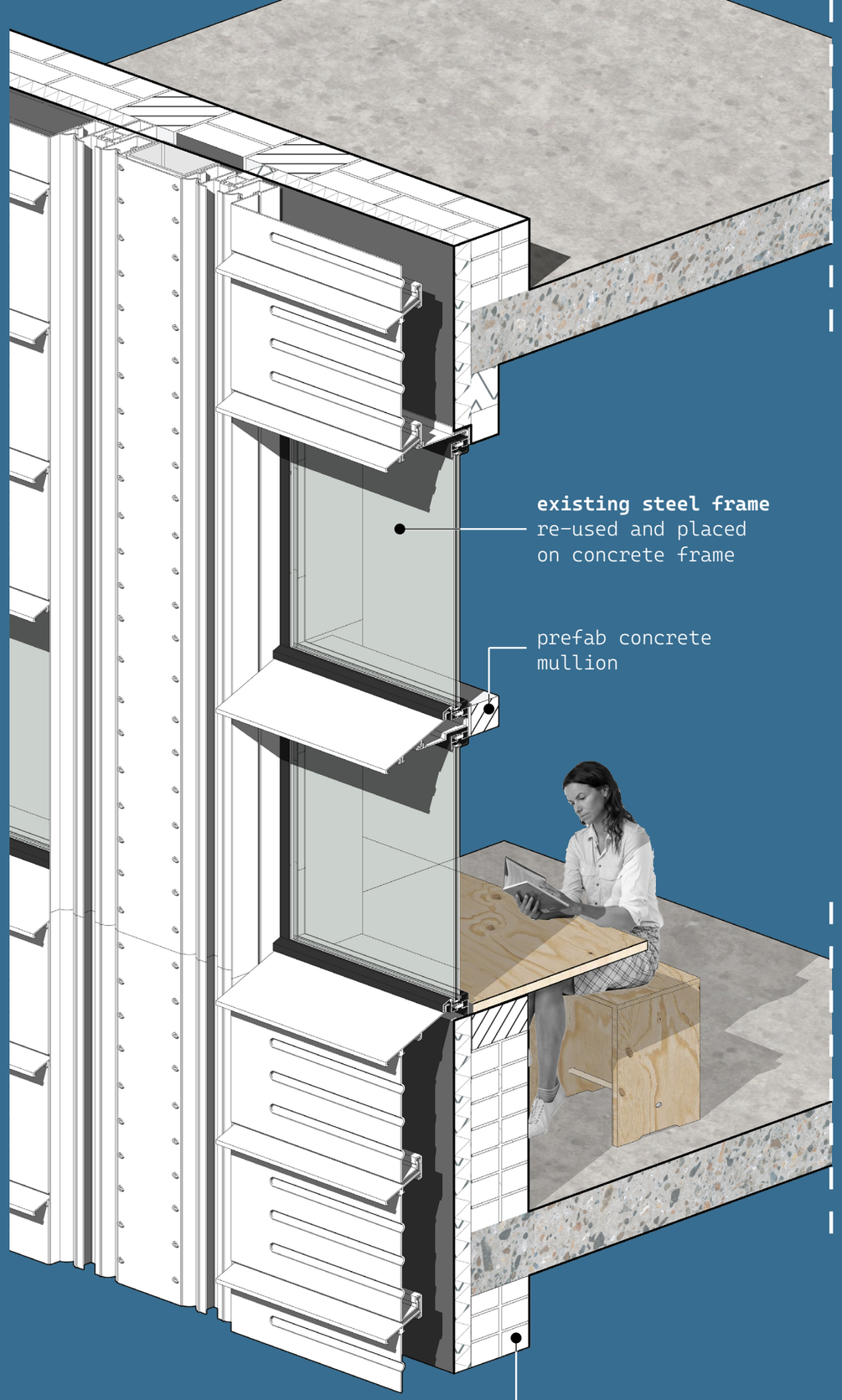
existing

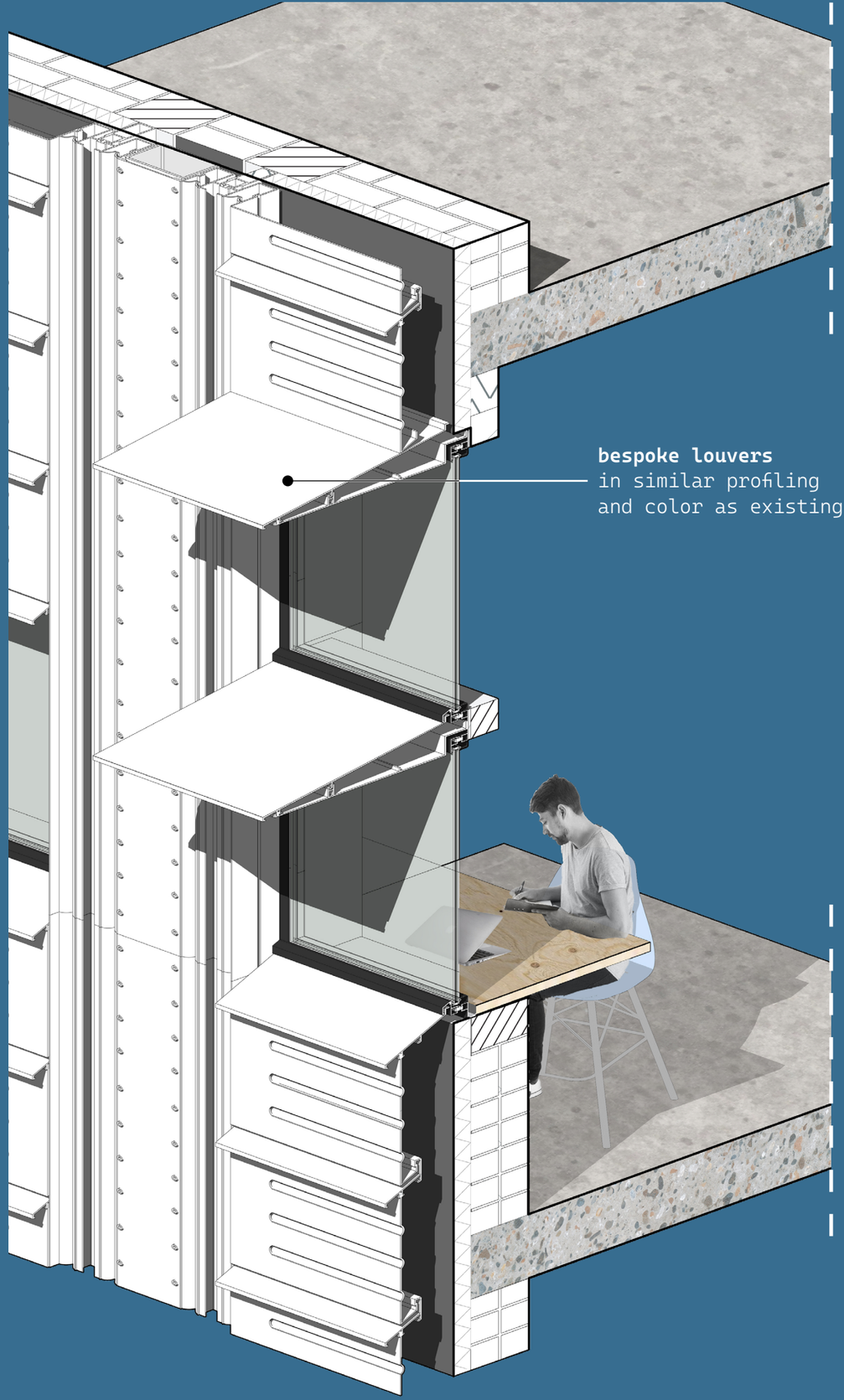


proposal

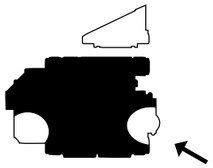


louver proposal



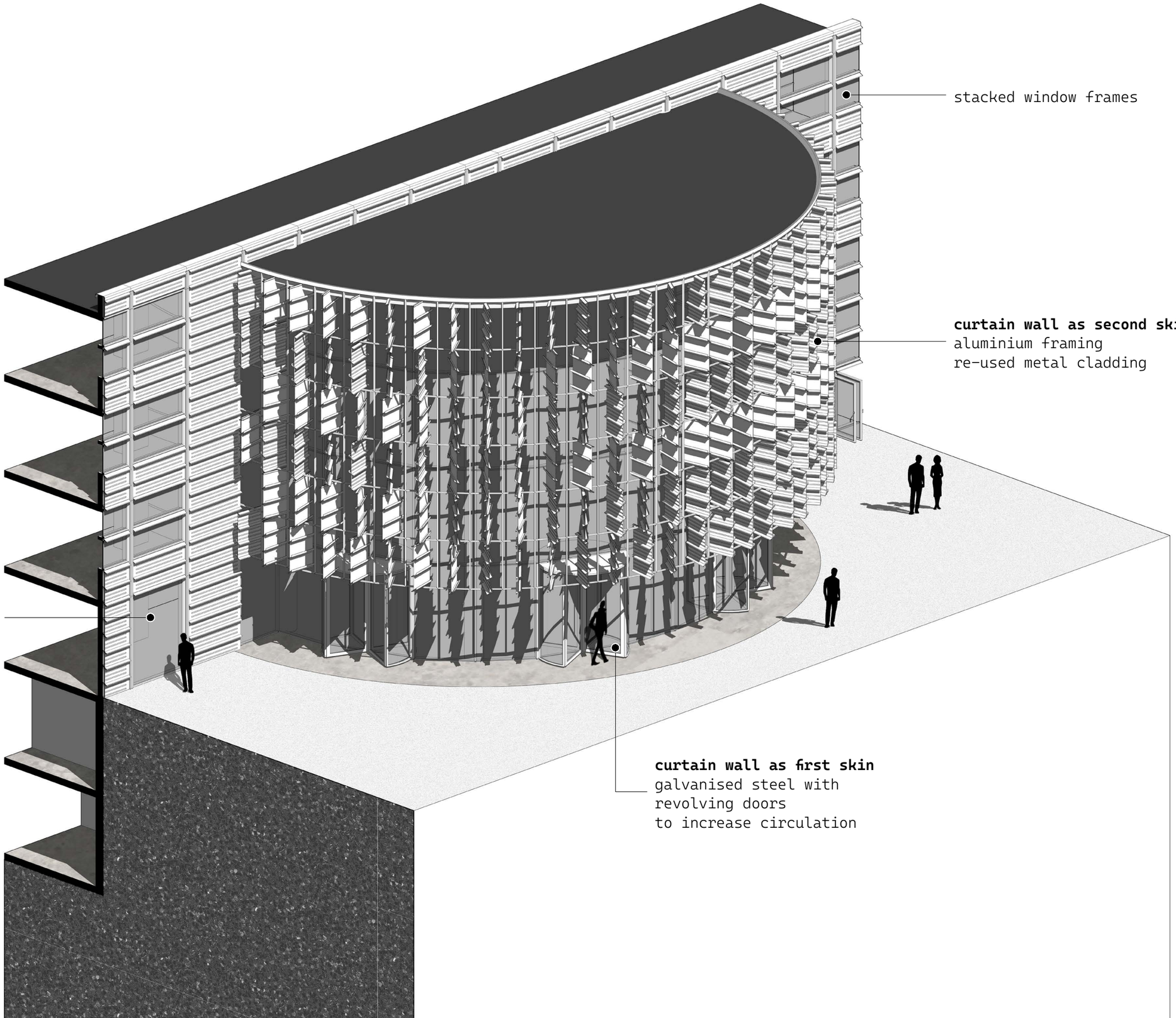


MAIN BUILDING DETAILING



ENTRANCE FACADE

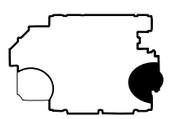
04



NORTH ENTRANCE FIRST FLOOR

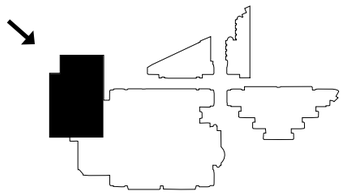
04

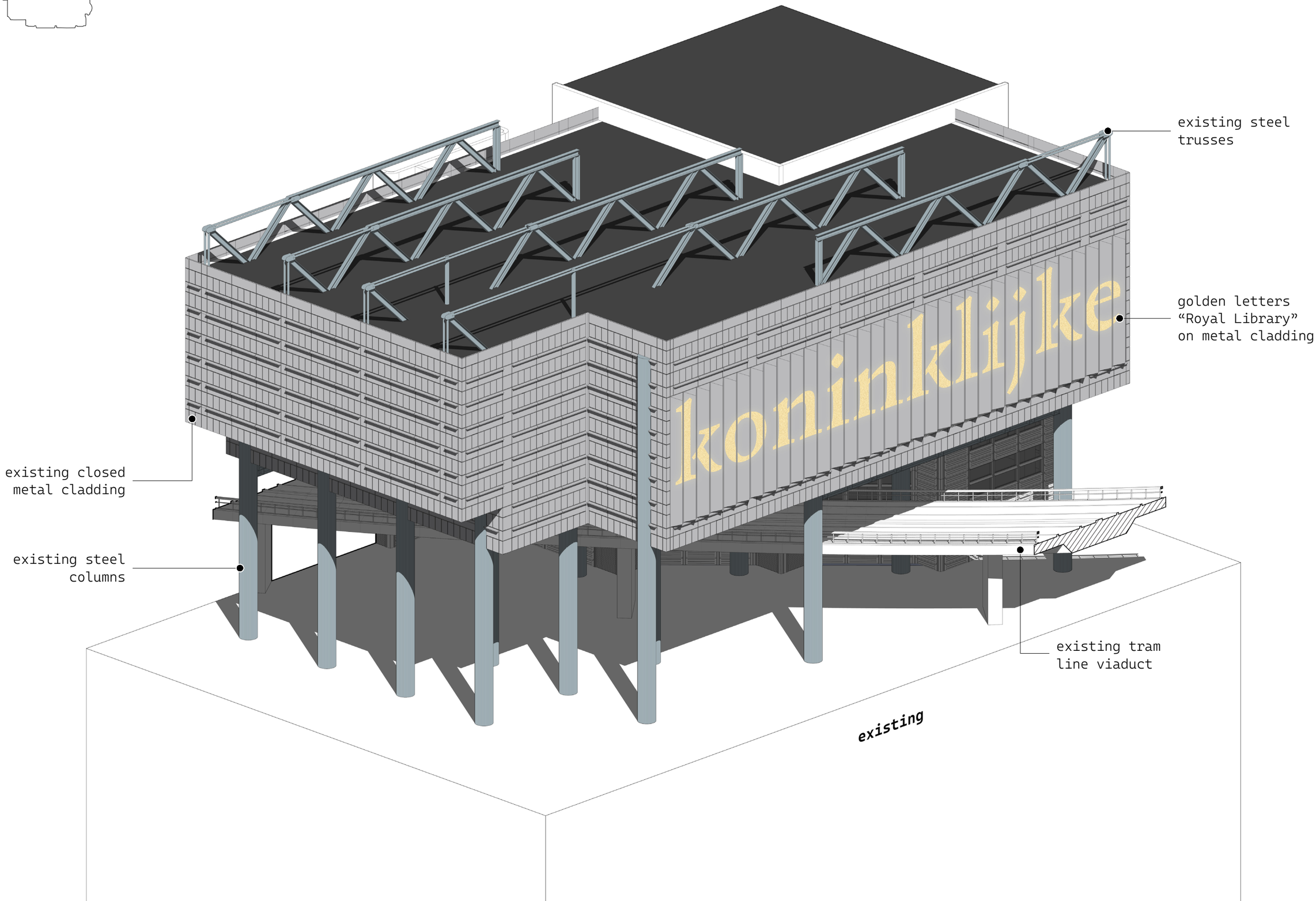


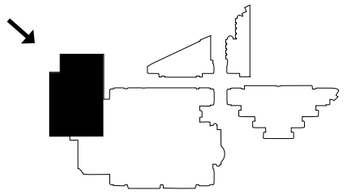


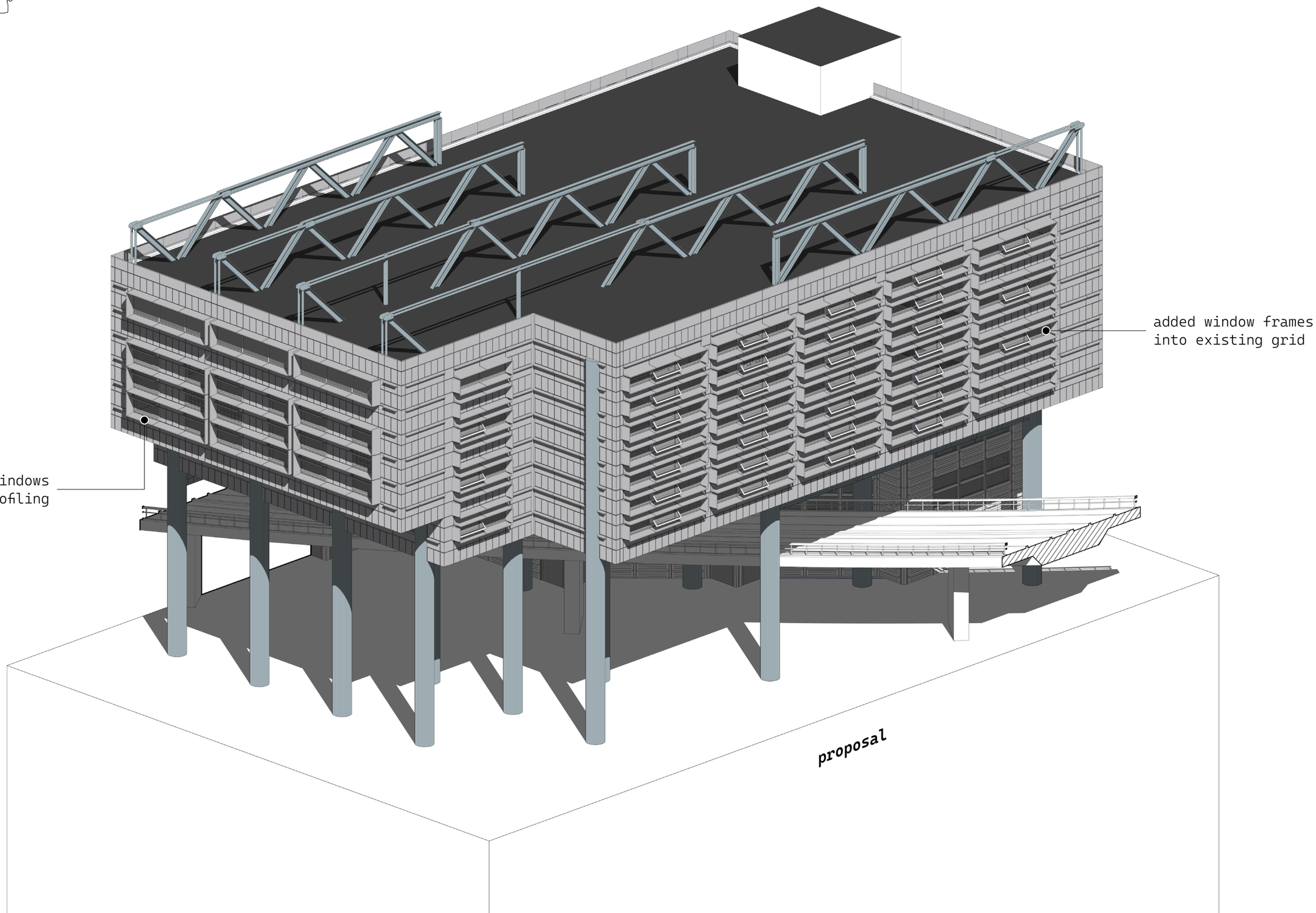
DEPOT FACADE

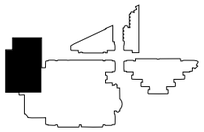
04

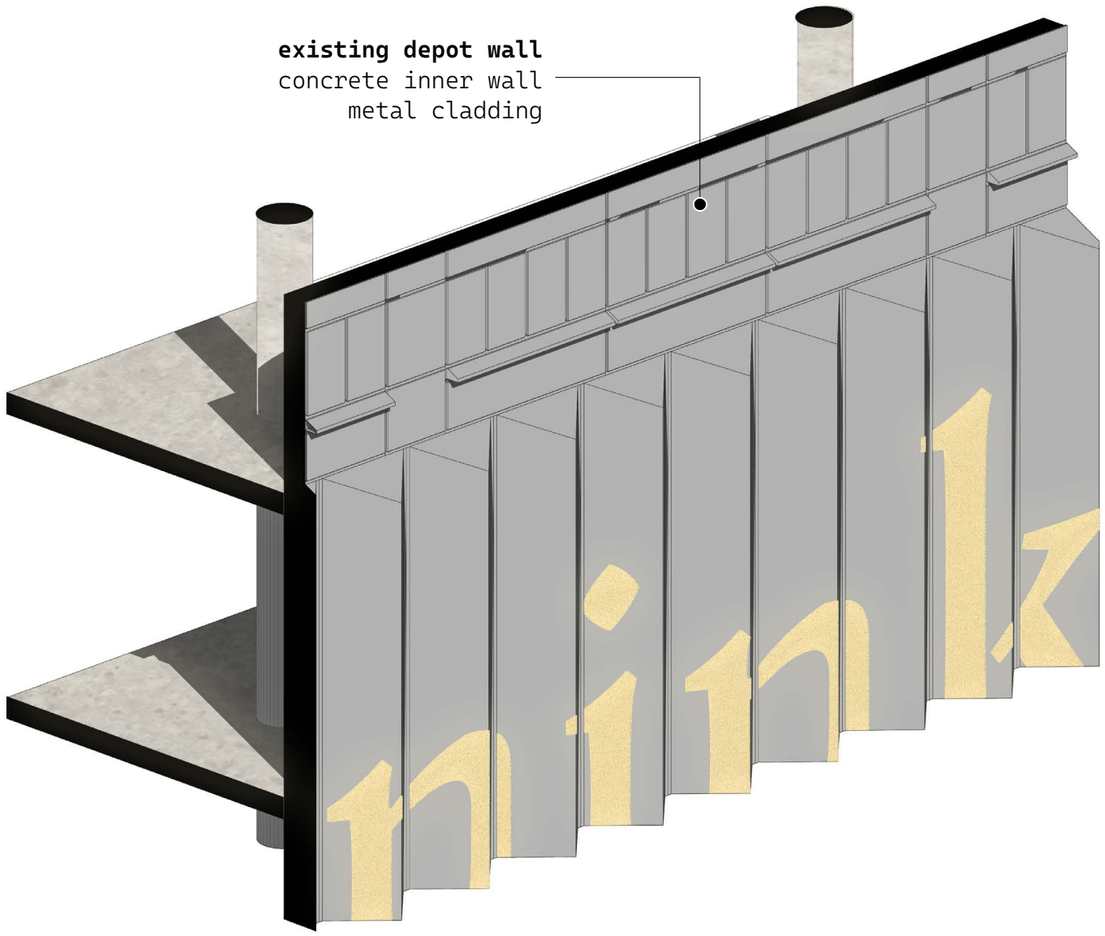




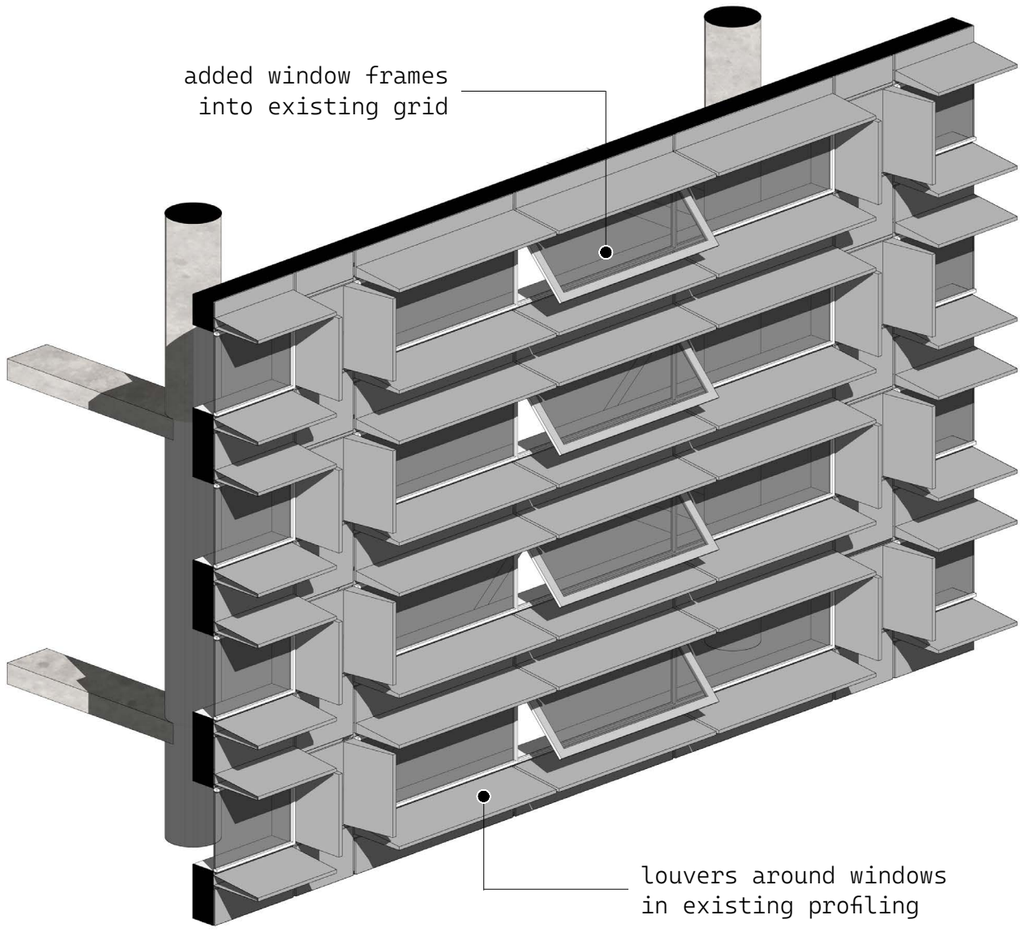



added window frames
into existing grid
louvers around windows
in existing profiling
proposal





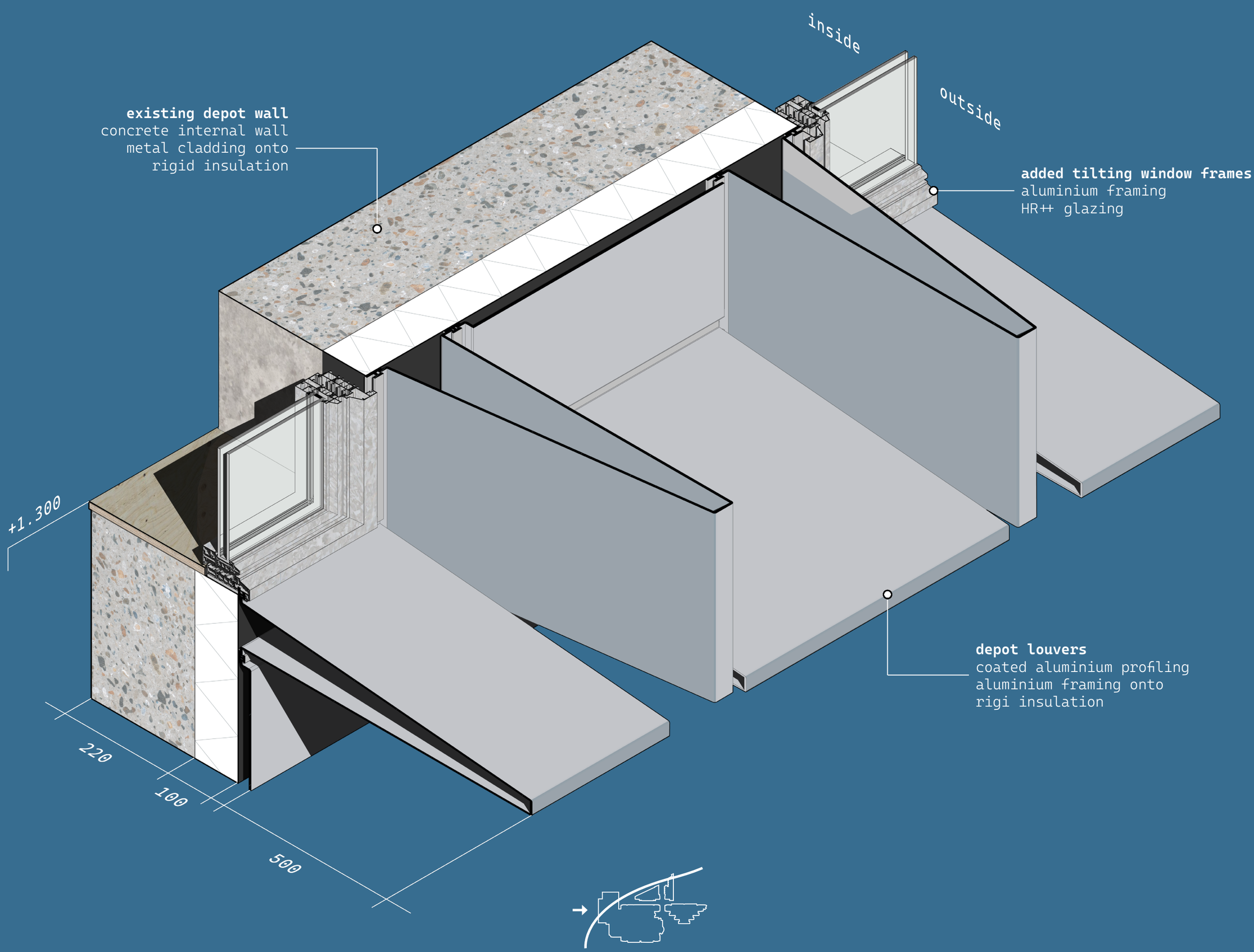
existing



proposal

DEPOT LOUVER DETAILING

04





research *by* *design*

THE BRIEF & SPATIAL STRATEGY 01

DETATCHMENT & VACANCY 02

THE EXISTING CAMPUS 03

DECONSTRUCTION STRATEGIES 04

HYBRIDITY & OCCUPANCY 05

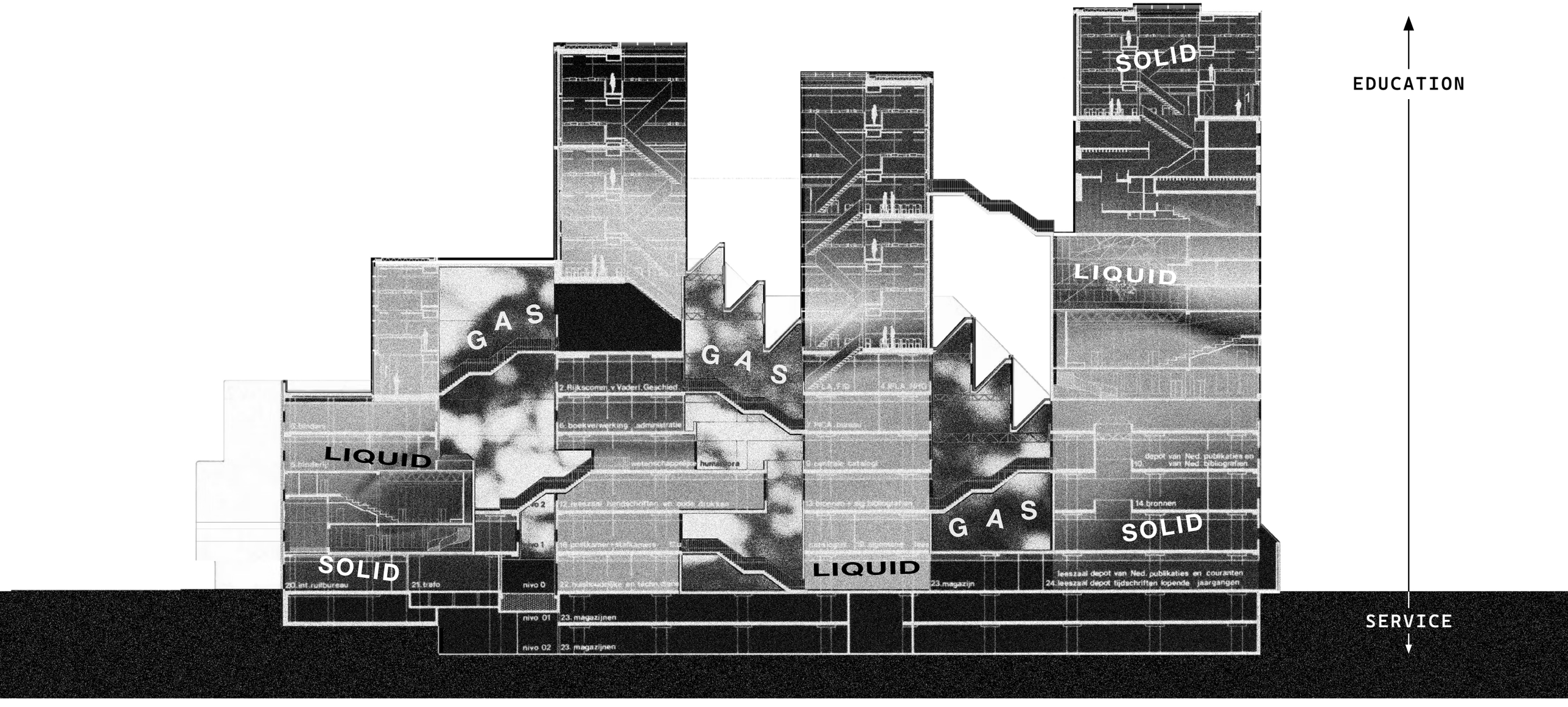
PROJECT POSITIONING

CAMPUS INTERPRETATION

INTERVENTION

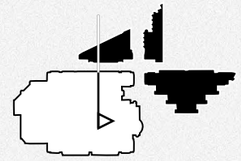
PROGRAM COMPOSITION

CONTENT



HYBRIDITY CONCEPT

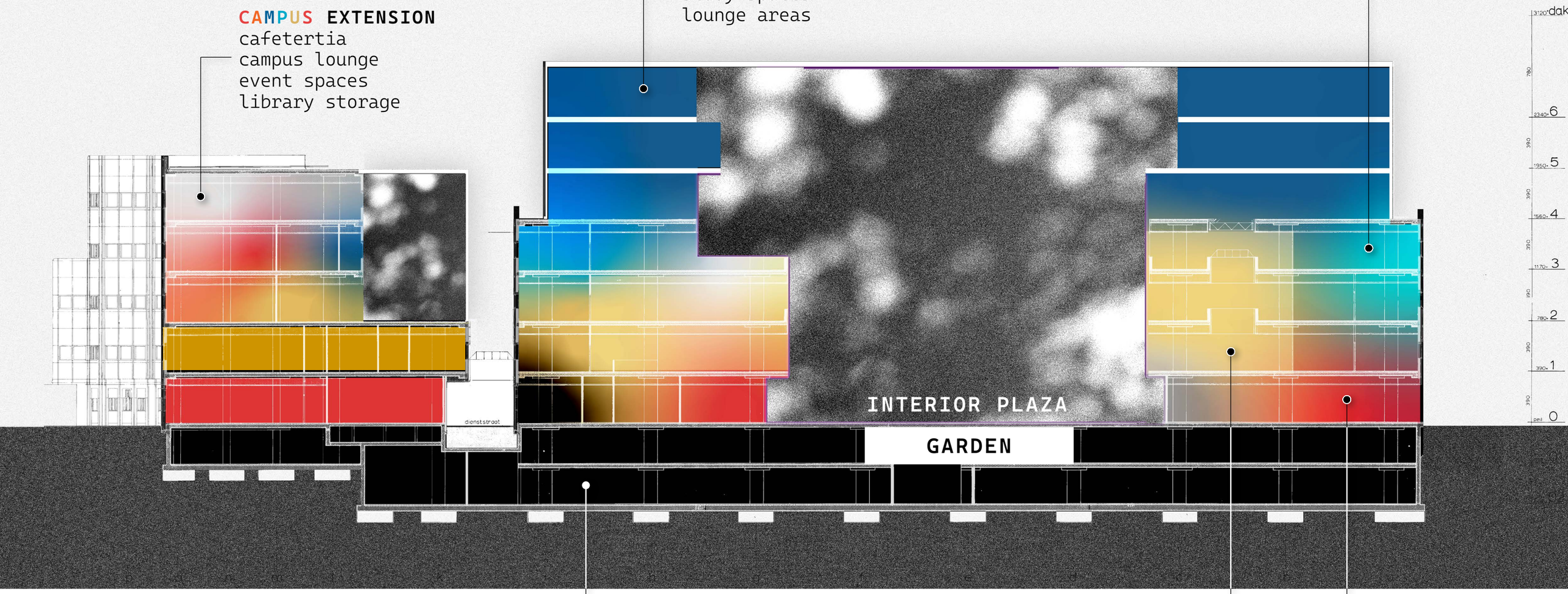
© Den Heijer



CAMPUS EXTENSION
cafetertia
campus lounge
event spaces
library storage

EDUCATIONAL
lecture rooms
classrooms
studio spaces
maker spaces
study spaces
lounge areas

OFFICES
shared office space
permanent work spaces
lounge areas

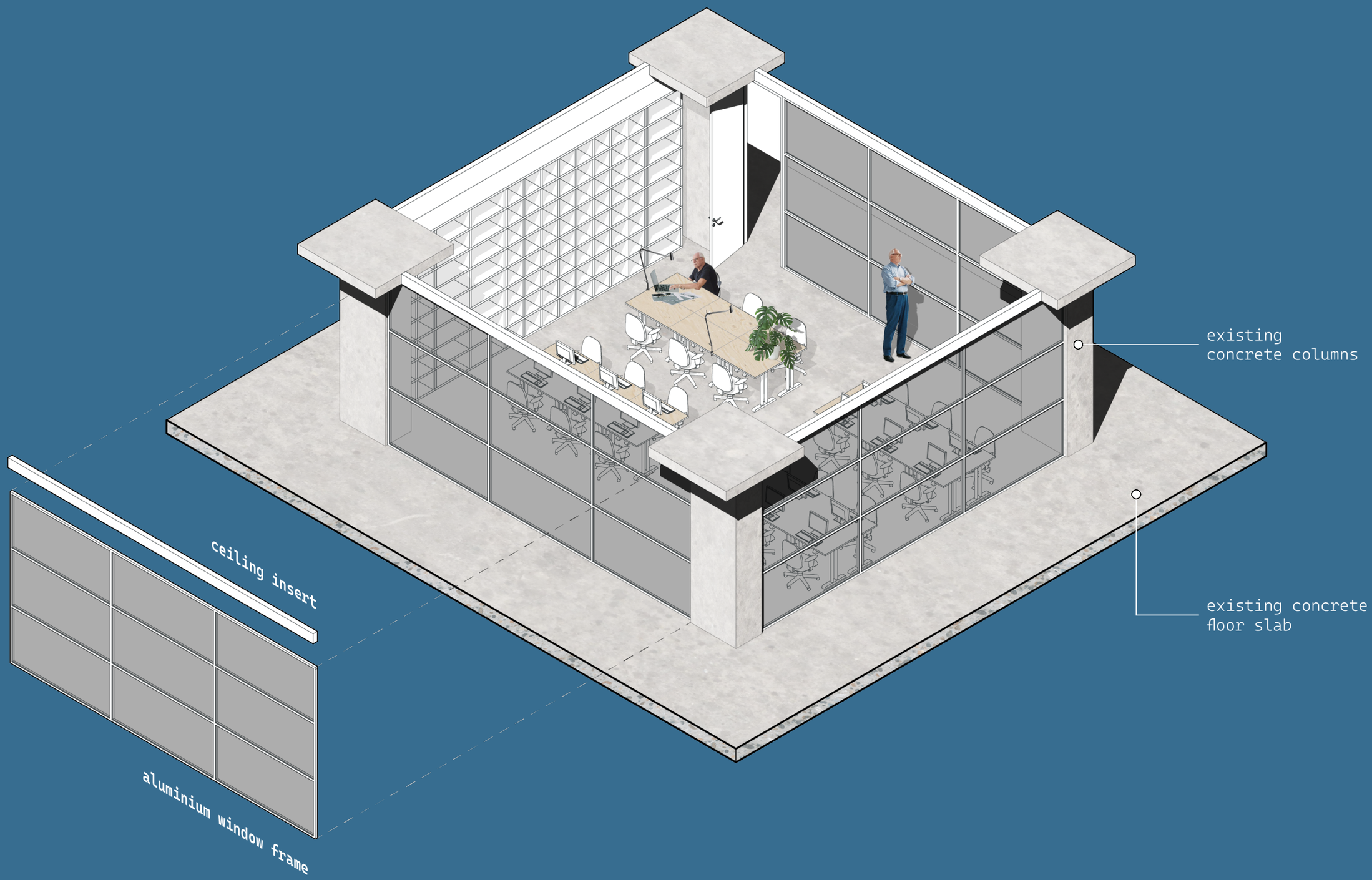


SERVANT SPACES
services
program storage
bike storage
car parking

LIBRARY
book shop
study spaces
reading spaces
library collection

COMMERCIAL
grocery store
cafe & bar
restaurant

PROGRAM SECTION

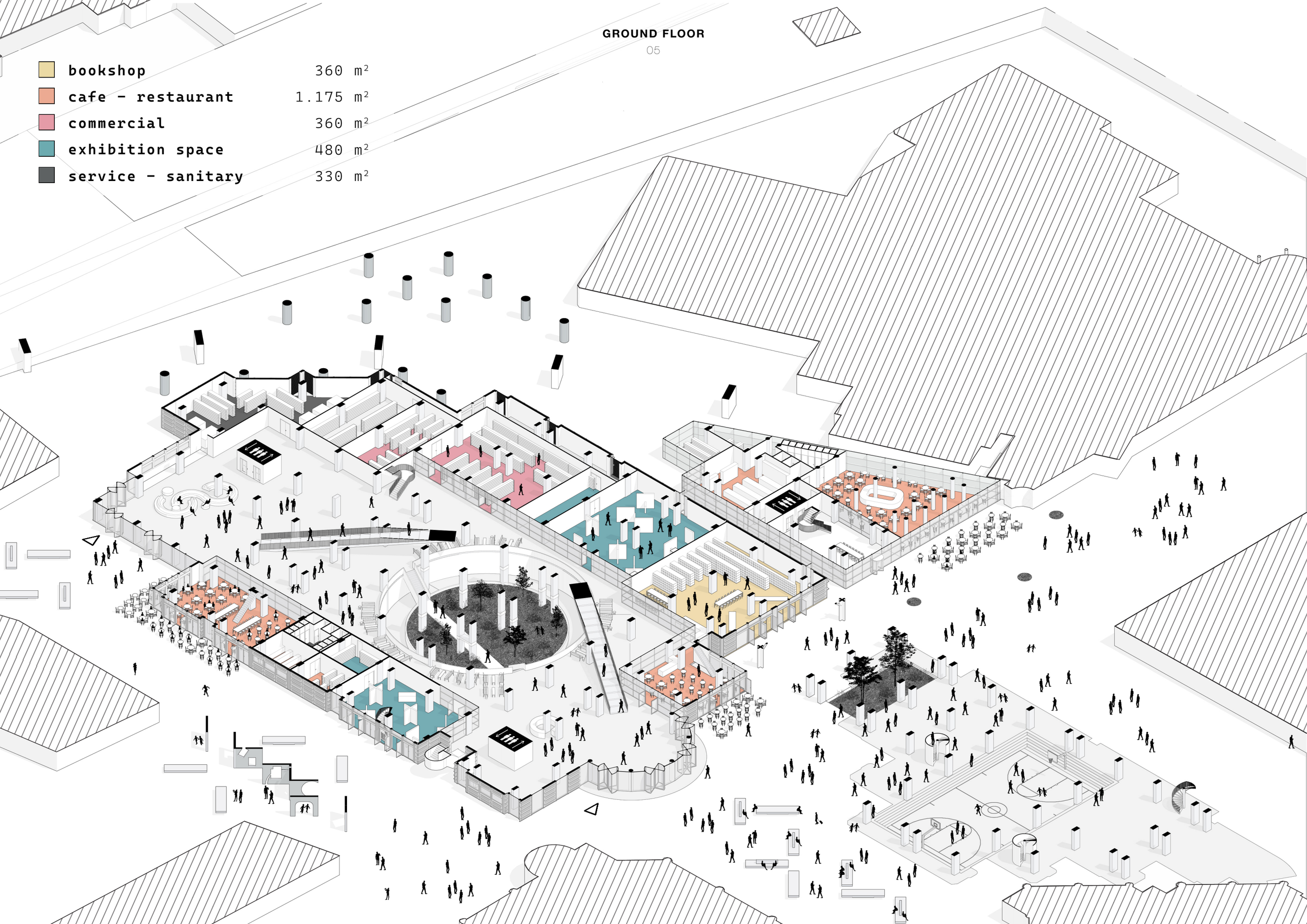


INSERTED PROGRAM

GROUND FLOOR

05

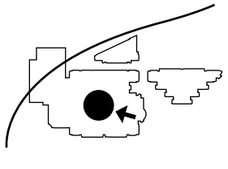
bookshop	360 m²
cafe - restaurant	1.175 m²
commercial	360 m²
exhibition space	480 m²
service - sanitary	330 m²



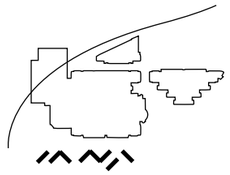
PIT GARDEN GROUND FLOOR

05







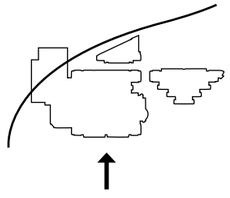



street level
the library
the faculty
the west wing
offices

NORTH SQUARE STREET LEVEL

05

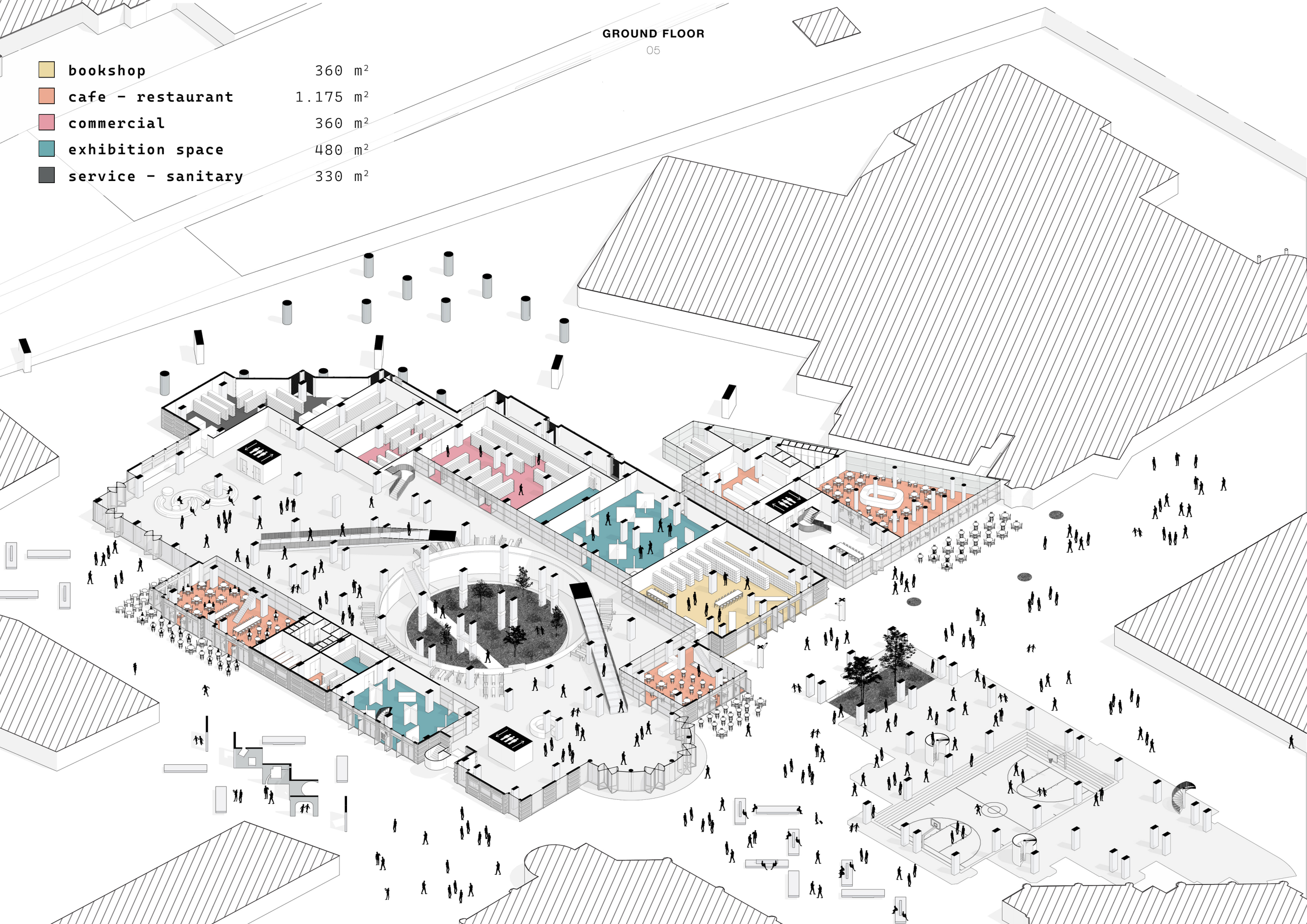




GROUND FLOOR

05

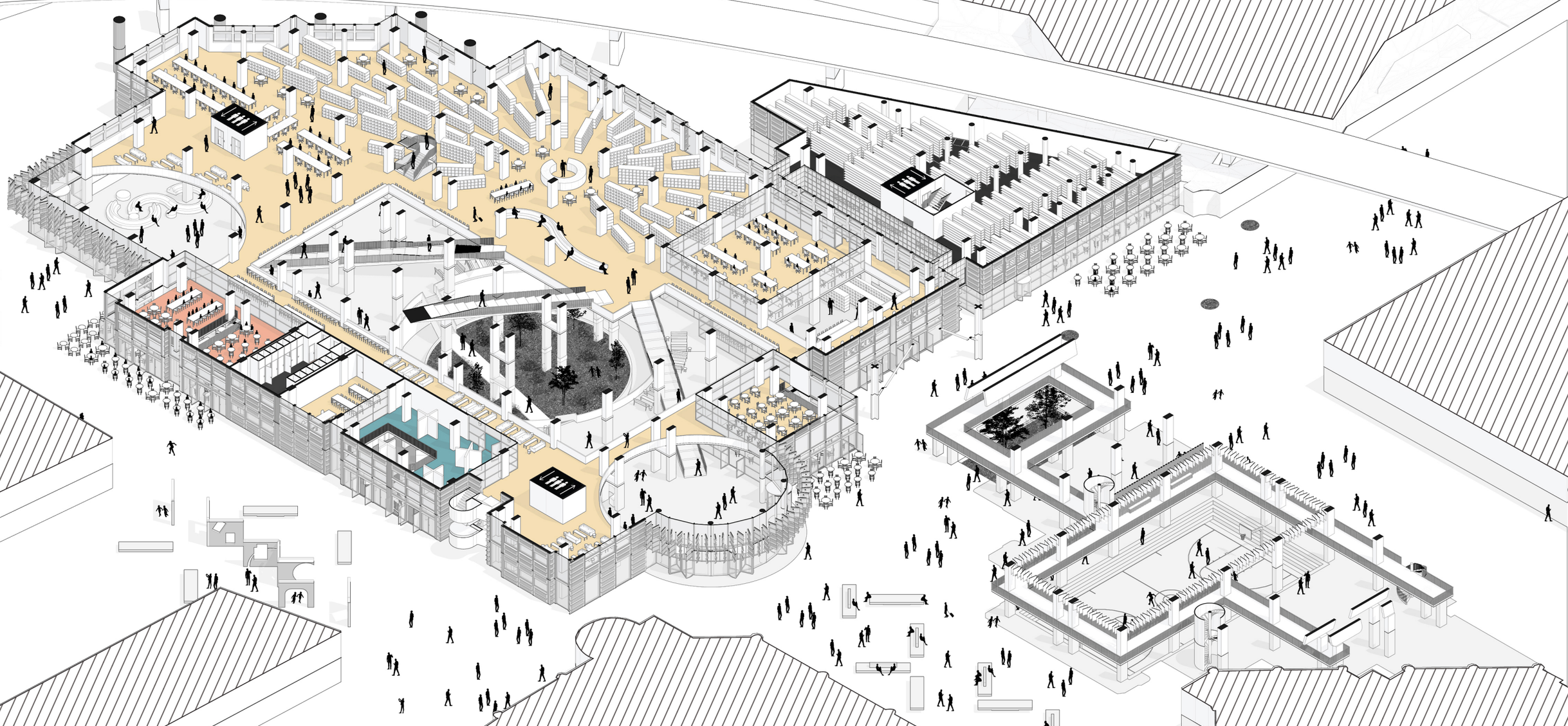
bookshop	360 m²
cafe - restaurant	1.175 m²
commercial	360 m²
exhibition space	480 m²
service - sanitary	330 m²



FIRST FLOOR

05

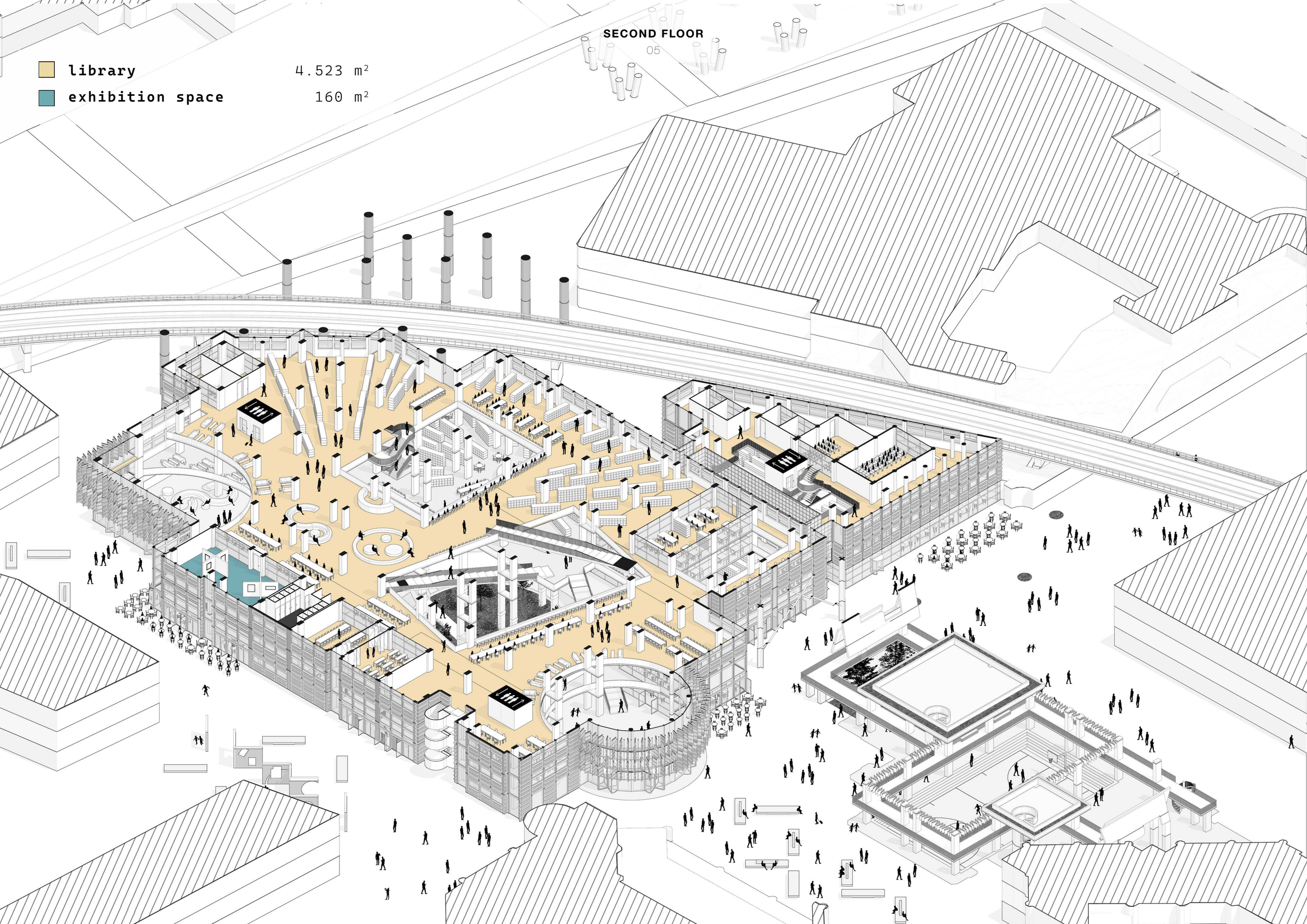
library	2.440	m²
cafe - restaurant	160	m²
exhibition space	160	m²
storage - sanitary	800	m²



SECOND FLOOR

05

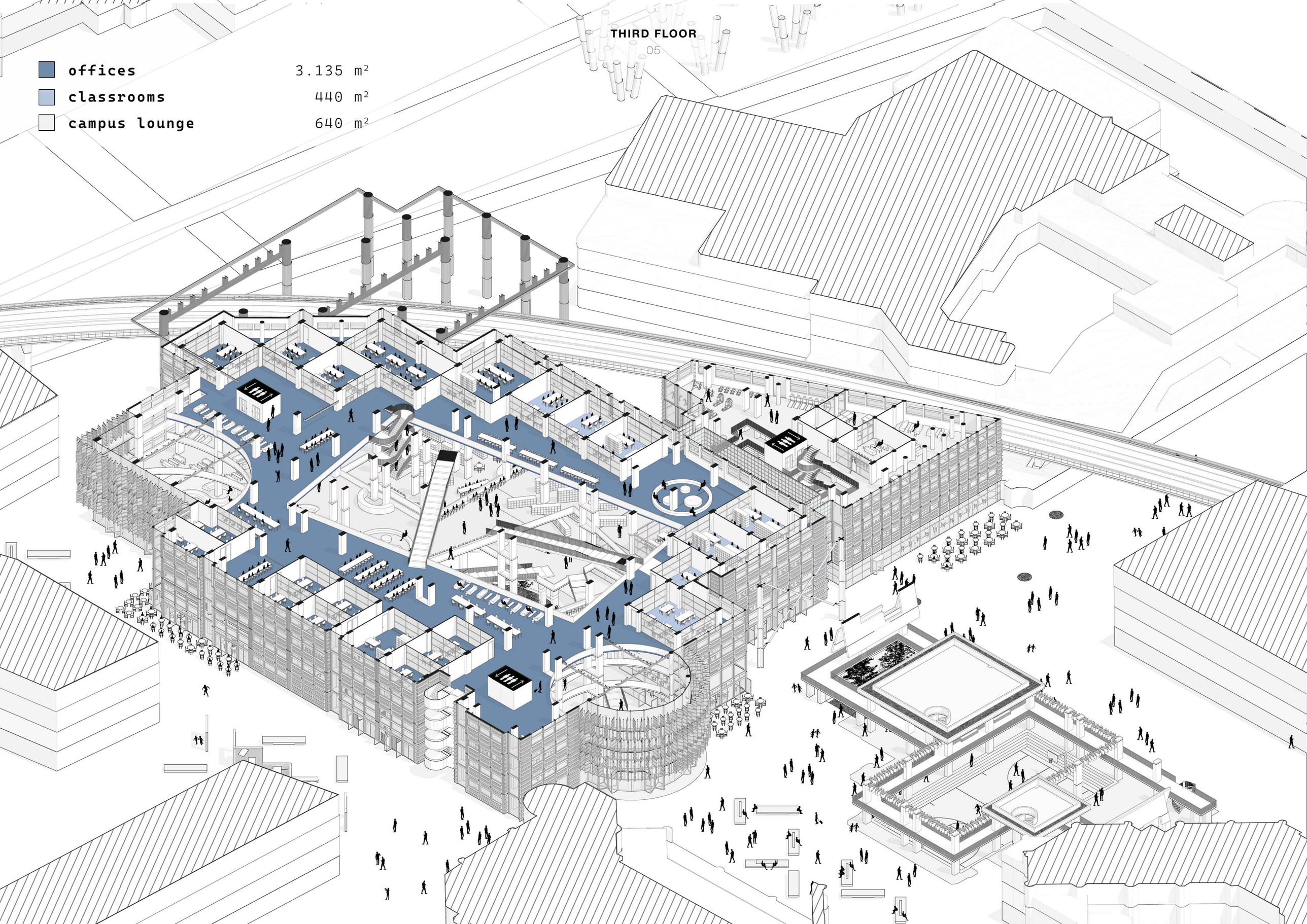
library	4.523 m²
exhibition space	160 m²



THIRD FLOOR

05

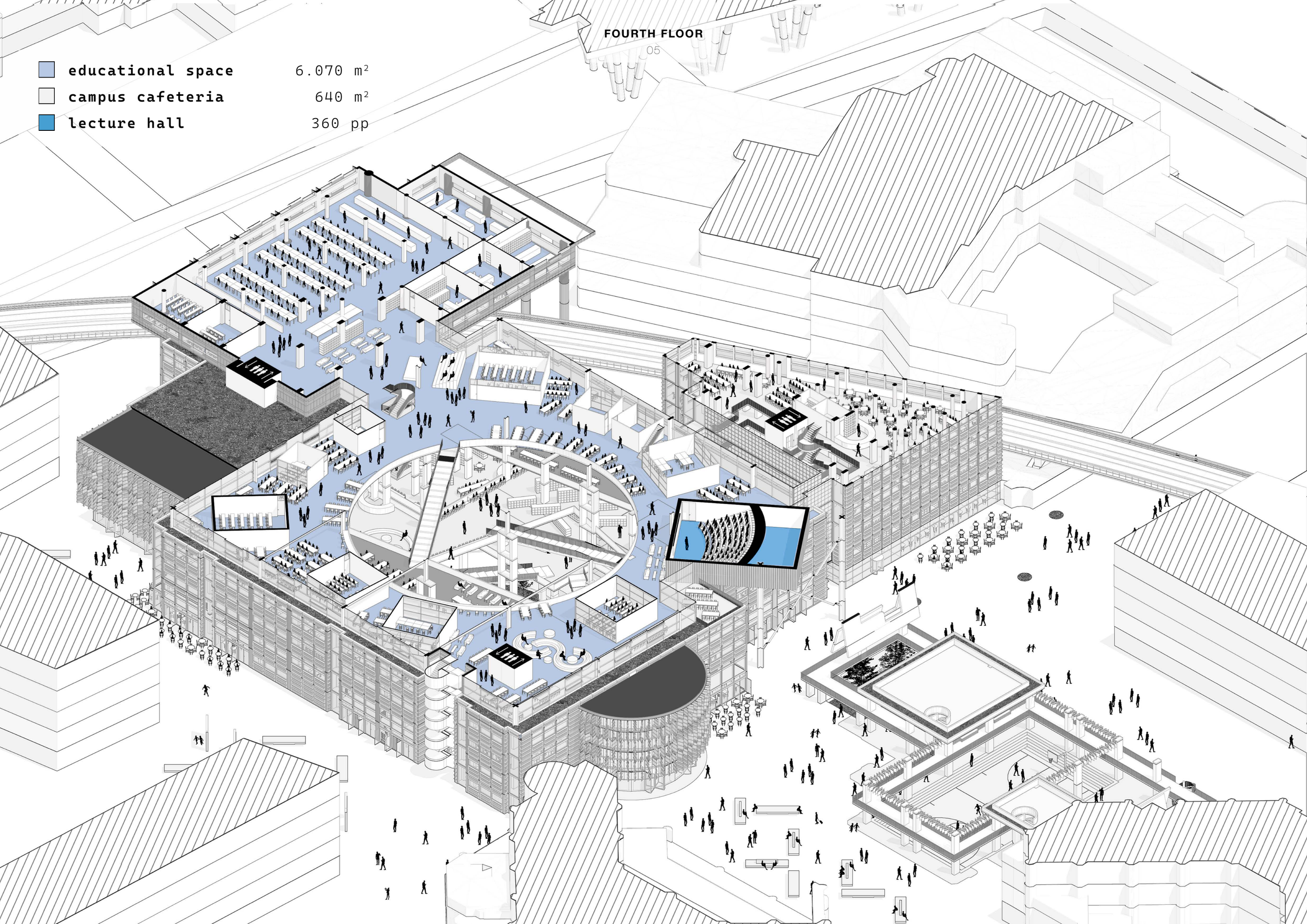
offices	3.135 m²
classrooms	440 m²
campus lounge	640 m²



FOURTH FLOOR

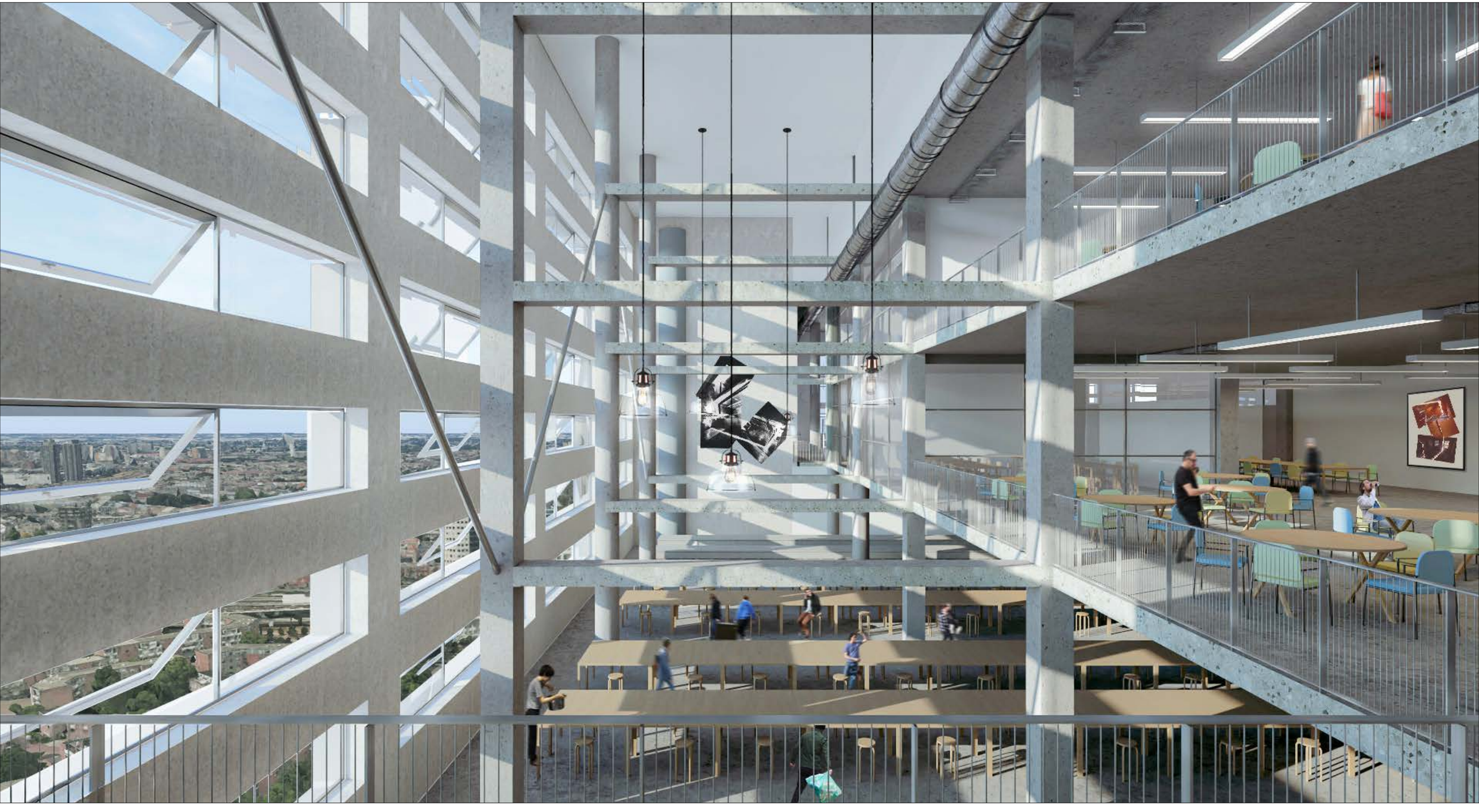
05

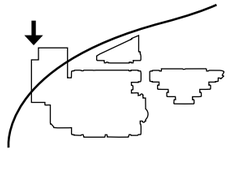
educational space	6.070 m²
campus cafeteria	640 m²
lecture hall	360 pp



MAKER SPACE 4TH FLOOR

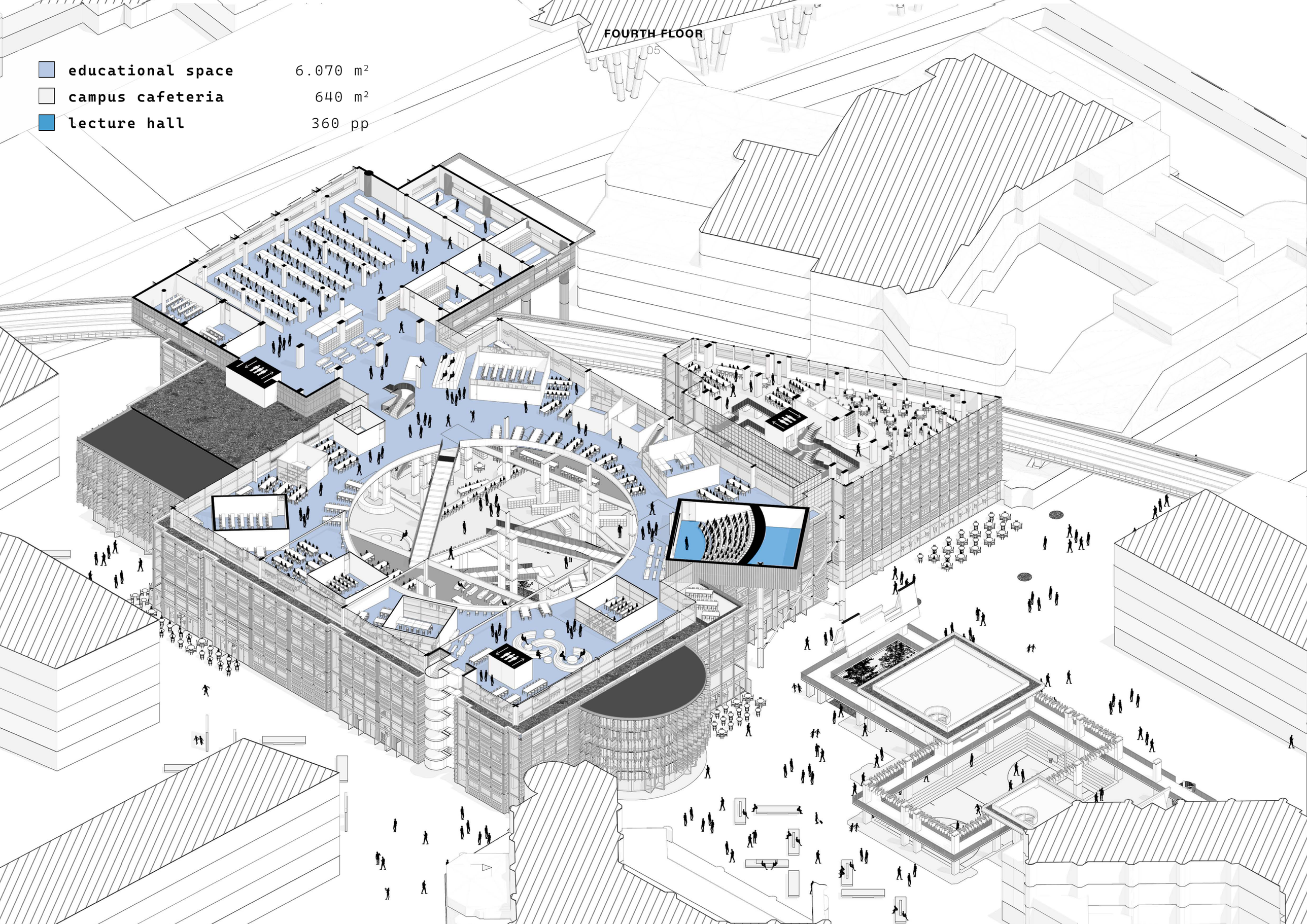
05



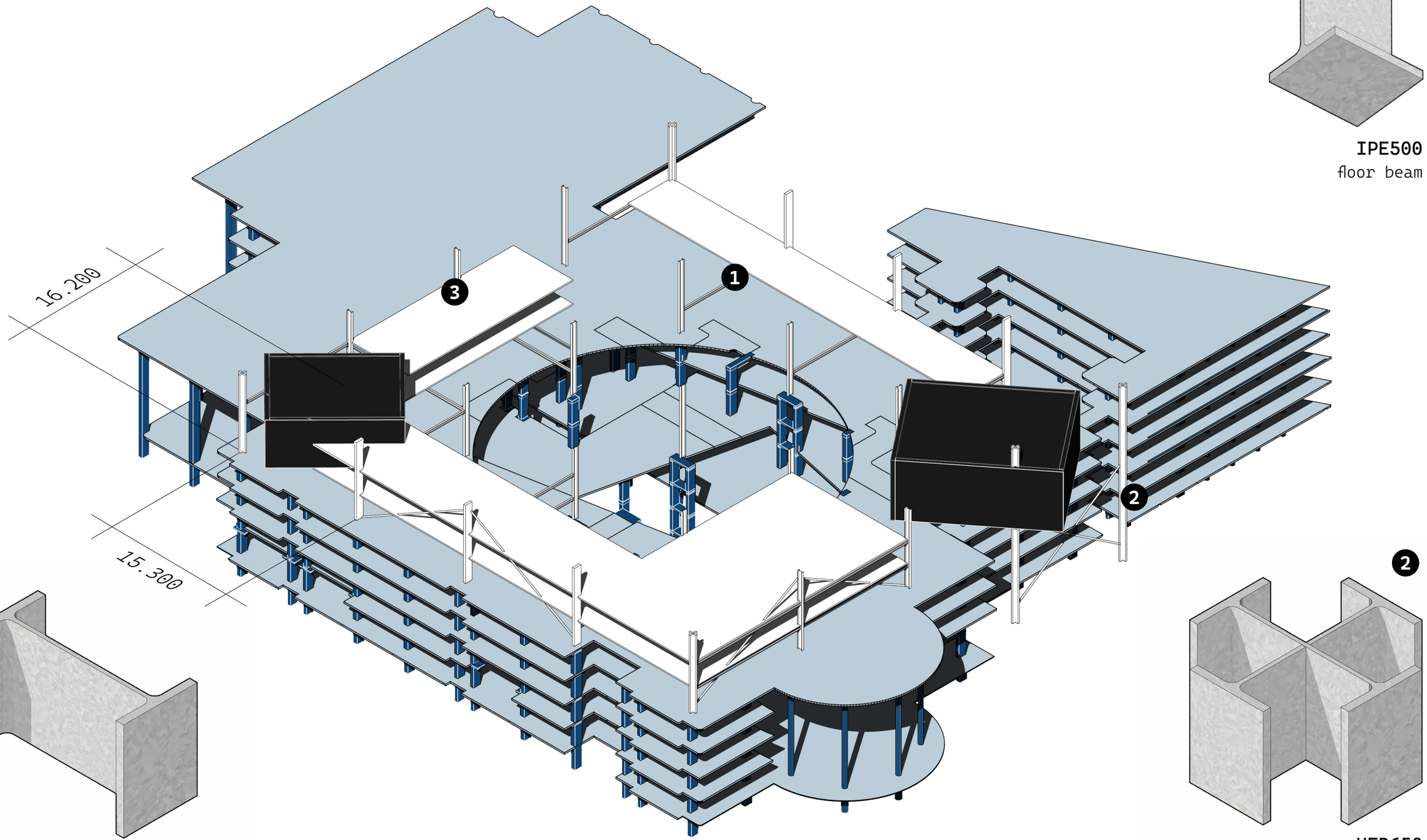


FOURTH FLOOR

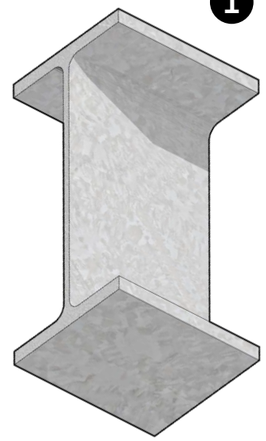
educational space	6.070 m²
campus cafeteria	640 m²
lecture hall	360 pp



existing concrete floor slabs
existing concrete columns
corrugated steel floors
CLT skeleton



1



IPE500
floor beam

3

HEB650

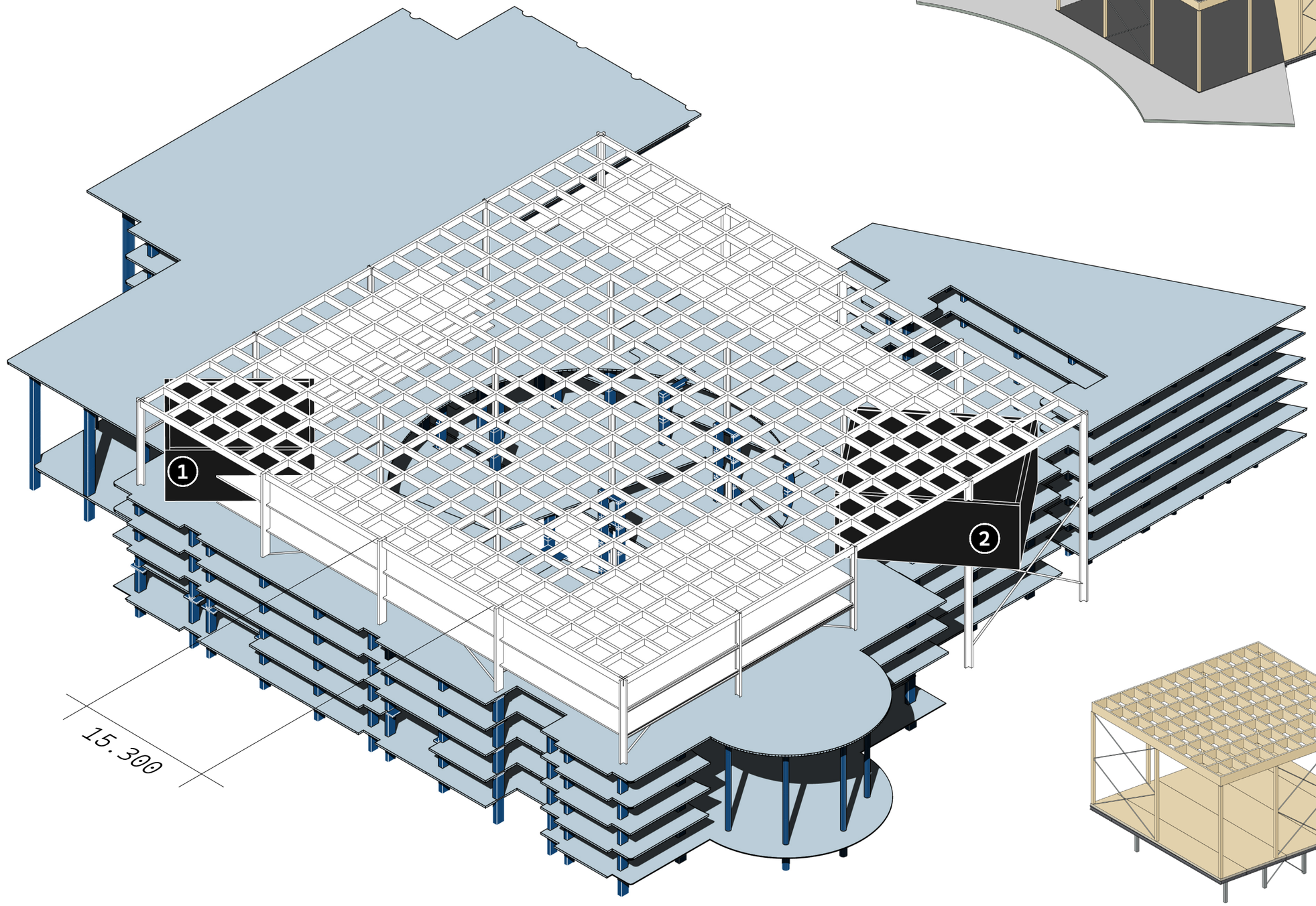
2

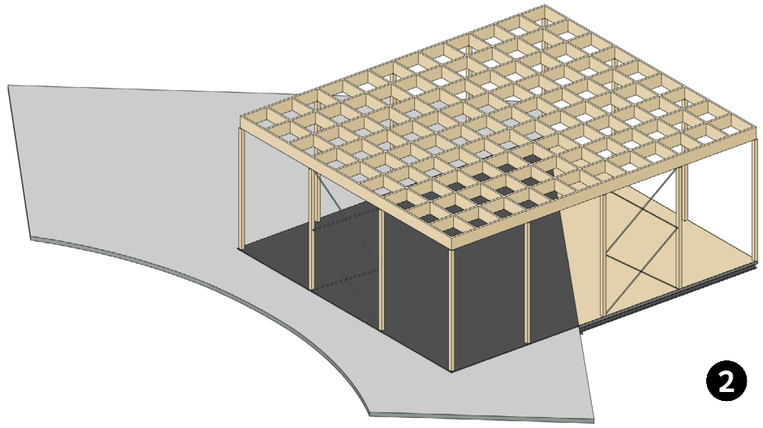
HEB650
cruciform

CLT ROOF

05

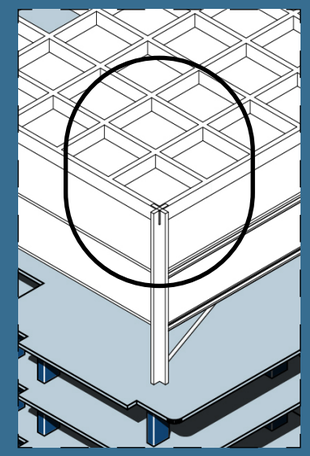
existing concrete floor slabs
existing concrete columns
CLT roof





CLT ROOF

05



3.240

sub structure
CLT beam

180

720

sloped roof structure
wooden framework

main structure
CLT beam

steel column
crucifix HEB650

FIFTH FLOOR

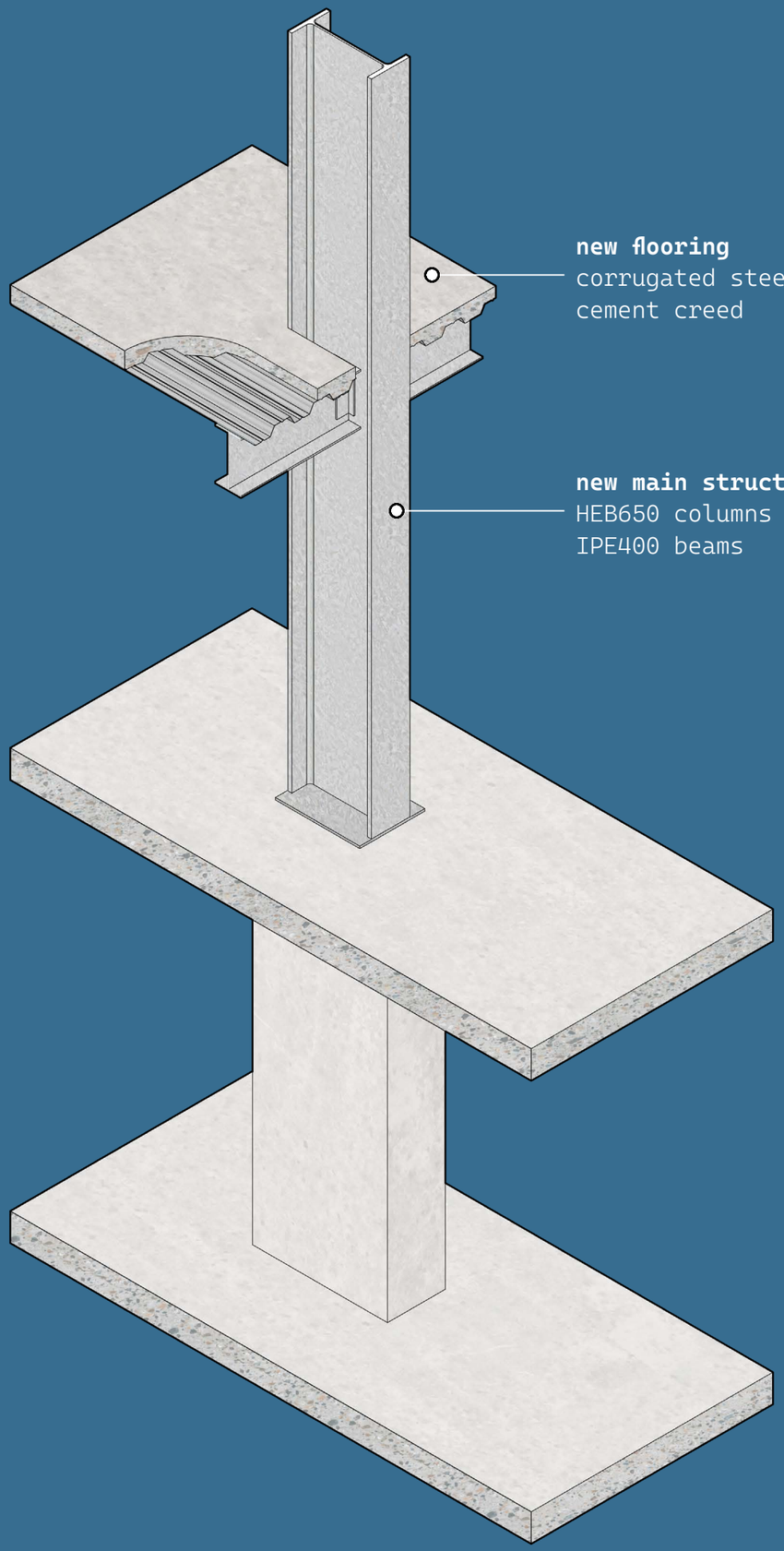
05

	educational space	3.300 m²
	lecture room	205 pp
	campus garden	600 m²

F1

new flooring
corrugated steel flooring
cement creed

new main structure
HEB650 columns
IPE400 beams



acoustic floor finishing
in studio spaces

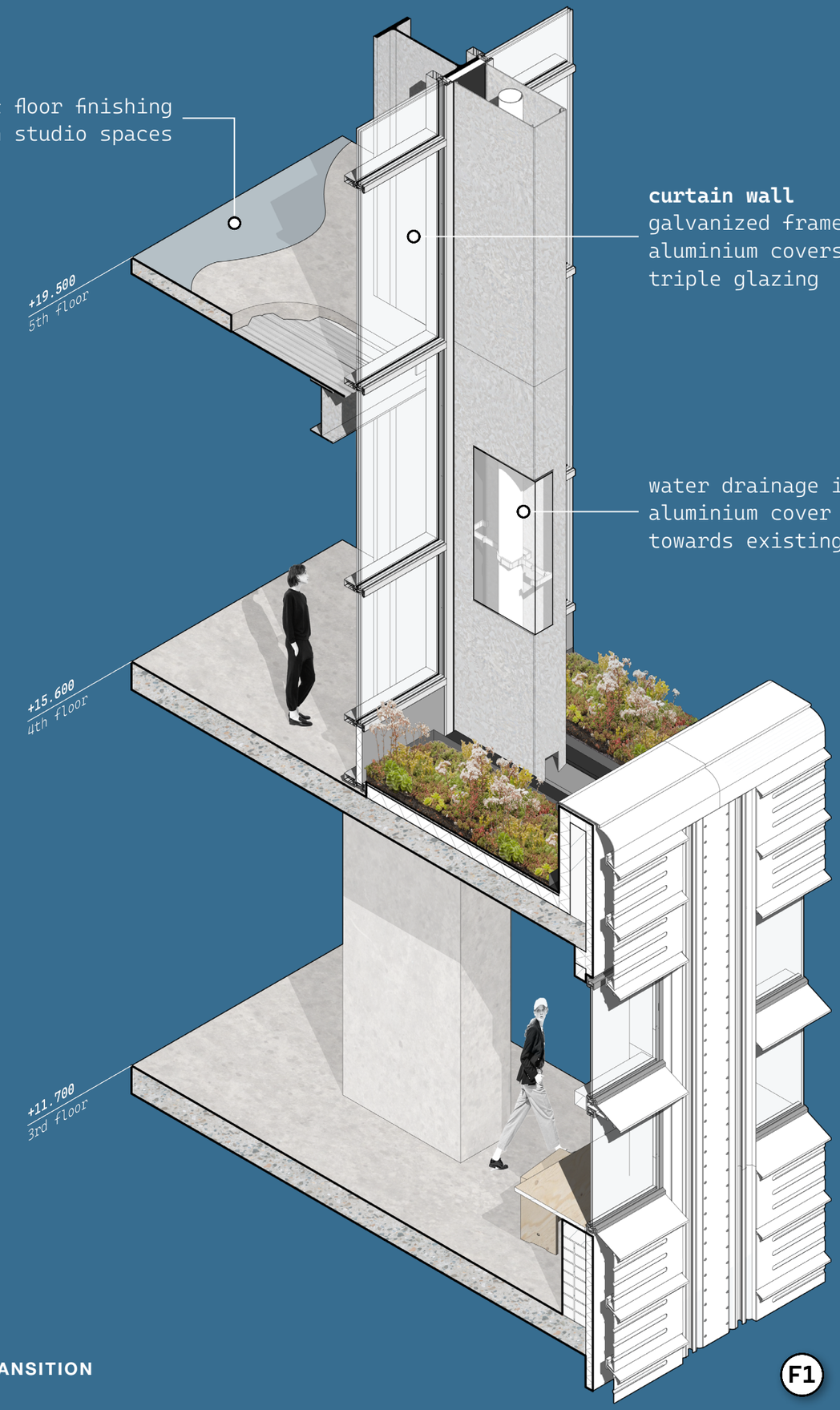
curtain wall
galvanized framework
aluminium covers
triple glazing

water drainage inside
aluminium cover
towards existing

+19.500
5th floor

+15.600
4th floor

+11.700
3rd floor



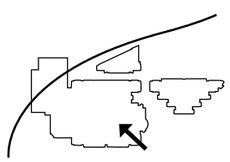
OLD & NEW TRANSITION

F1

STUDIO MEZZANINE 5TH FLOOR

05

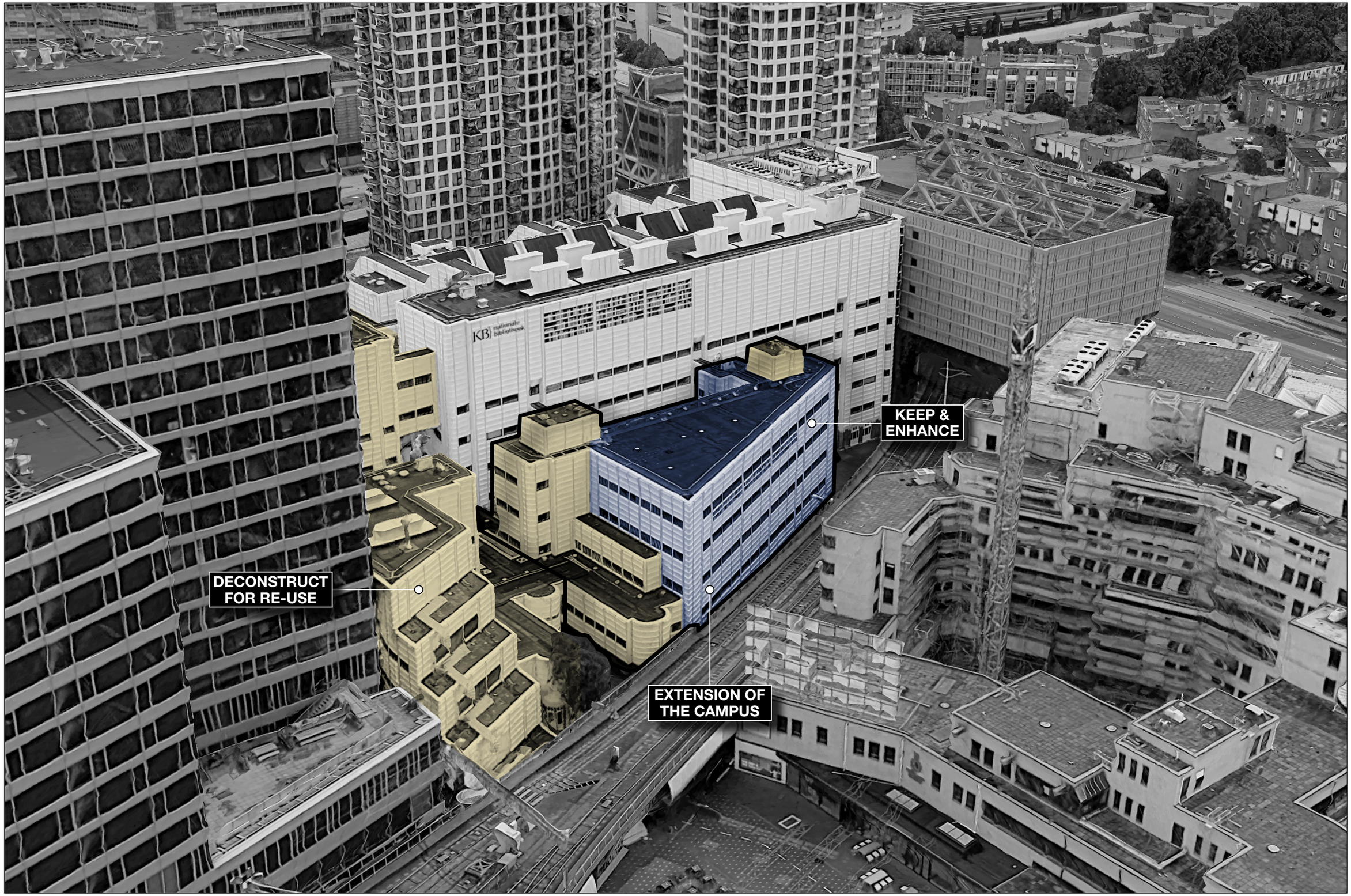




FIFTH FLOOR

05

educational space	3.300 m²
lecture room	205 pp
campus garden	600 m²



deconstruct refine reconstruct

THE WEST WING

04

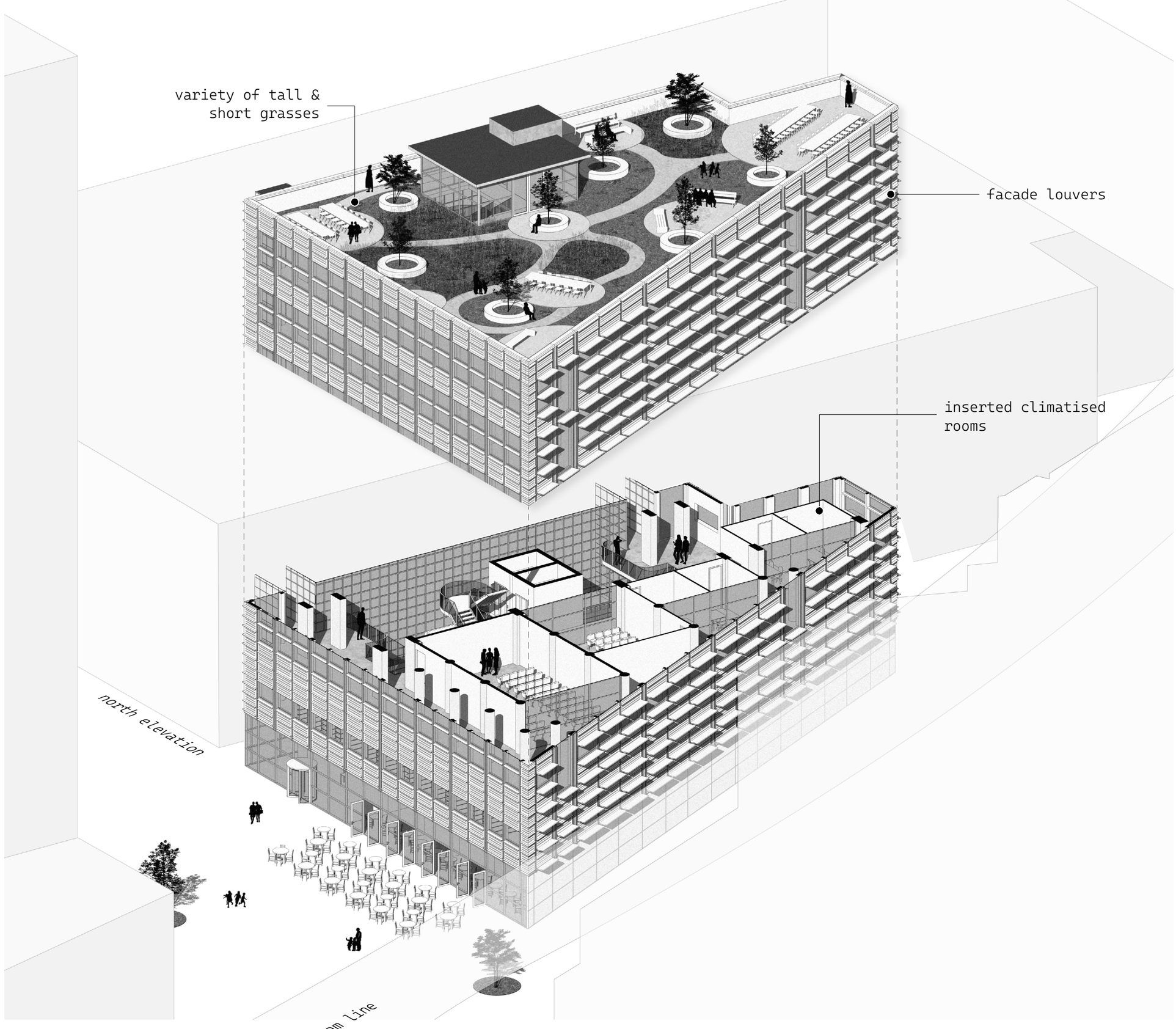
© Google Maps

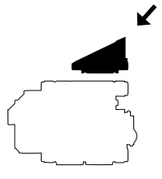


WEST WING CONCEPT

04

© Google Maps

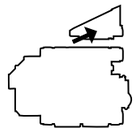




REFINED WEST WING

CAMPUS ROOF GARDEN





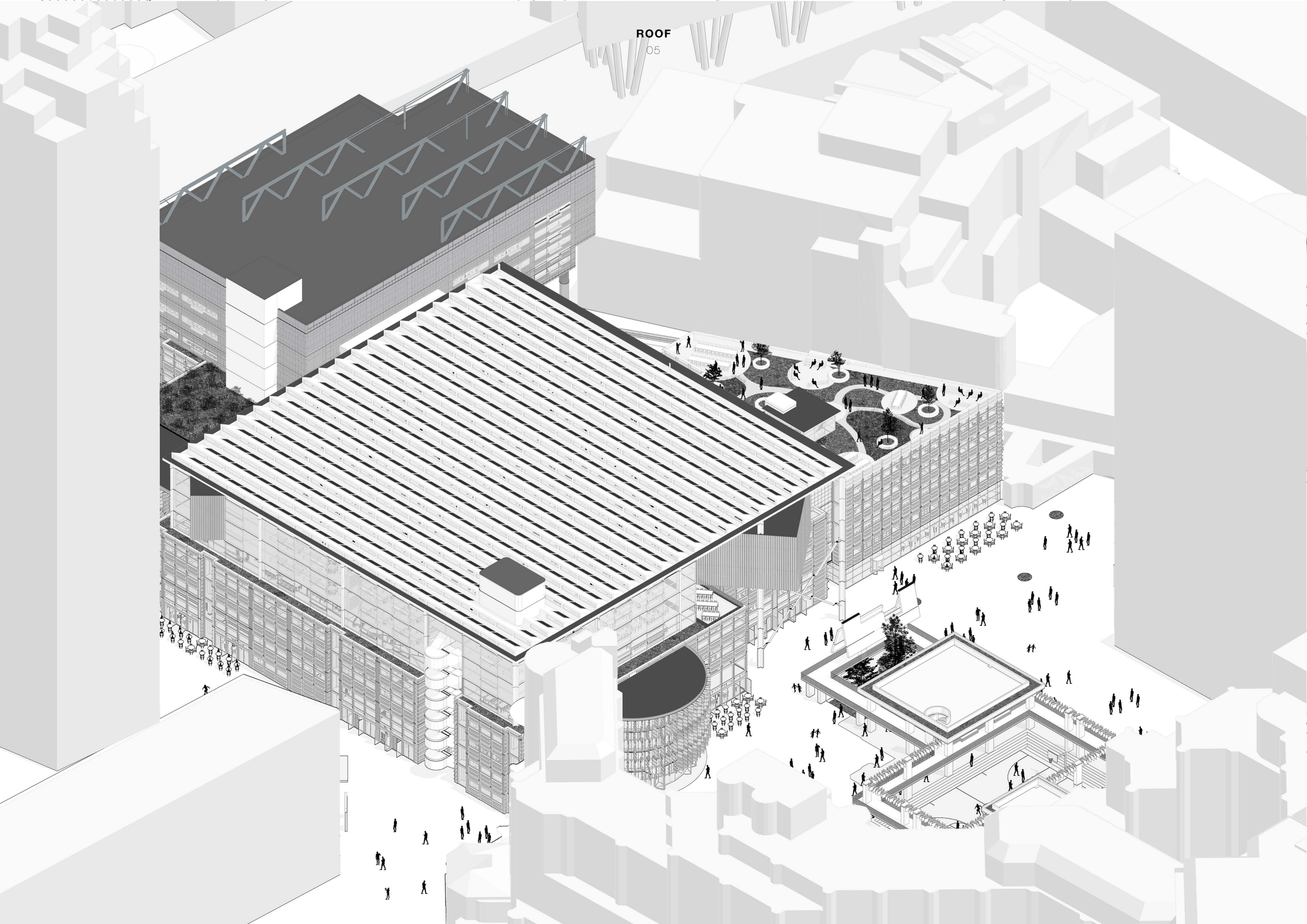
SIXTH FLOOR

05

educational space 2.010 m²

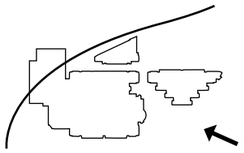
ROOF

05



NORTH SQUARE STREET LEVEL

05



research *by* *design*

THE BRIEF & SPATIAL STRATEGY 01

DETATCHMENT & VACANCY 02

THE EXISTING CAMPUS 03

DECONSTRUCTION STRATEGIES 04

HYBRIDITY & OCCUPANCY 05

CLIMATE & COMFORT 06

PROJECT POSITIONING

CAMPUS INTERPRETATION

INTERVENTION

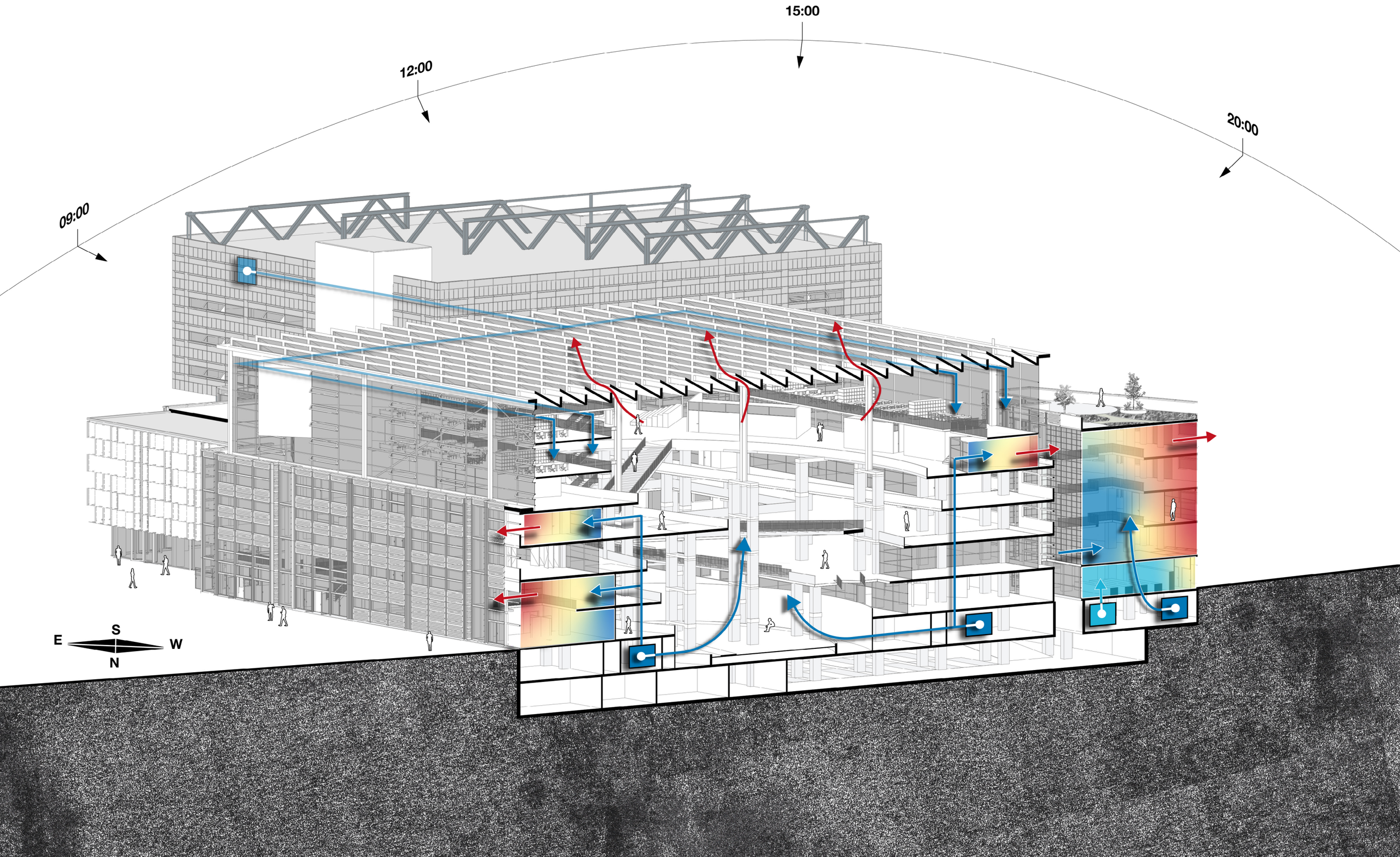
PROGRAM COMPOSITION

ATMOSPHERE

CONTENT

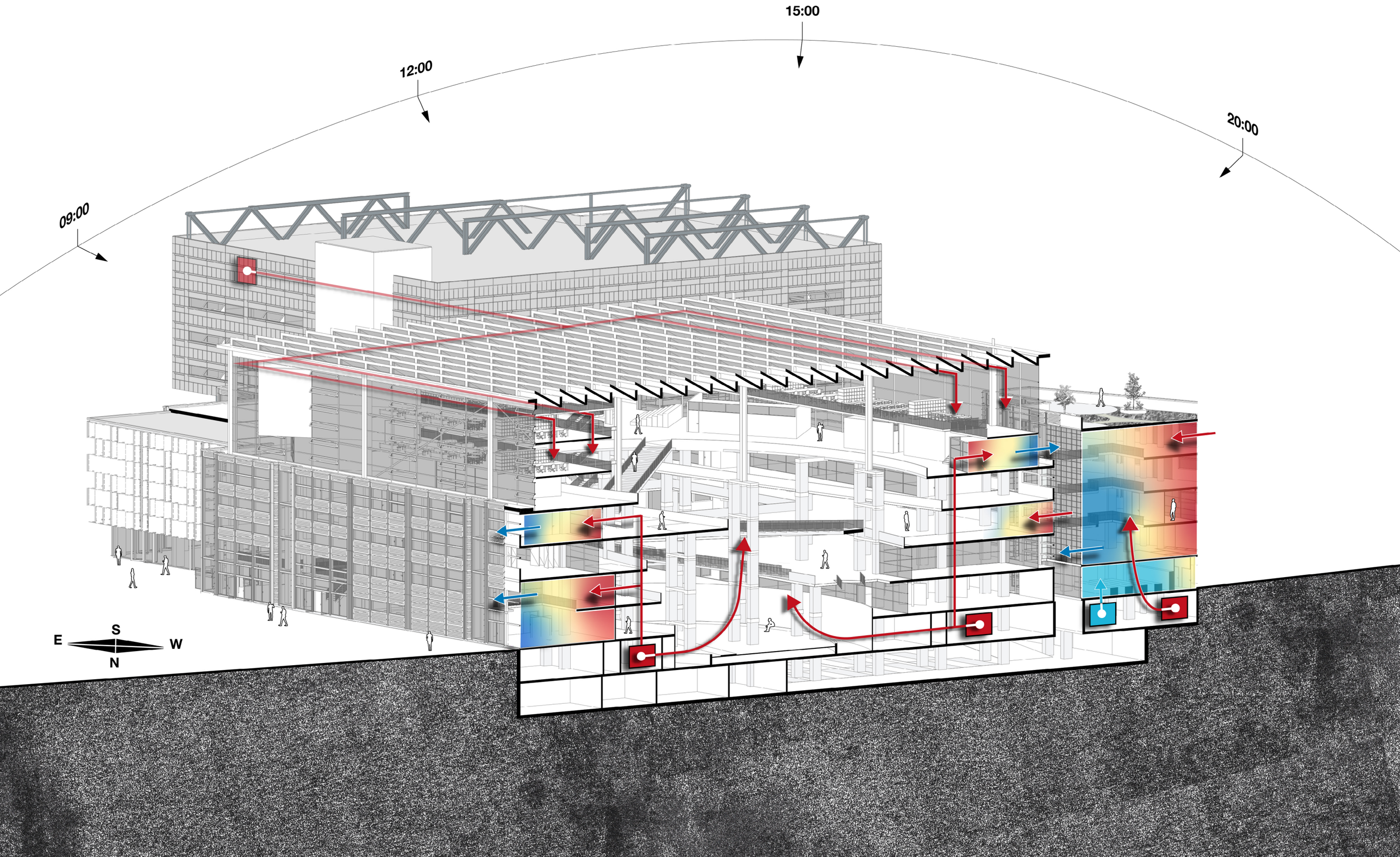
CLIMATE SUMMER

06



CLIMATE WINTER

06



How can the reconstruction of a vacant building be optimized to both address urban densification, enhance the functionality and resilience (longevity) of the built environment?

How does this reconstruction lead to new campus typologies in a dense urban environment?

RESEARCH CONCLUSION

5715458 FLOYD JANSEN

