# future primitive

a common landscape

benjamin hovav
p5
2020

*"The roar of the traffic, the passage of undifferentiated faces, this way and that way, drugs me into dreams; rubs the features from faces. People might walk through me.*

*And what is this moment of time, this particular day in which I have found myself caught?*

*...our short progress has been cancelled."*

**- Virginia Woolf. 1931. The Waves**

urbanization through globalization

**urban sprawl**

density

**social inequality**

diversity

*in todays cities, urbanization has created a fragmented, unresponsive and socially divisive landscape for the people who live in them*

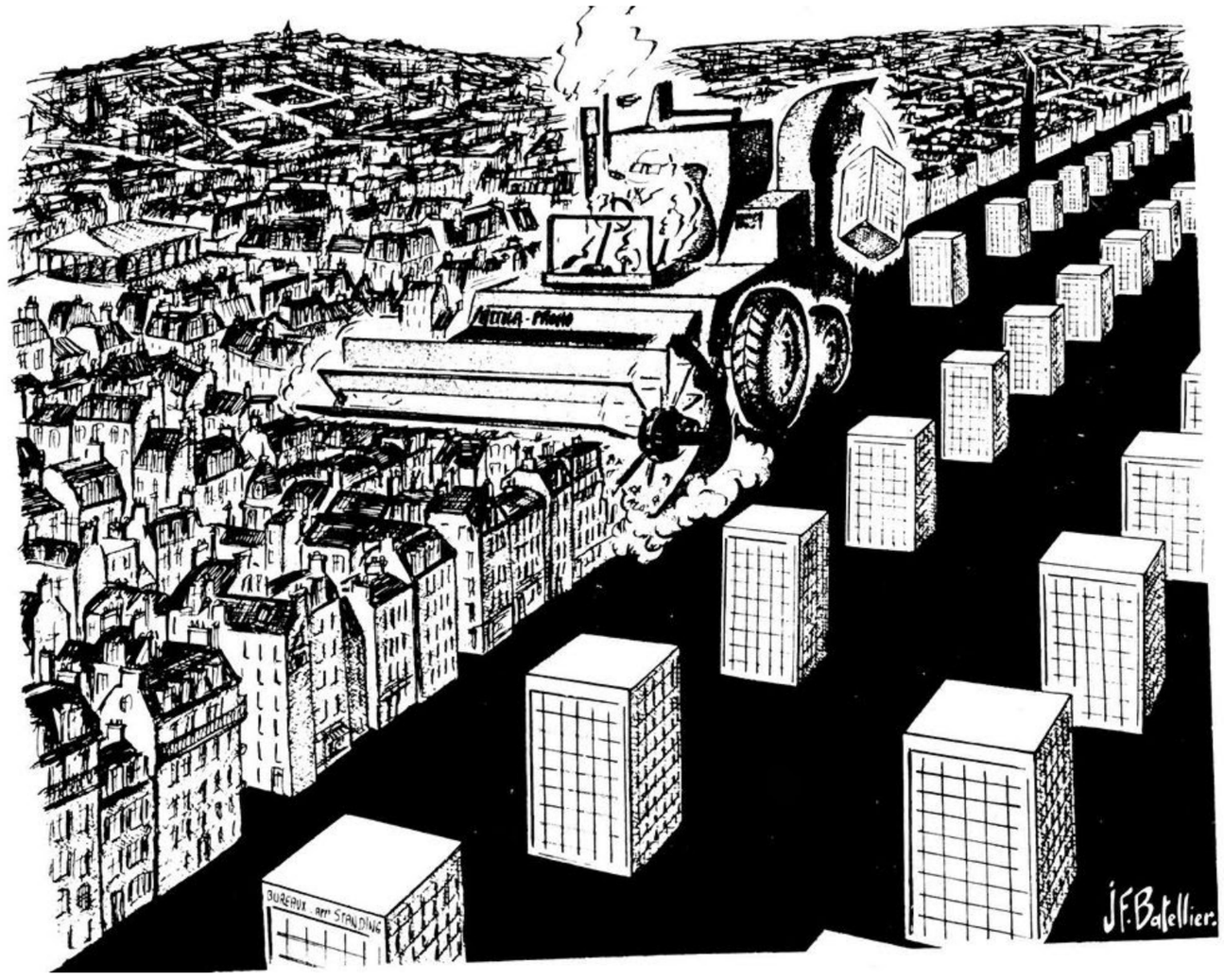
**the issue with creating vertical ecology**

photograph **michael wolf**

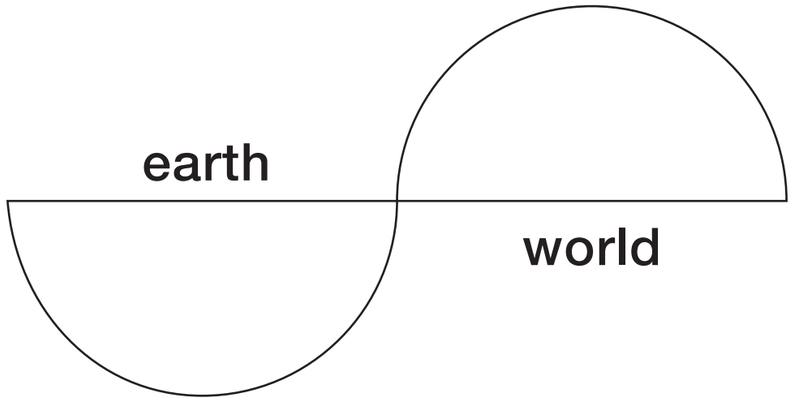
an inability to articulate the **everyday** perspective**,**

the **political** character of public space

and establish resilient forms of **citizenship**




Sans Retour, ni consigne. **J.F Batellier. 1981**




a condition in which we see ourselves detached from each other in the reflection of our natural environment

Rainier Cherries
Sweet & Premium
大和農園育成
綺王
JA香川県

anthropocene | post - anthropocene

in the anthropocentric context, such as which we find ourselves, the vitality of social and enviornmental justice places an emphasis on human responsibility.

**Future:** a task of progressive construction through constant collective self-reflection.

**Primitive:** a natural condition, of origin, of reflection and the future prospective of our place in nature.

*"The reality of the public realm relies on the simultaneous presence of innumerable perspectives and aspects in which the common world presents itself"*

**- Hannah Arendt**

*"man's most consistent and on the whole, his most successful attempt to remake the world he lives in more after his heart's desire.*

*But, if the city is the world which man created, it is the world in which he is henceforth condemned to live. Thus, indirectly, and without any clear sense of the nature of his task, in making the city man has remade himself."*

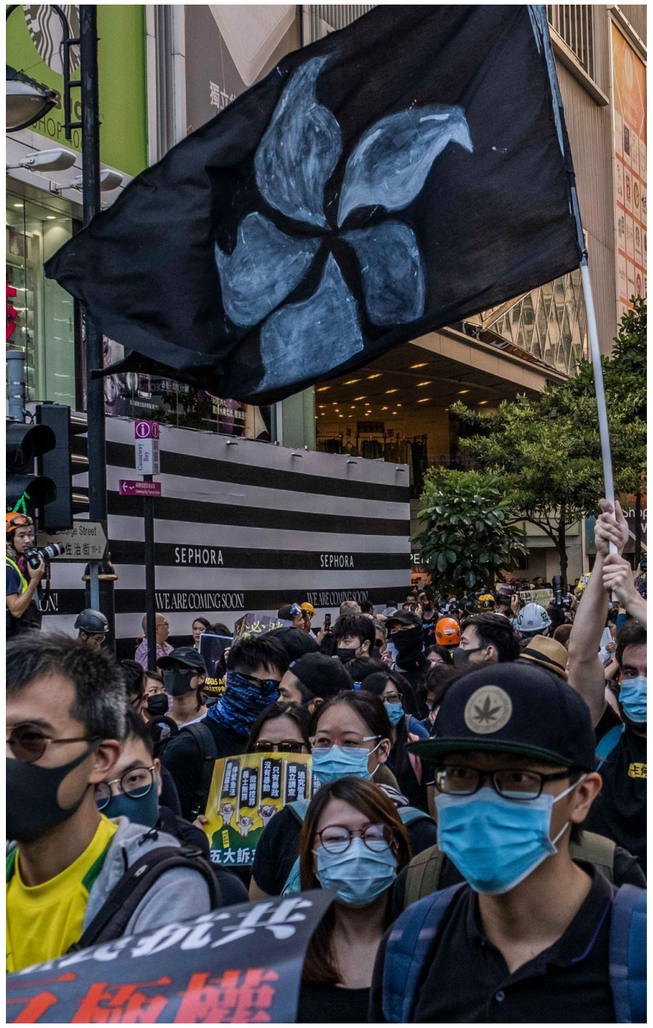
**- Richard Park**

human condition | human project

common space

zucotti park **ows**

chilean protest 2019-2020




hong-kong protests 2019-2020

COLLECTIVE MEMORY

SPACE | TIME

MODERNISM

POST-MODERNISM

COMMON

FUTURE FORM

CONDITION

TASK

AESTHETICS

POLITICAL
CITIZENSHIP

POSSIBILE

SOMETHING ELSE

*TENSION PARALLEL*
*ETHICAL PRACTICE*

TERRITORY

WORLD

EARTH

SYSTEMS

PARADOX

COMPLEXITY

COLLECTIVE PERFORMANCE

*to show an inherent paradox in the way we deal with the relationship between* ***space*** *and* ***time*** *in our cities through* ***aesthetics*** *and* ***territory***

*how this is proliferated in the articulation of* ***diversity*** *and* ***density*** *in our cities ultimately constraining the possibilities for our future*

**How can the city be a common future?**

- How can verticality inform common space in the future form of cities?

- How the specific conditions of the city express the everyday and common space?

**establishing the city as a common future.**

**1.** *That the contemporary problems of the city exist as a reflection of the tension between our world and the Earth.*

**2.** *That the fluidity of the everyday life, one empowered by relationships between people, is the essence of understanding our narrative in space and time.*

**3.** *That in between our collective condition and our collective task in creating the city exists the possibilities of our future.*

project . a common landscape

a prototype for developing common space through the vertical densification of existing urban city blocks

**establishing the city as a common future.**

1. *That the contemporary problems of the city exist as a reflection of the tension between our world and the Earth.*

2. *That the fluidity of the everyday life, one empowered by relationships between people, is the essence of understanding our narrative in space and time.*

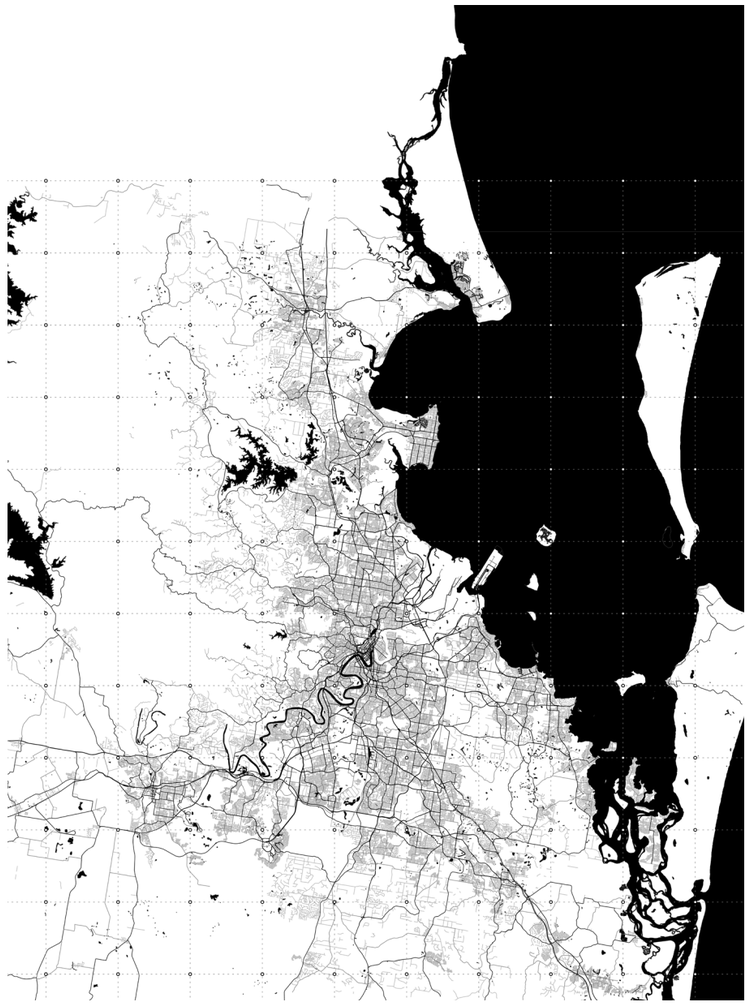
3. *That in between our collective condition and our collective task in creating the city exists the possibilities of our future.*

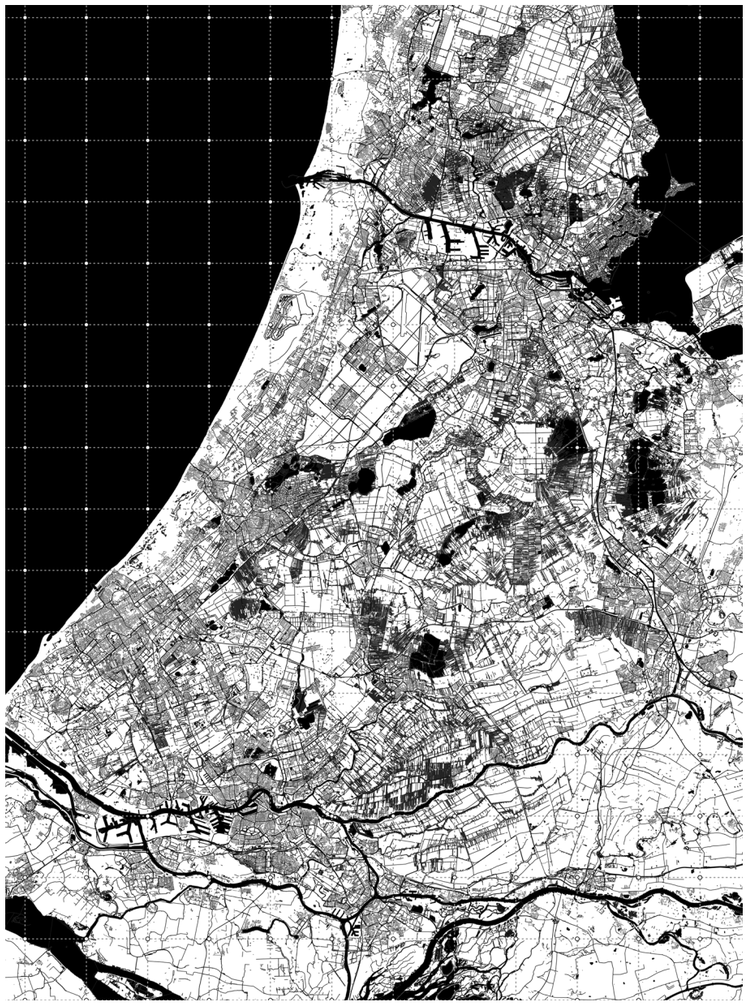
# context

**BRISBANE CITY . QLD**
albert st . ann st . edward st . adelaide st

*mianjin .* turrbal

-27.468325, 153.024406





10km²

## brisbane greater

land Area **. 15,842 km2**

population **. 2,462,637**

density **. 155/km2**

## ranstad

land Area **. 8,287 km2**

population **. 8,219,380**

density **. 1,500/km2**

## new york greater

land Area **. 1,213.37 km2**

population **. 8,175,133**

density **. 10,715/km2**

site

mass transit

highway . trunk . secondary roadways

500m

inner cores

sorrounding cores

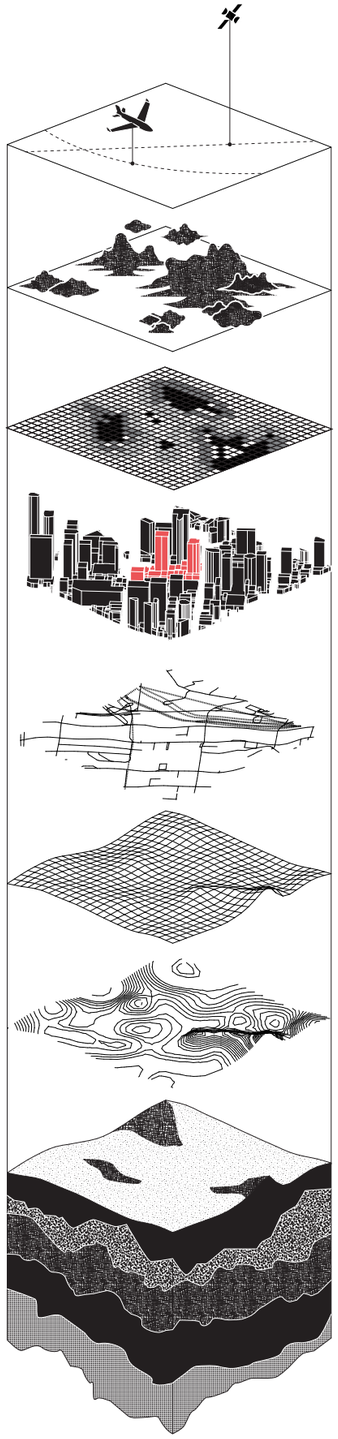
500m

axial relations

urban fields

500m

500m



INFRASTRUCTURE

CLOUDSCAPE

METEOROLOGICAL

CITYSCAPE

NETWORKS

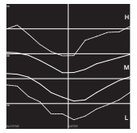
ELEVATION

TOPOGRAPHY

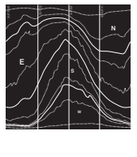
EARTH

SUN ANGLE
annual °
brisbane 27.38°S

RAINFALL
annual precipitation



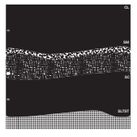

TEMPERATURE
annual °C




PREVAILING WINDS
annual

PSYCHOMETRICS
subtropical

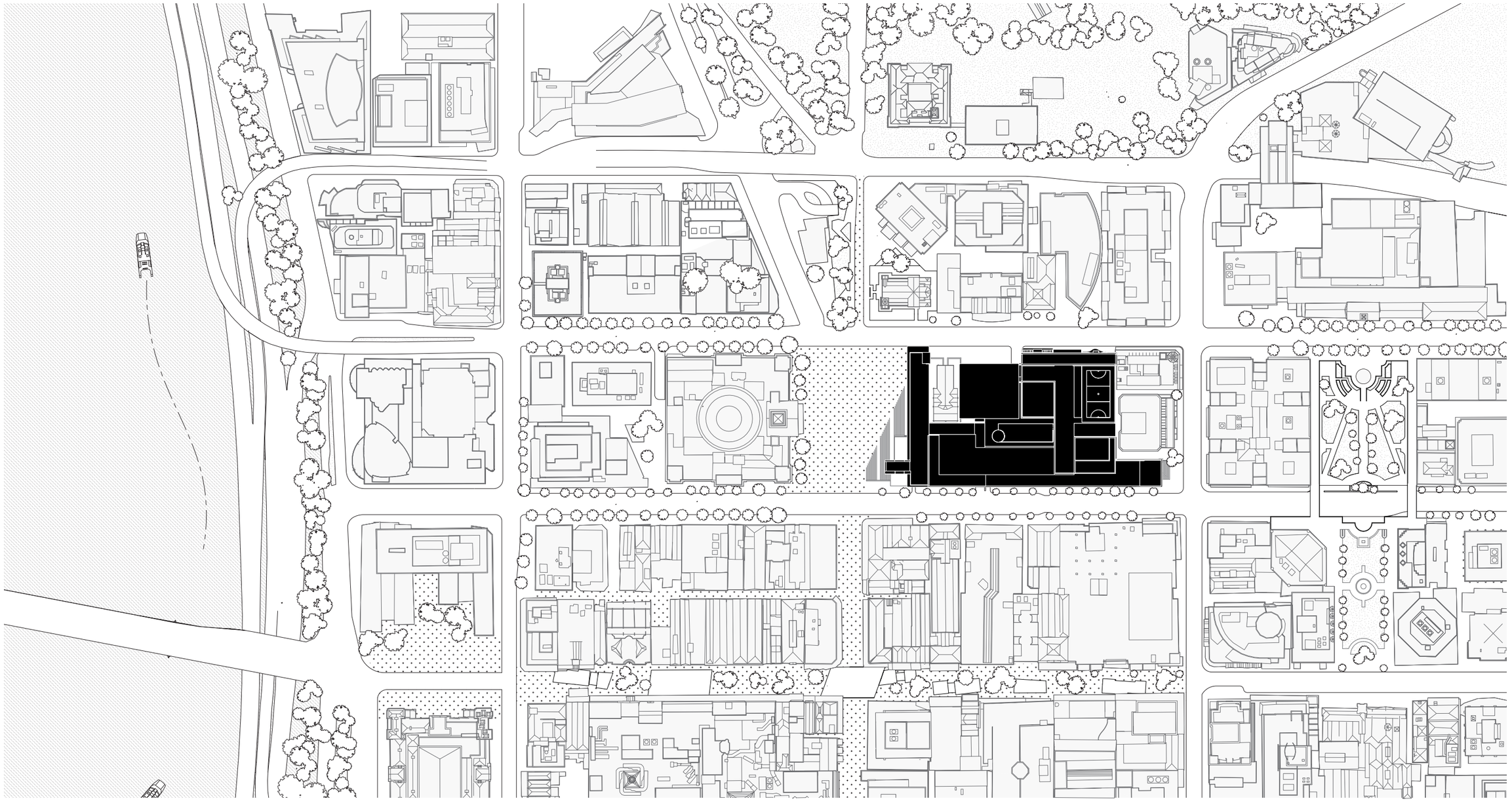
FLOOD MAP
risk % annual
0.05 very low
0.2 low
1.0 medium
5.0 high



SOIL LITHOGRAPY
depth in m
CL clay
SM silty clay
SC clayey sand
SLTST siltstone

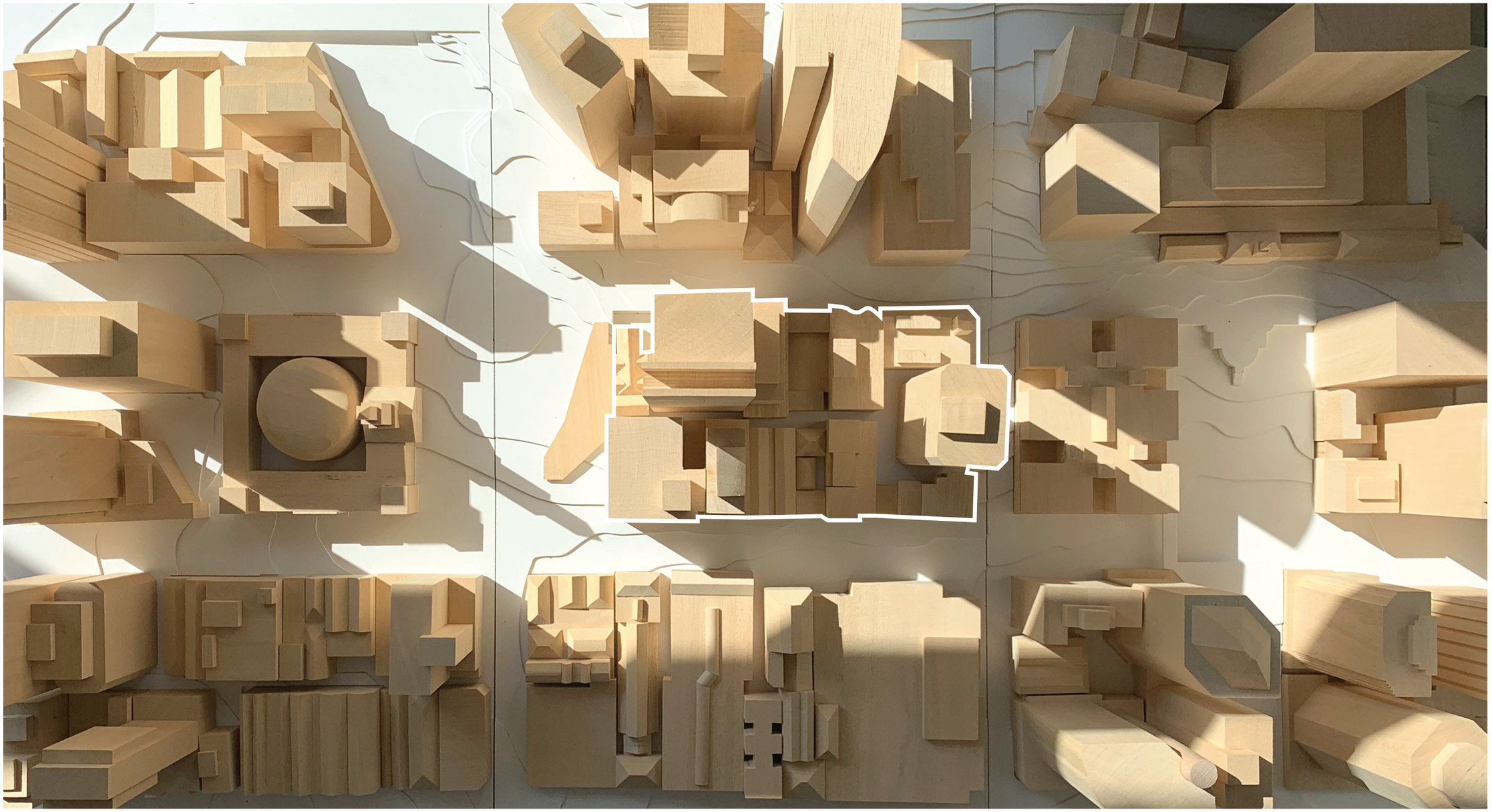
PARENT ROCK
DCp bunya phyllite
Qhe holocene alluvium
IM brisbane tuff

**composite landscape**
exploded axonometric

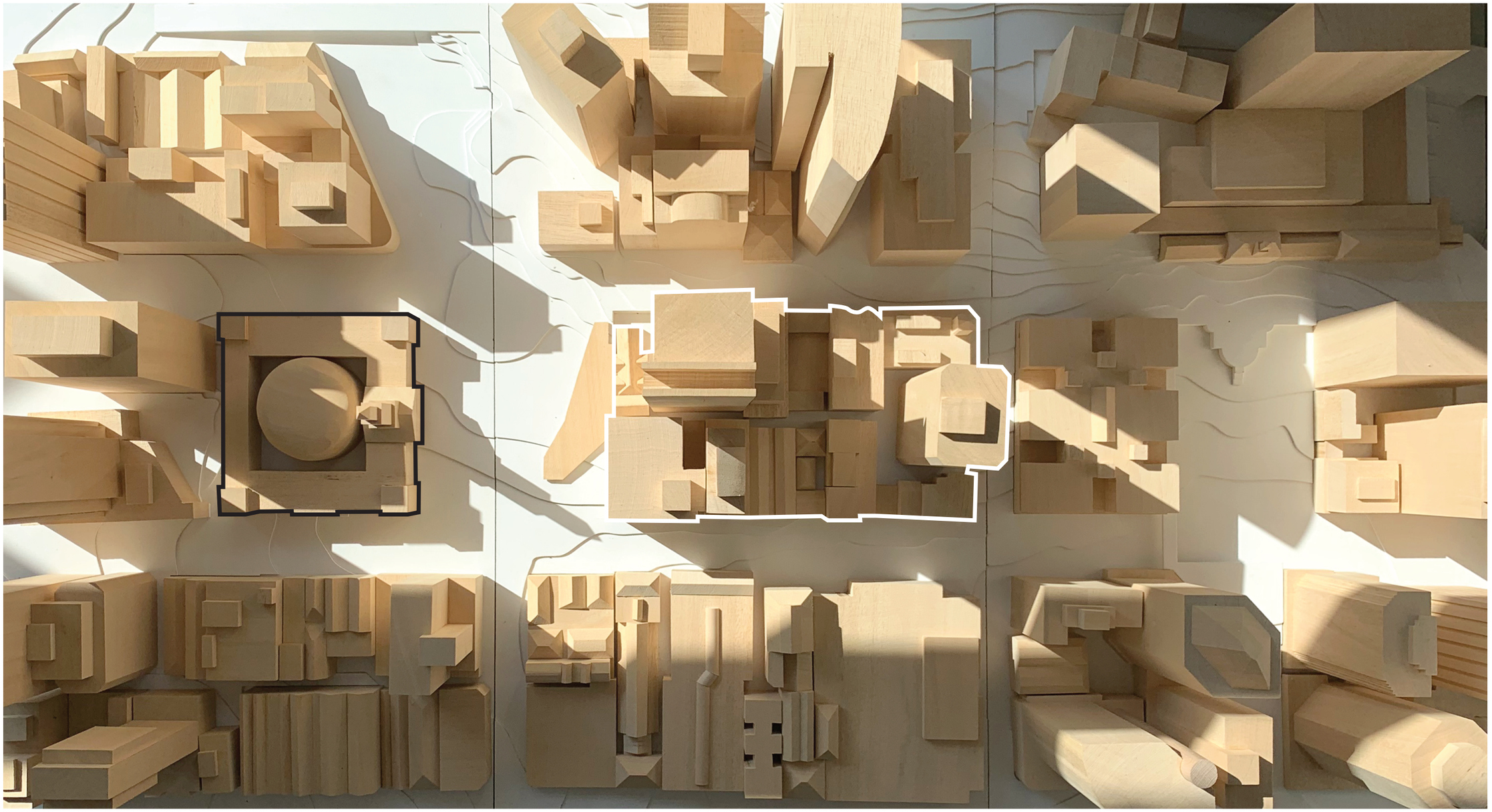


**site plan**

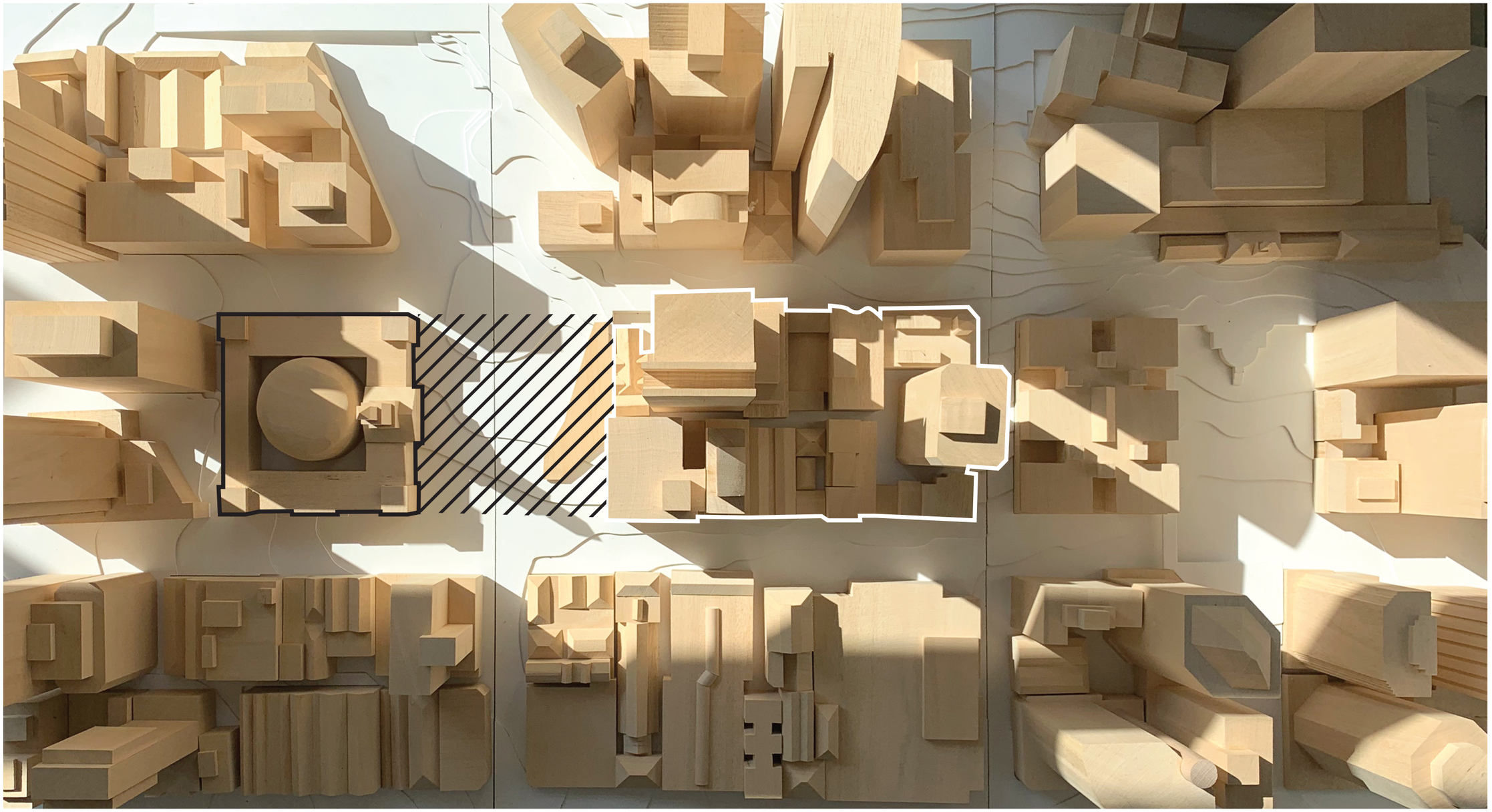
1:2000 @ A0



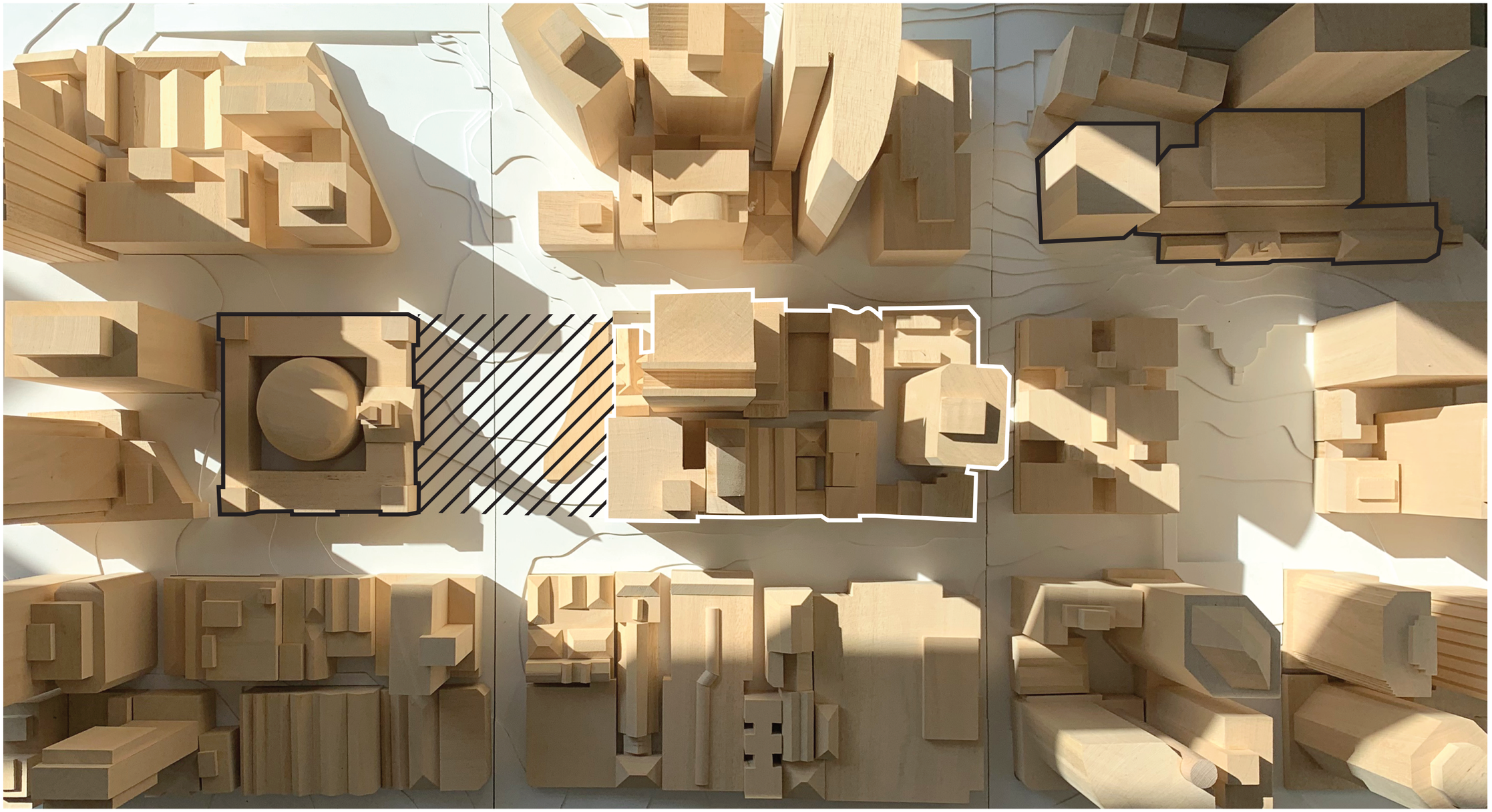
**city block**
existing condition



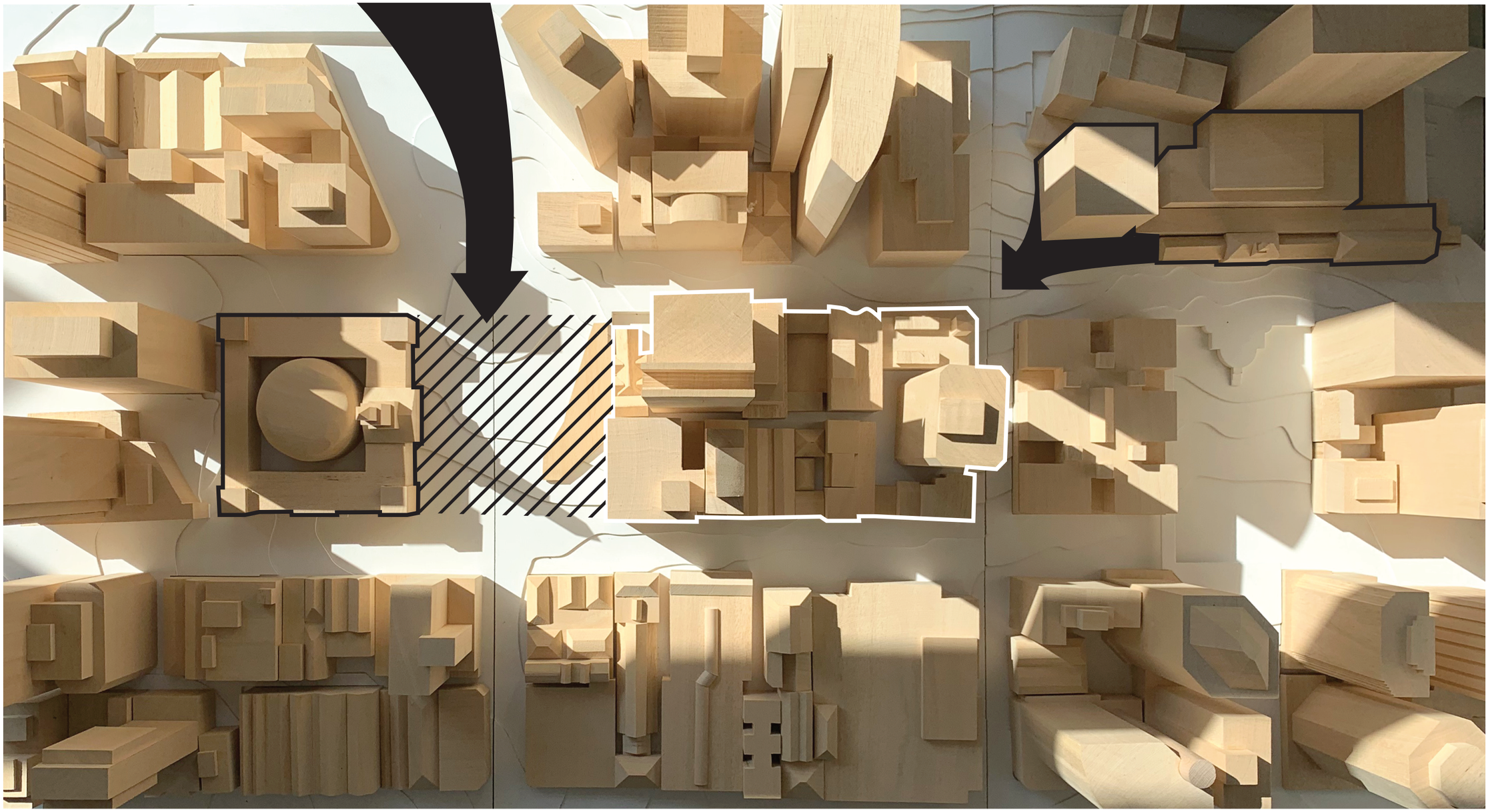
**city hall**
existing condition



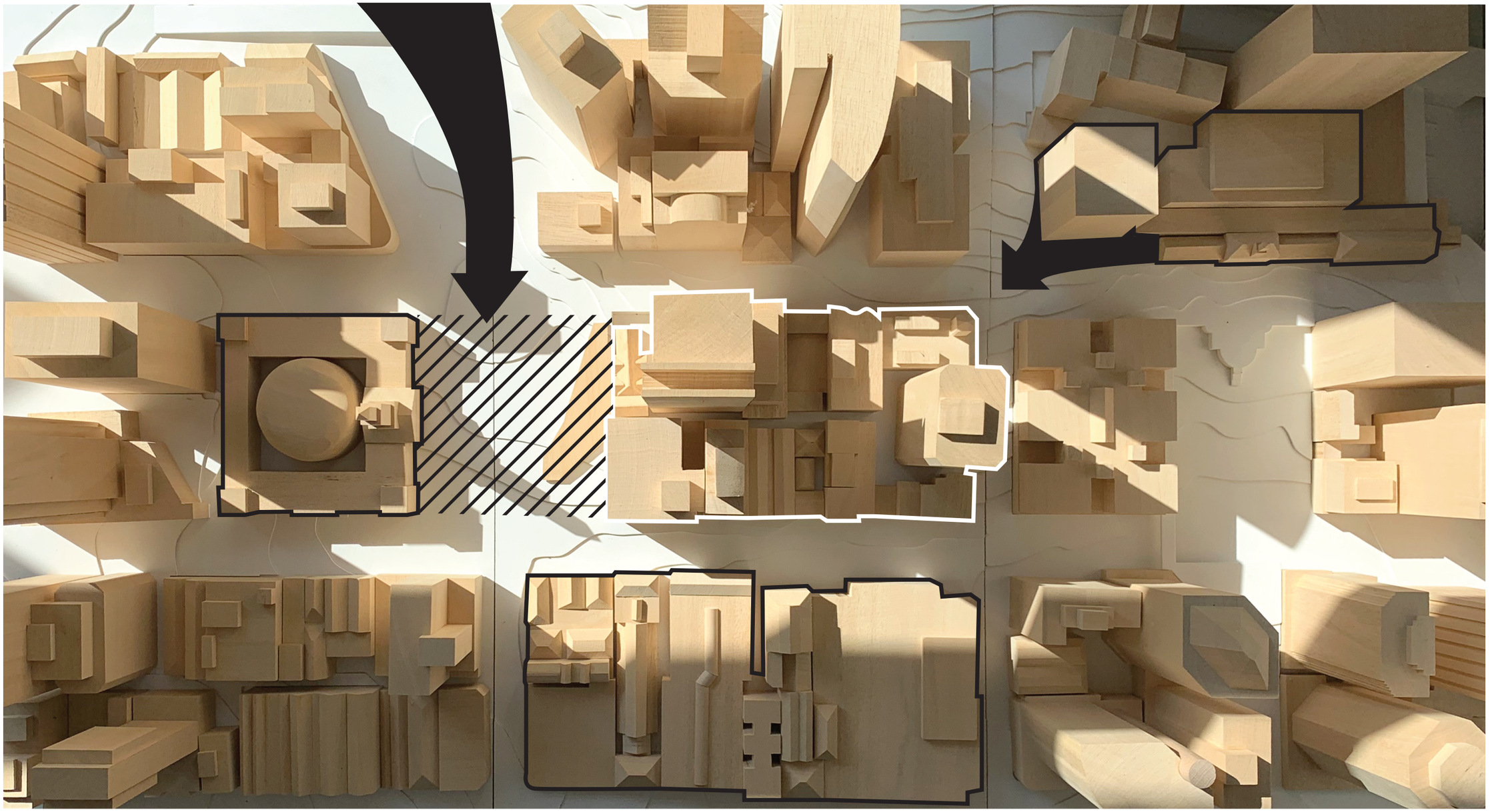
**king george square . public space**
existing condition



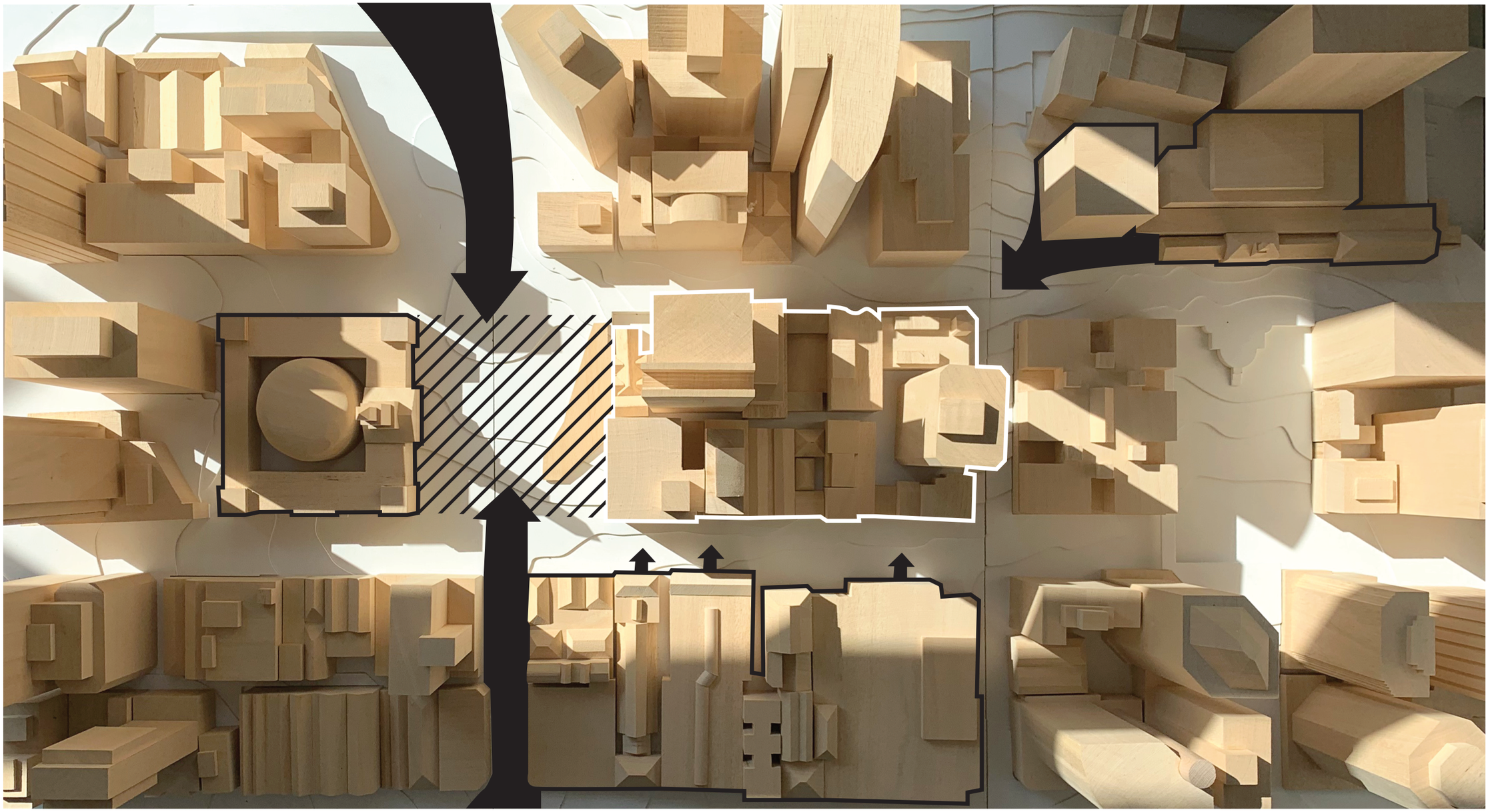
**central station . mass transit**
existing condition



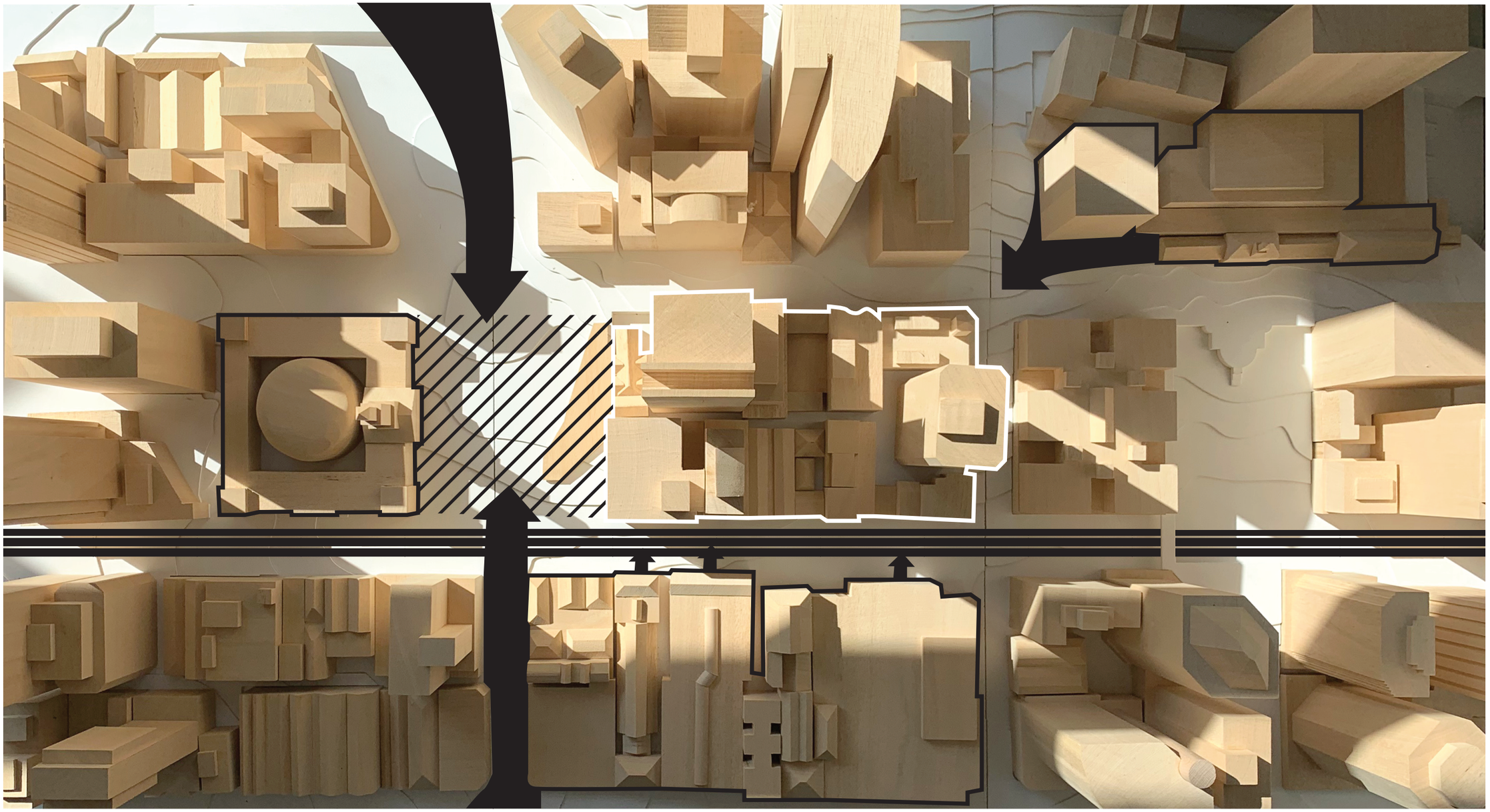
**transport flow**
existing condition



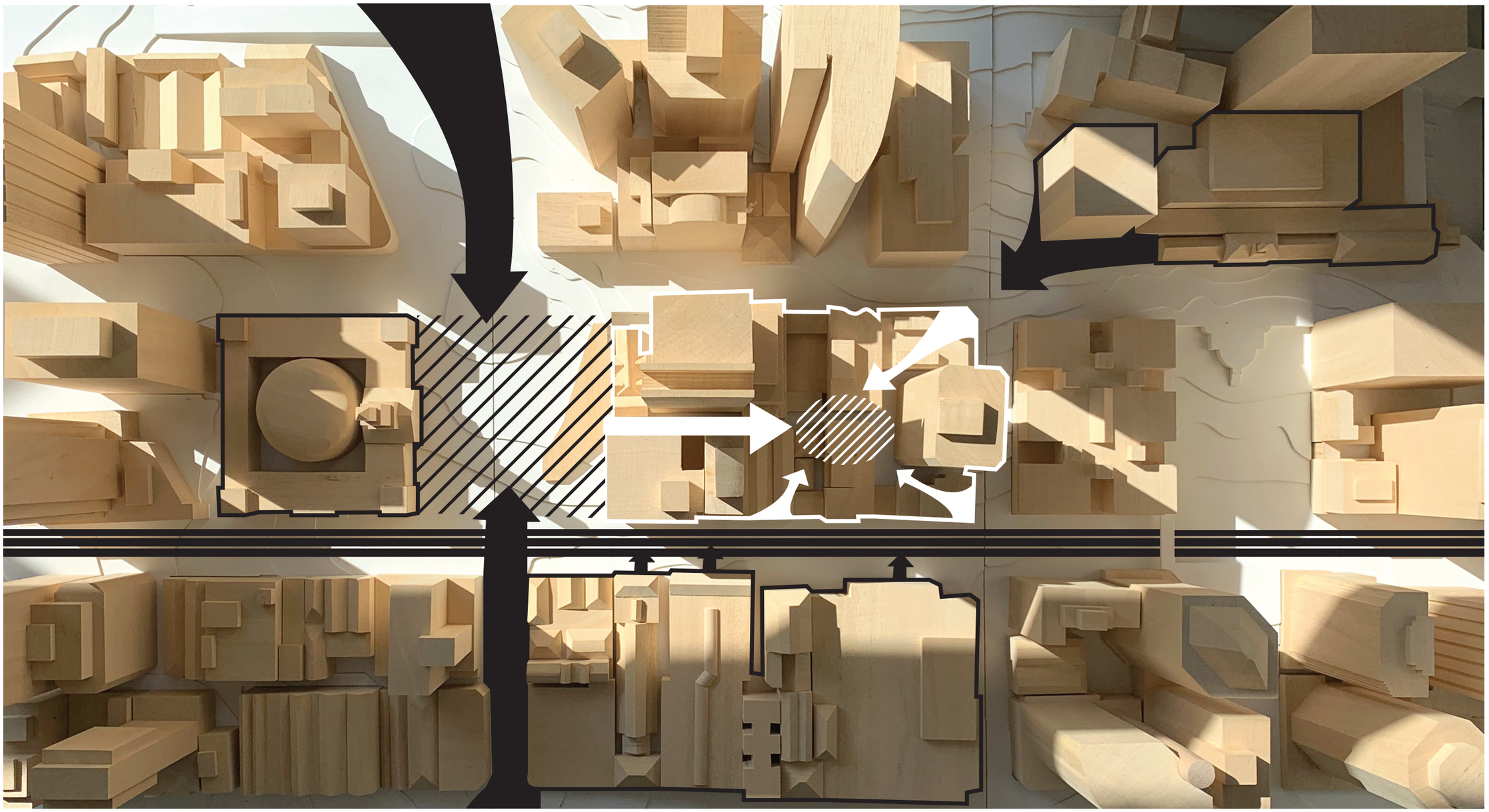
**queen street mall . retail strip**
existing condition



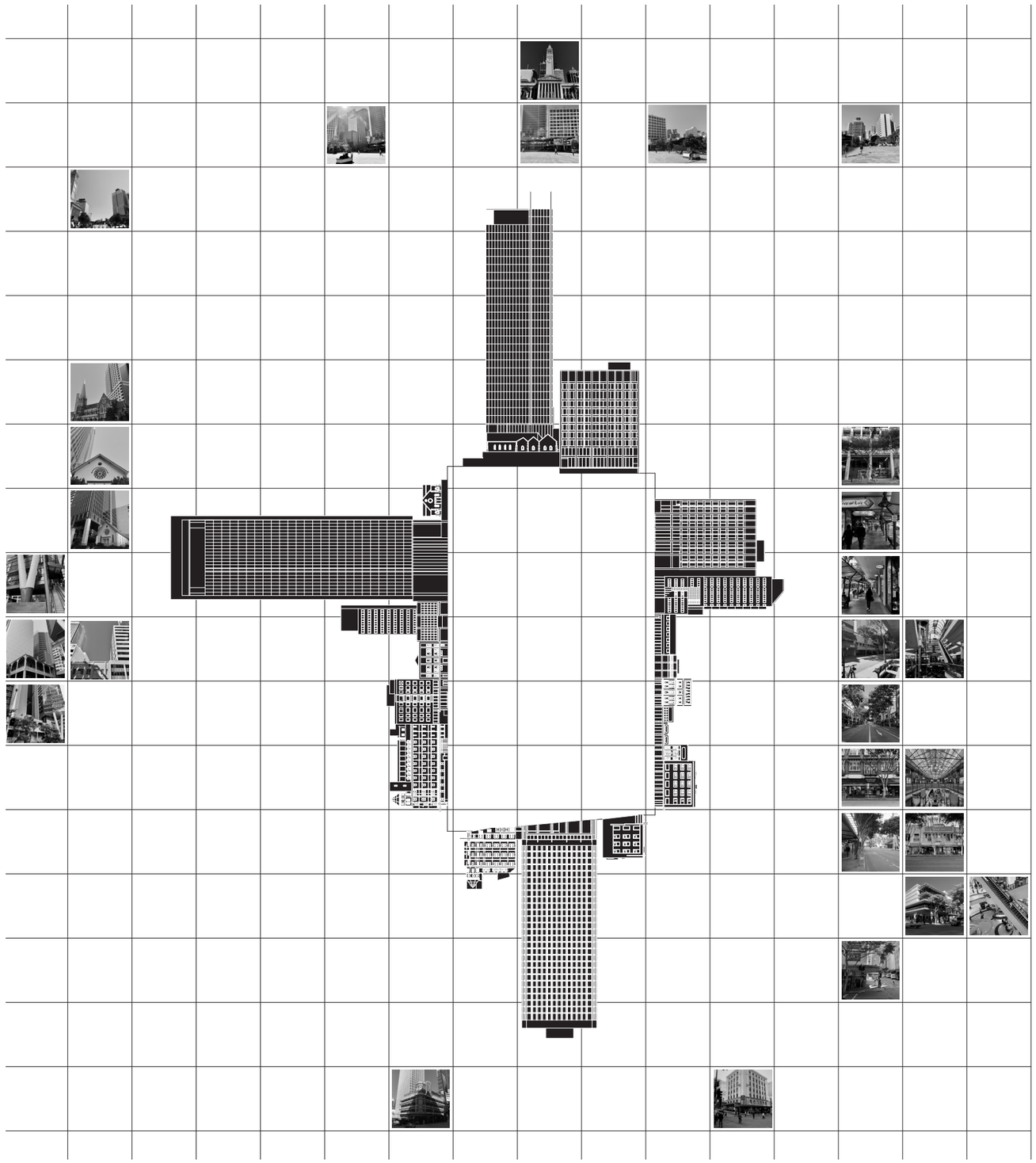
**pedestrian movement**
existing condition



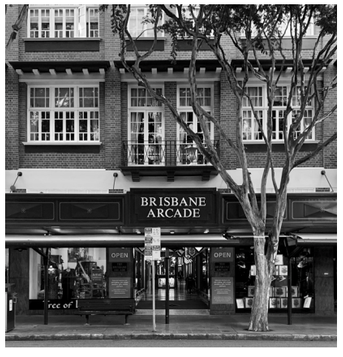
**adelaide street station . bus transit**
existing condition

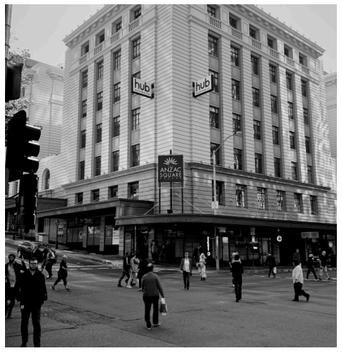


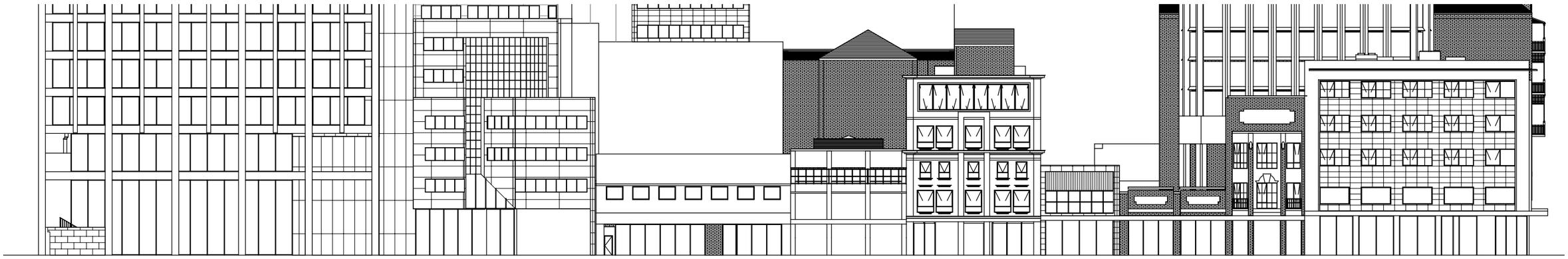
**pulling into the block**
existing condition



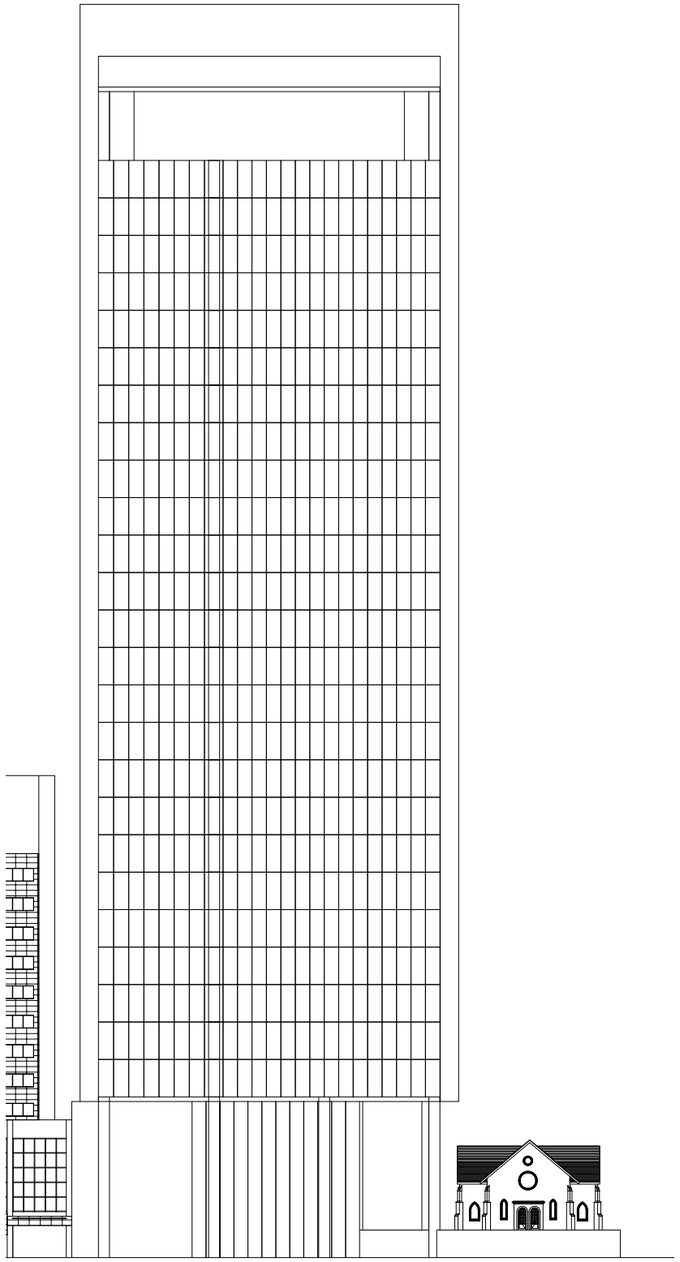
**looking within**
existing condition



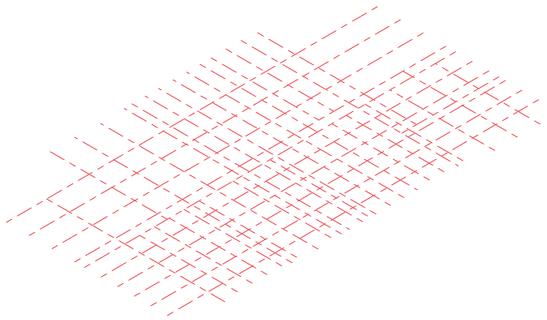


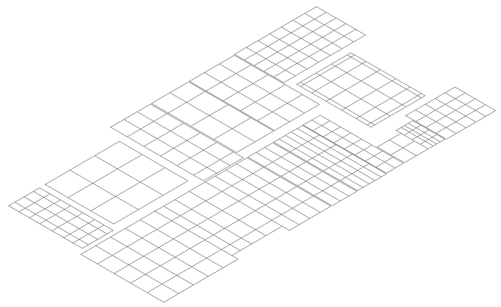
adelaide street elevation



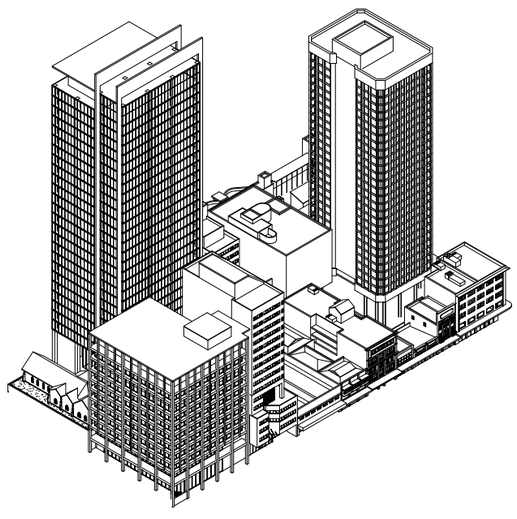
ann street elevation



proposed grid



extracted grids



existing site

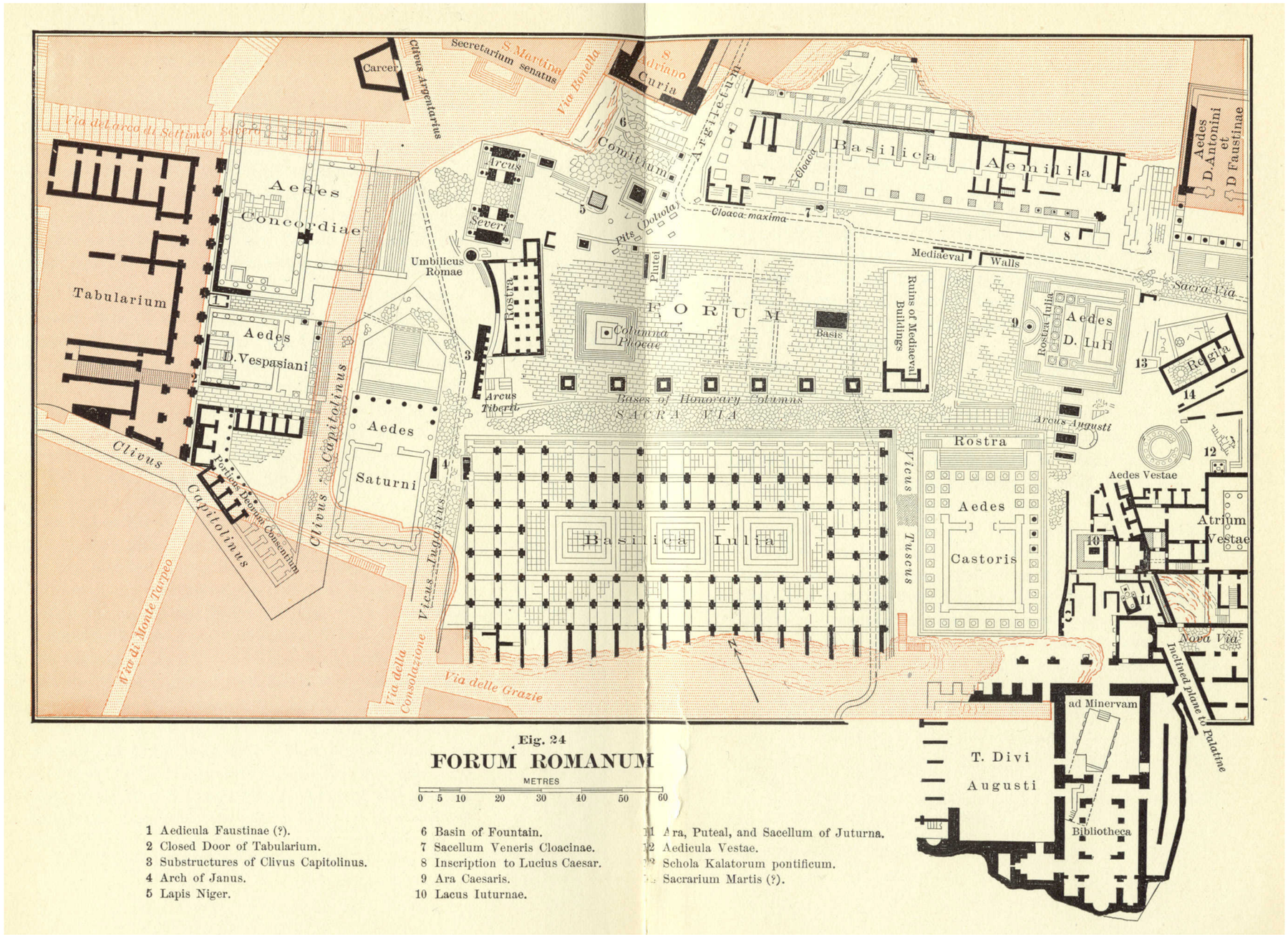



Fig. 24

## FORUM ROMANUM

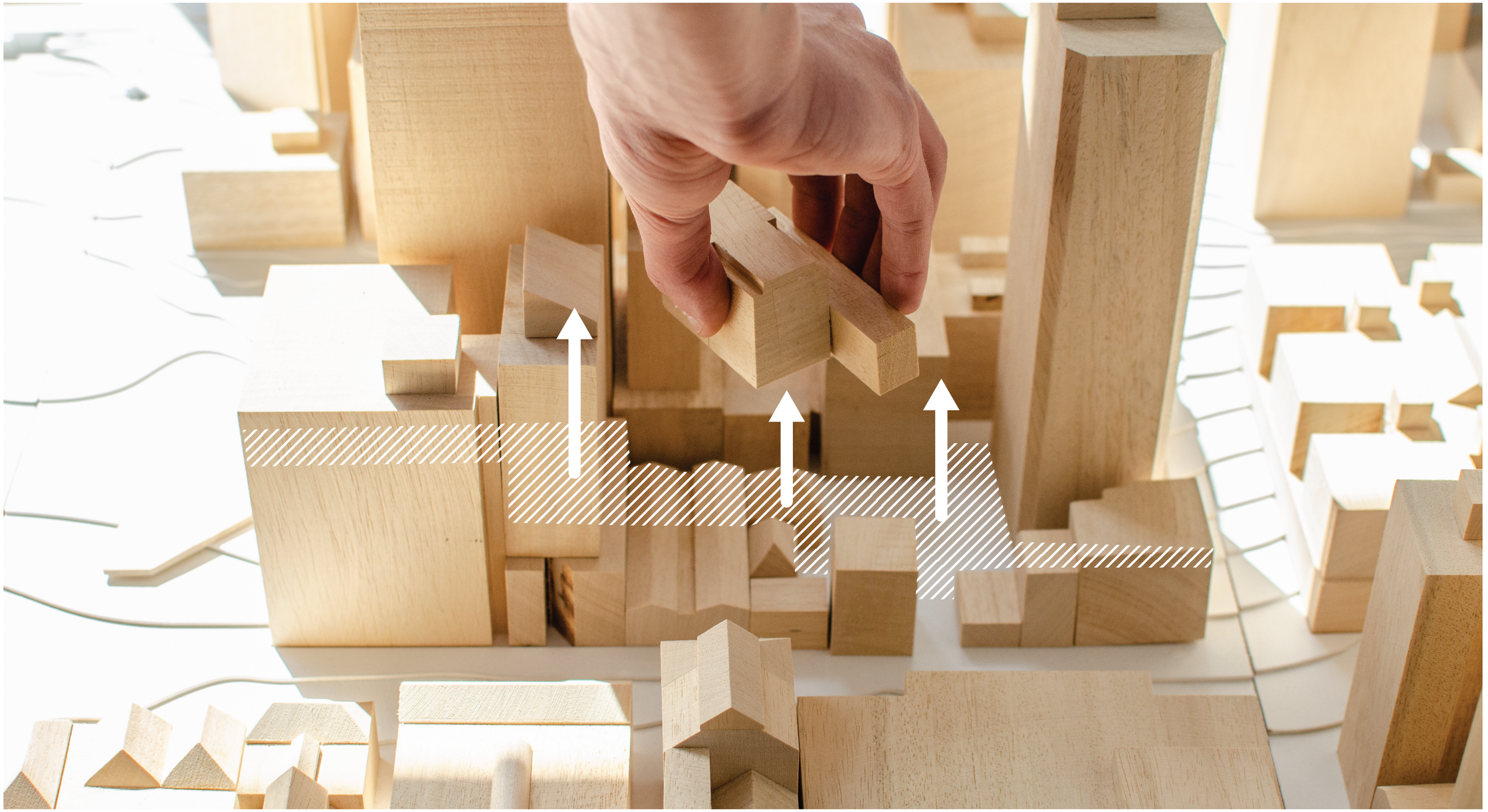
METRES

0 5 10 20 30 40 50 60

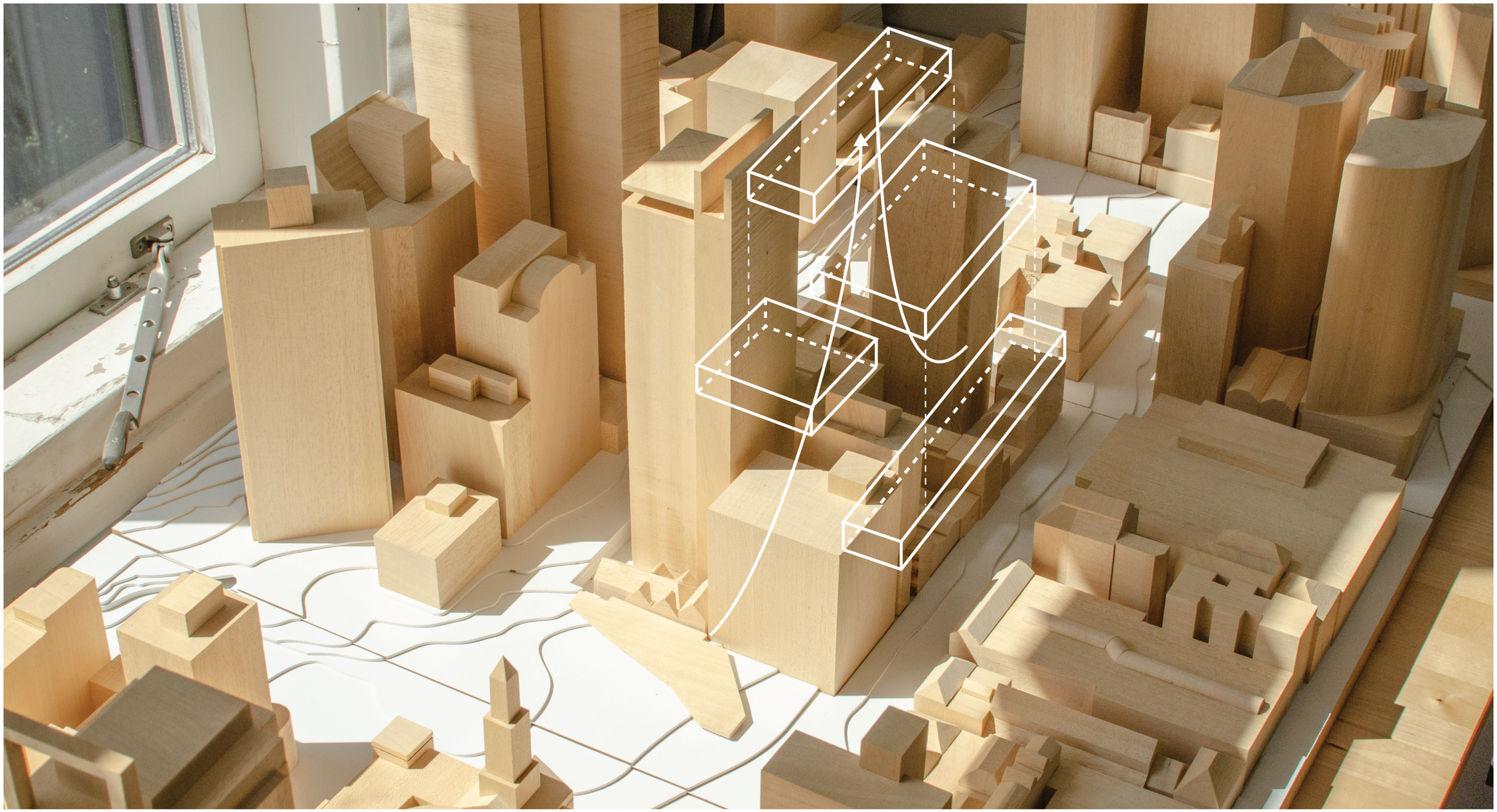
1 Aedicula Faustinae (?).
2 Closed Door of Tabularium.
3 Substructures of Clivus Capitolinus.
4 Arch of Janus.
5 Lapis Niger.
6 Basin of Fountain.
7 Sacellum Veneris Cloacinae.
8 Inscription to Lucius Caesar.
9 Ara Caesaris.
10 Lacus Iuturnae.
11 Ara, Puteal, and Sacellum of Juturna.
12 Aedicula Vestae.
13 Schola Kalatorum pontificum.
14 Sacrarium Martis (?).

Forum Romanum (Imperial Era) . The Topography and Monuments of Ancient Rome **Allyn and Bacon, 1904**

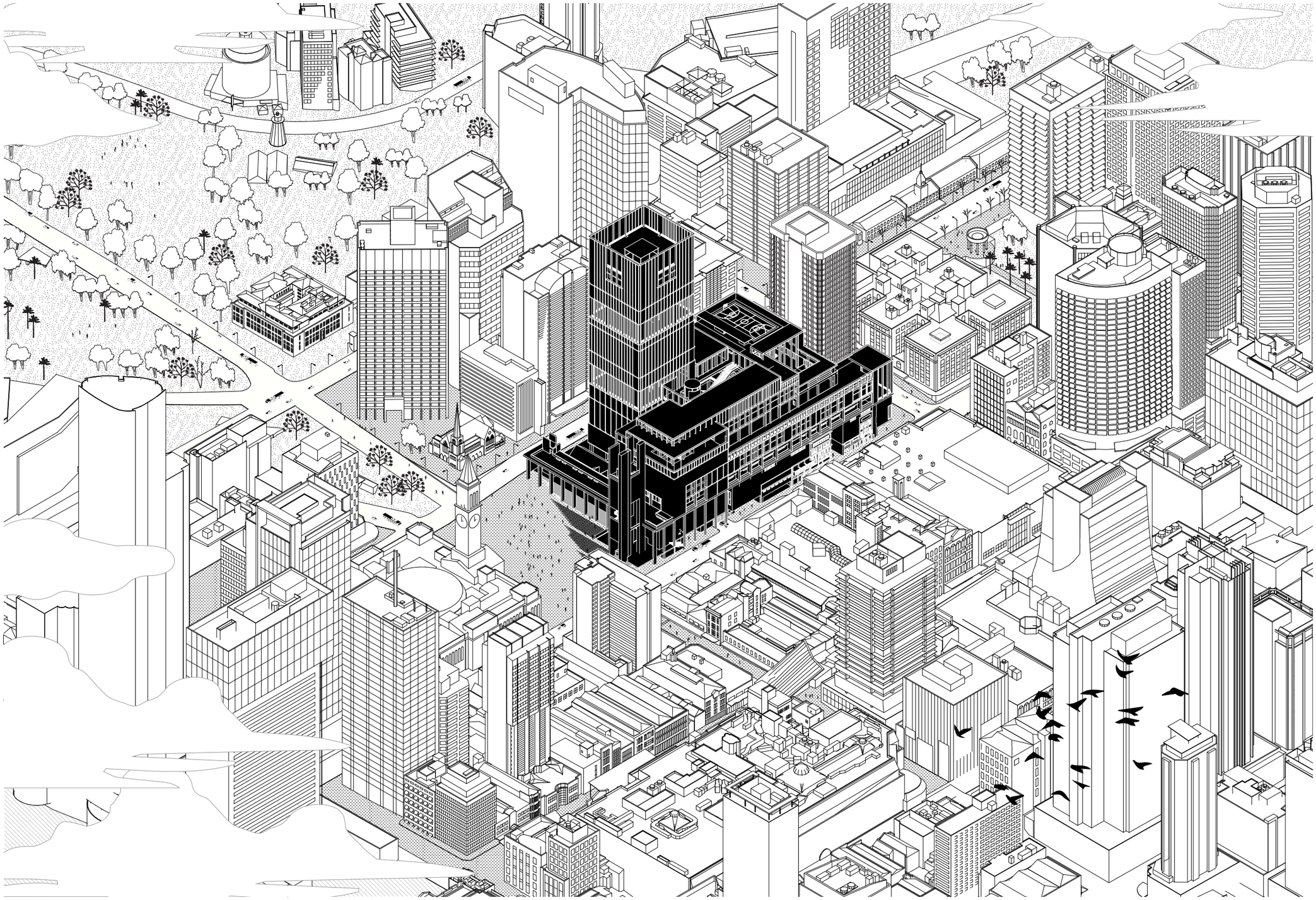
**carving into the site**
urban strategy



**creating a new internal street**
urban strategy

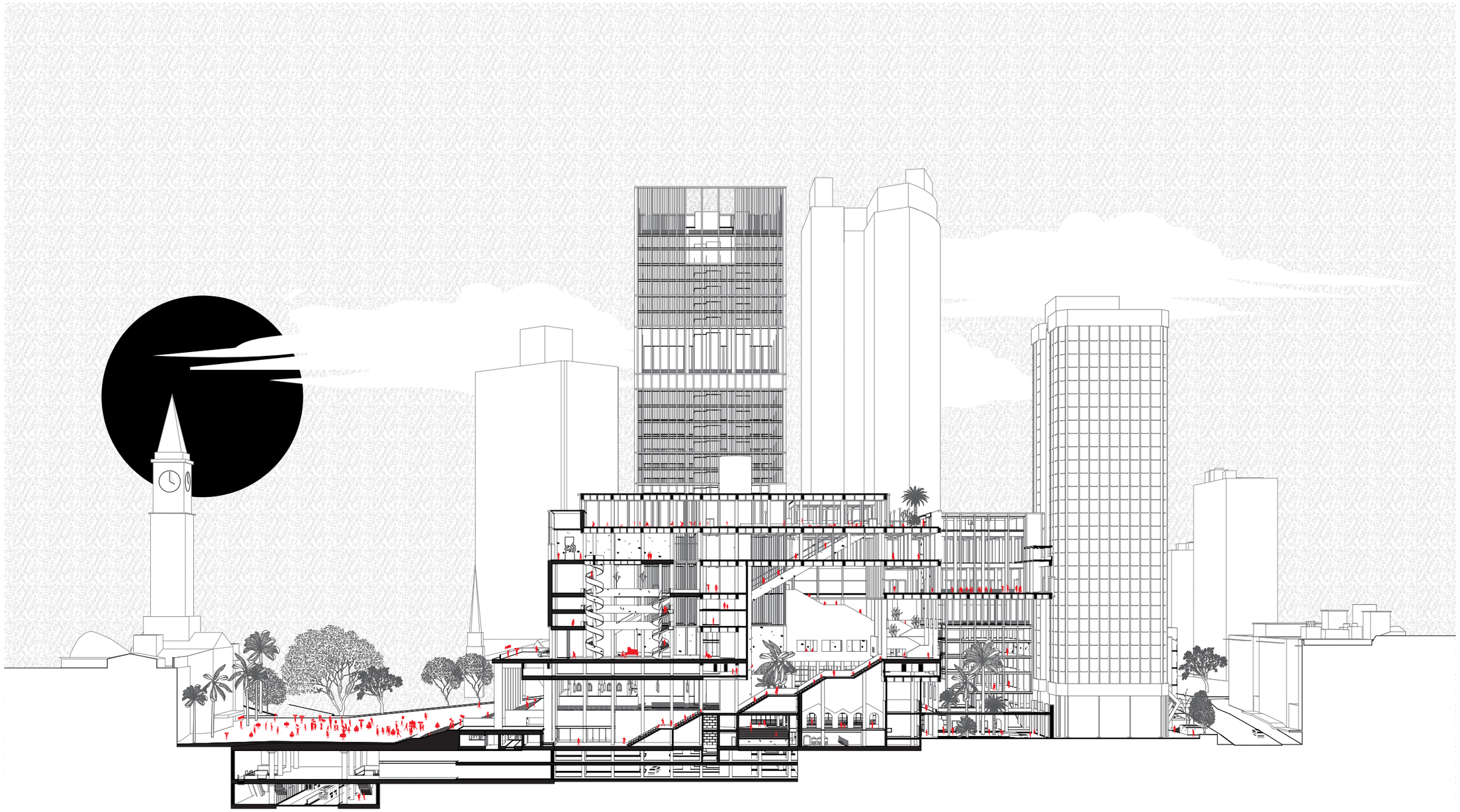


**vertical civic platforms**
urban strategy



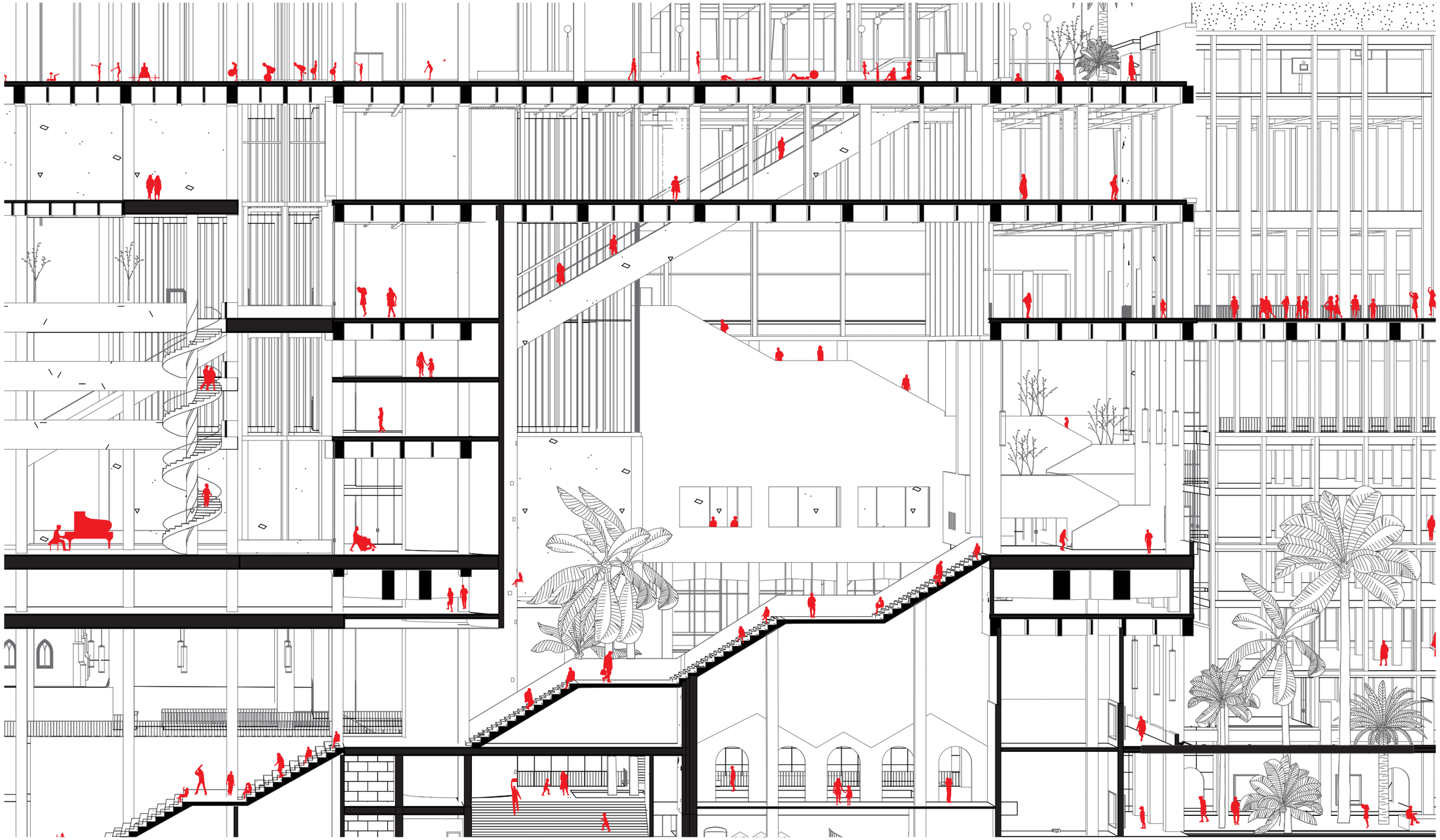
**urban topography**
urban strategy

view to king george square

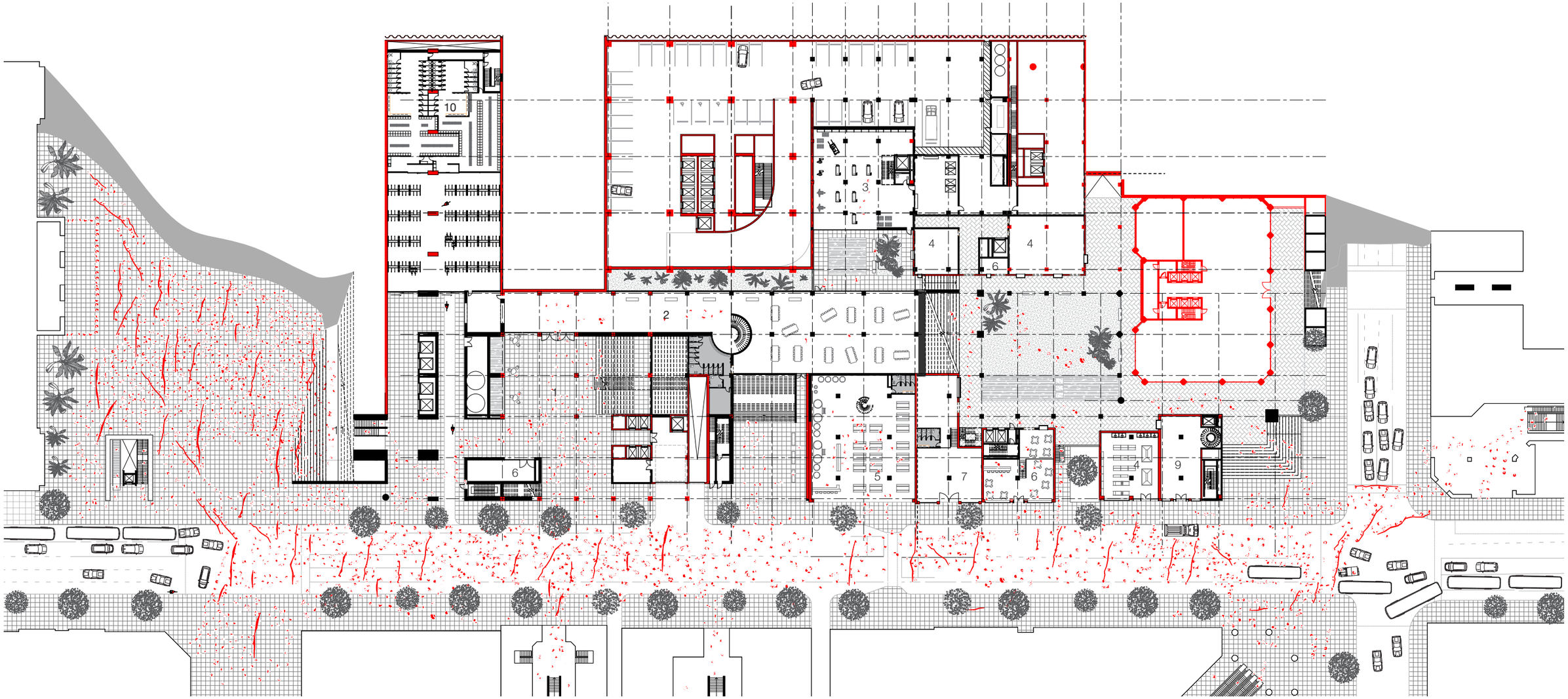


## section perspective

~1:200 @ A0



section perspective



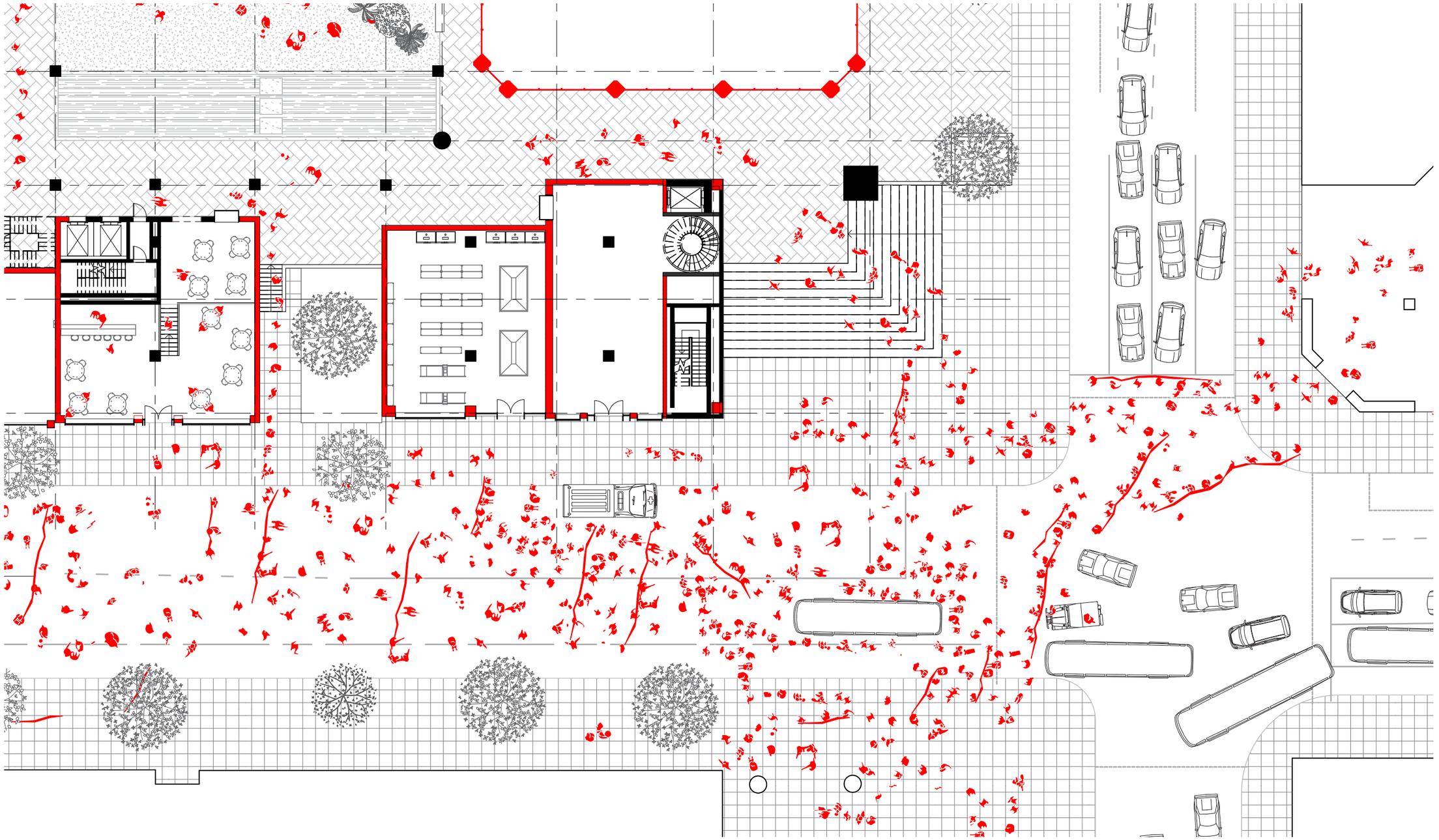

1. forum
2. open work space
3. maker space
4. retail space
5. brewery
6. restaurant
7. cafe
9. gallery
10. end of trip amenities
11. to busway

## level ground

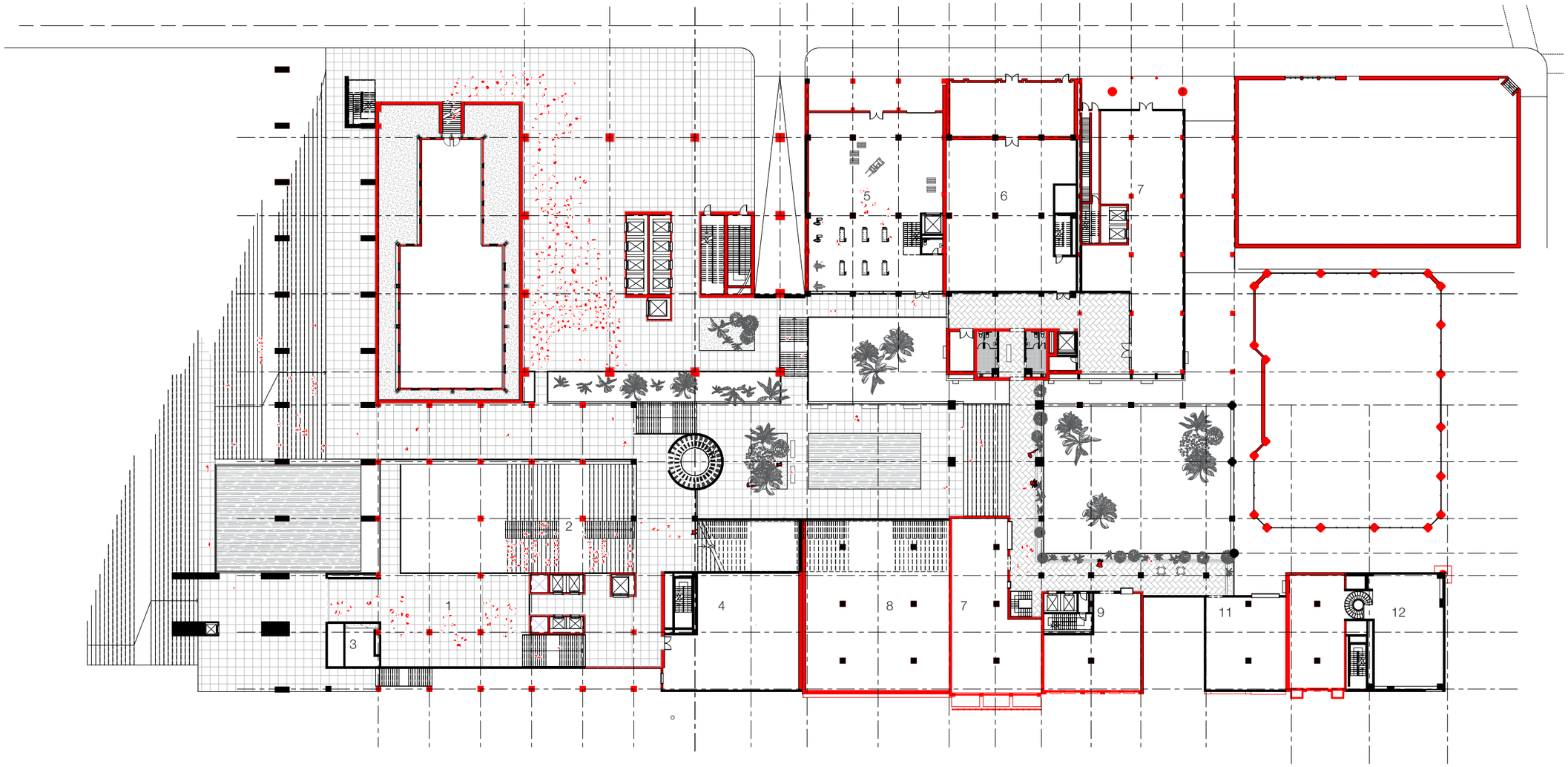
~1:200 @ A0

existing

step line



level ground




1. foyer
2. forum
3. information center
4. media space
5. maker space
6. music hall (existing)
7. co - working space
8. brewery
9. restaurant
10. cafe
11. retail space
12. gallery

# level upper ground

1:200 @ A0

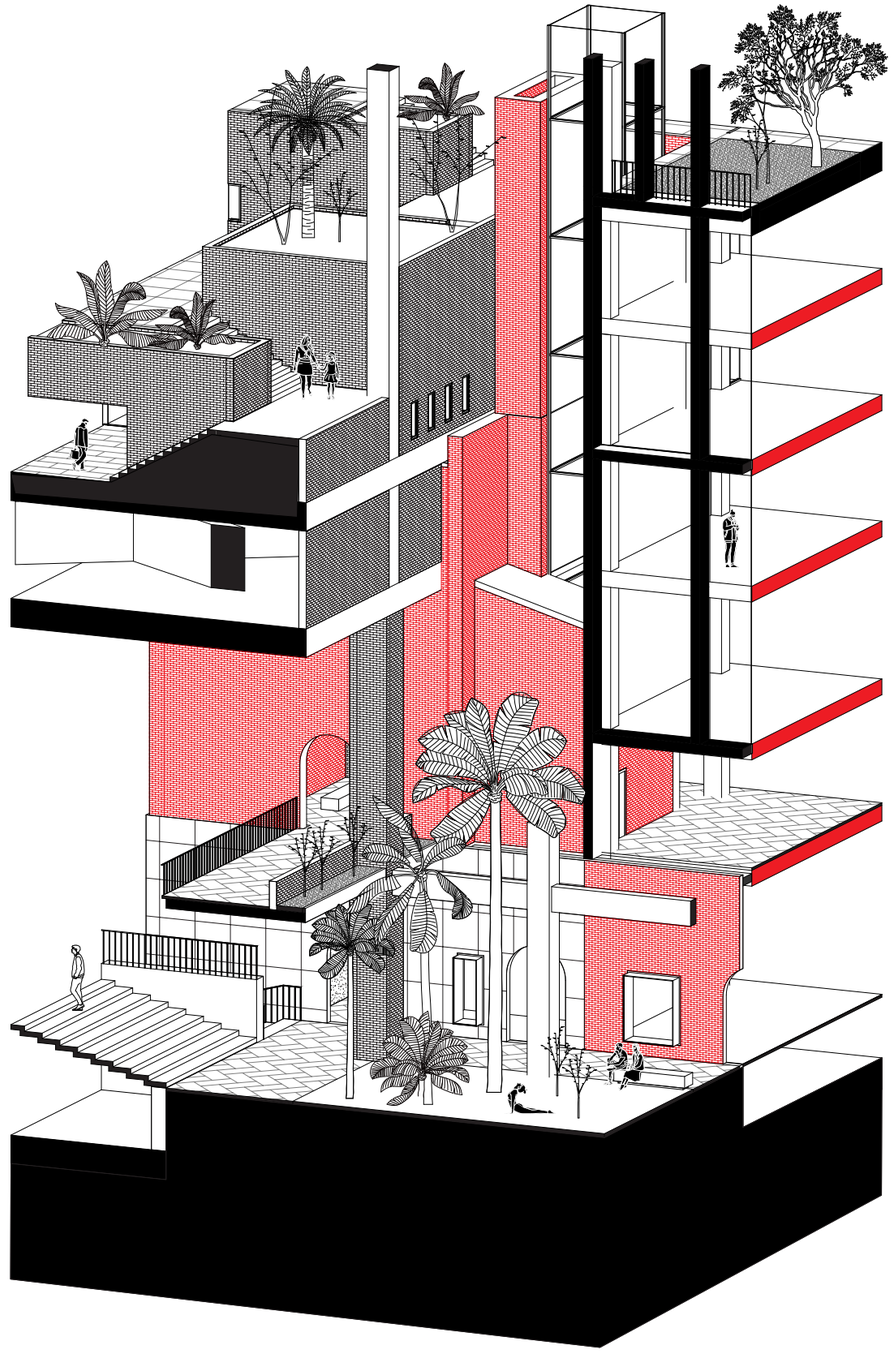
existing

**establishing the city as a common future.**

1. *That the contemporary problems of the city exist as a reflection of the tension between our world and the Earth.*

2. *That the fluidity of the everyday life, one empowered by relationships between people, is the essence of understanding our narrative in space and time.*

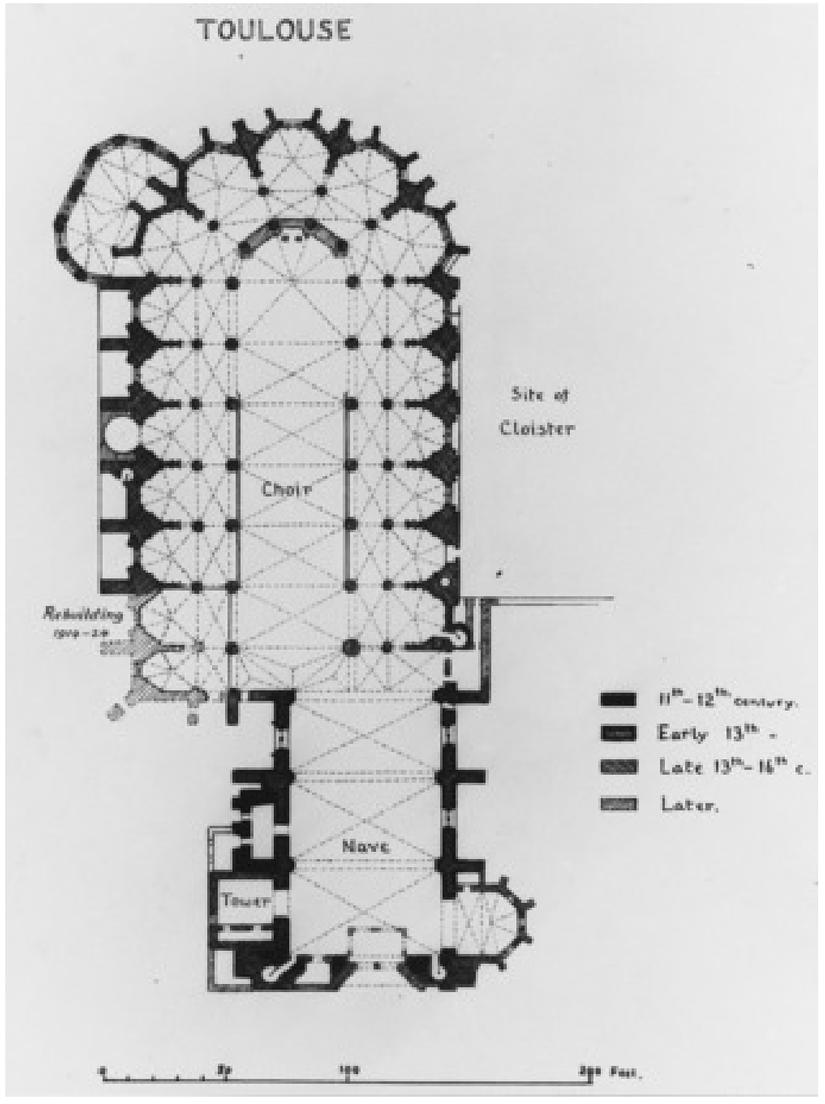
3. *That in between our collective condition and our collective task in creating the city exists the possibilities of our future.*



**building fragment**
expresssing time

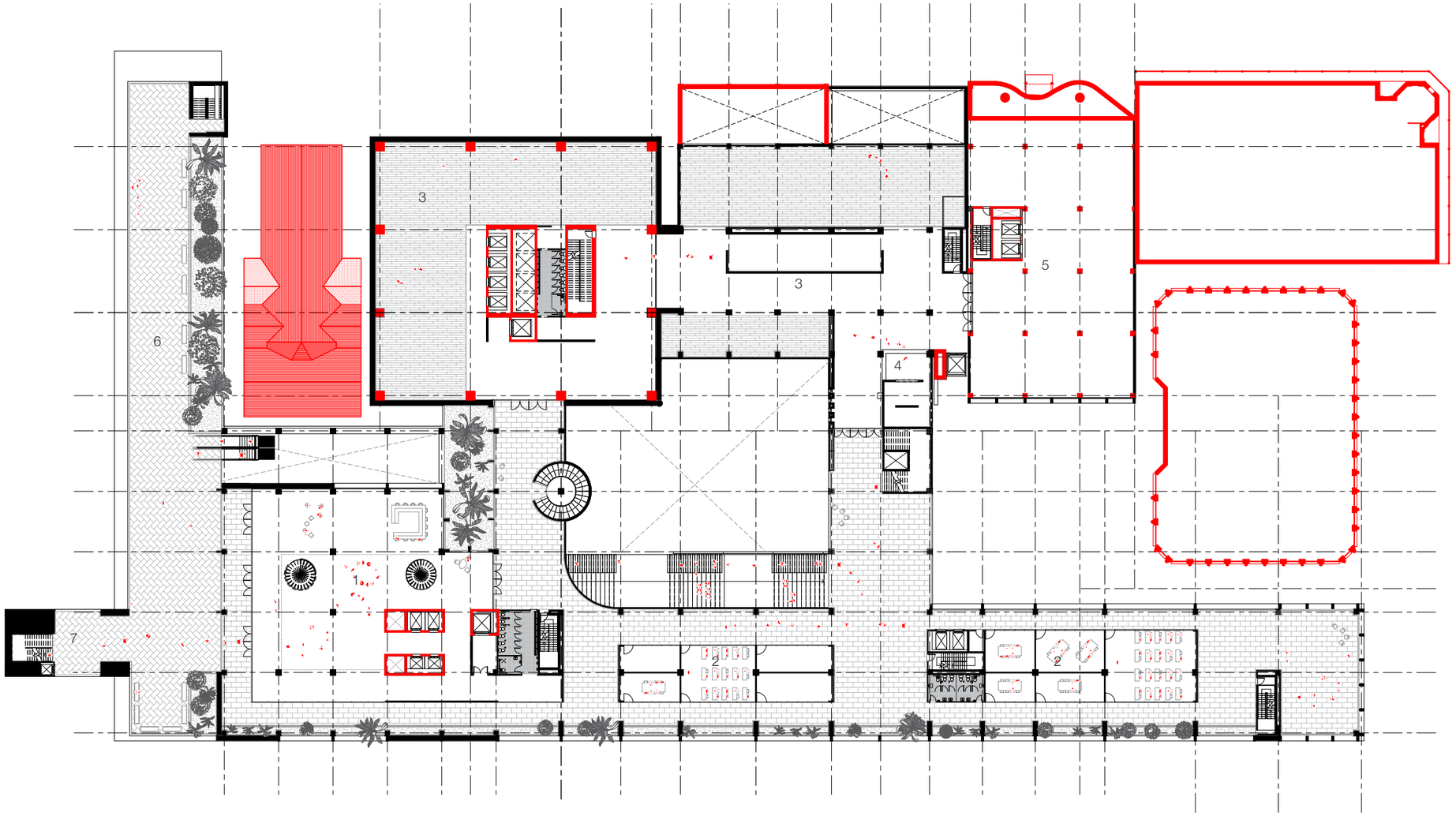
existing

view of tropical waterscape




**Cathédrale Saint-Étienne . Toulouse**
expresssing time

**Cathédrale Saint-Étienne . Toulouse**
expresssing time

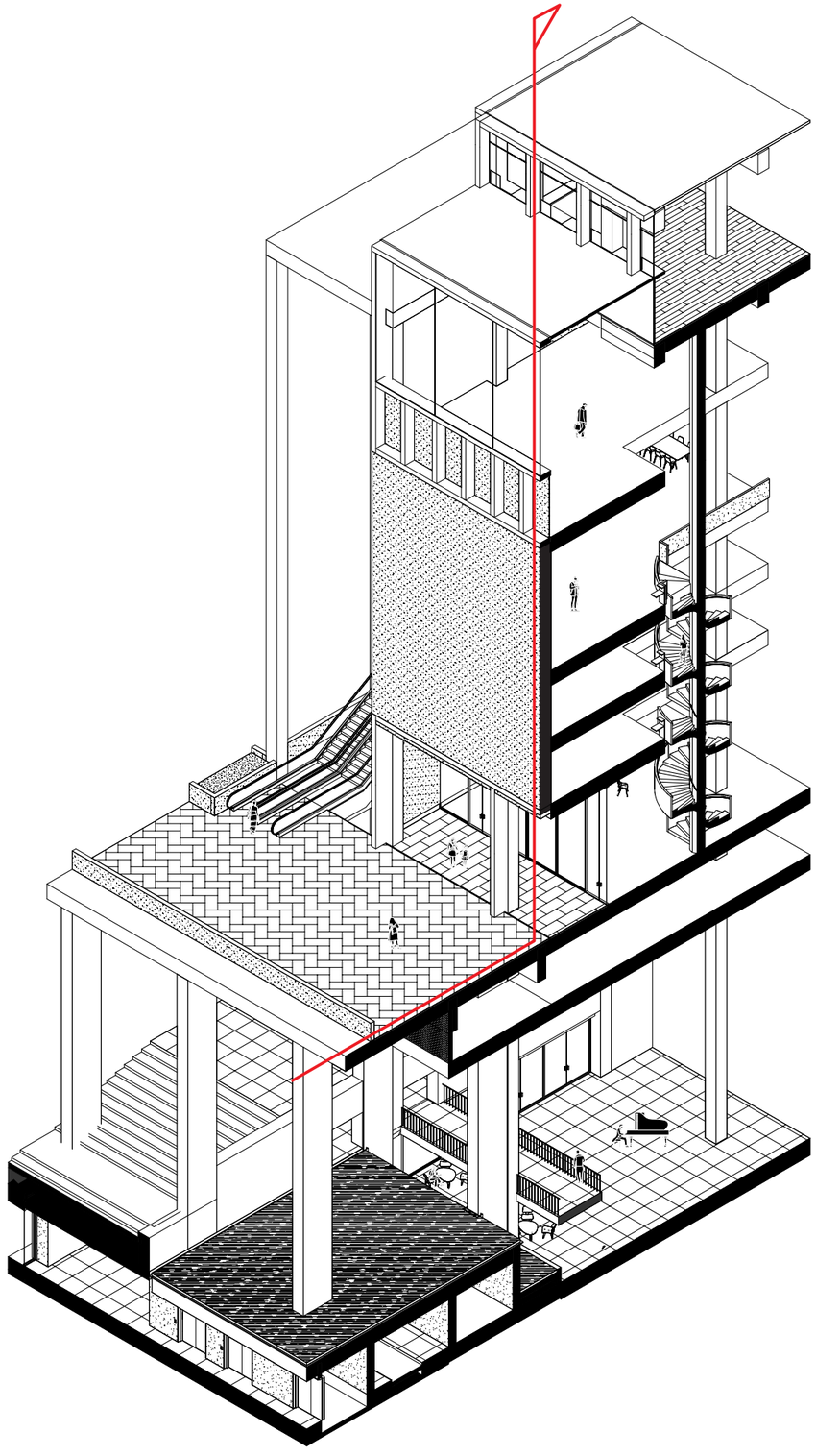


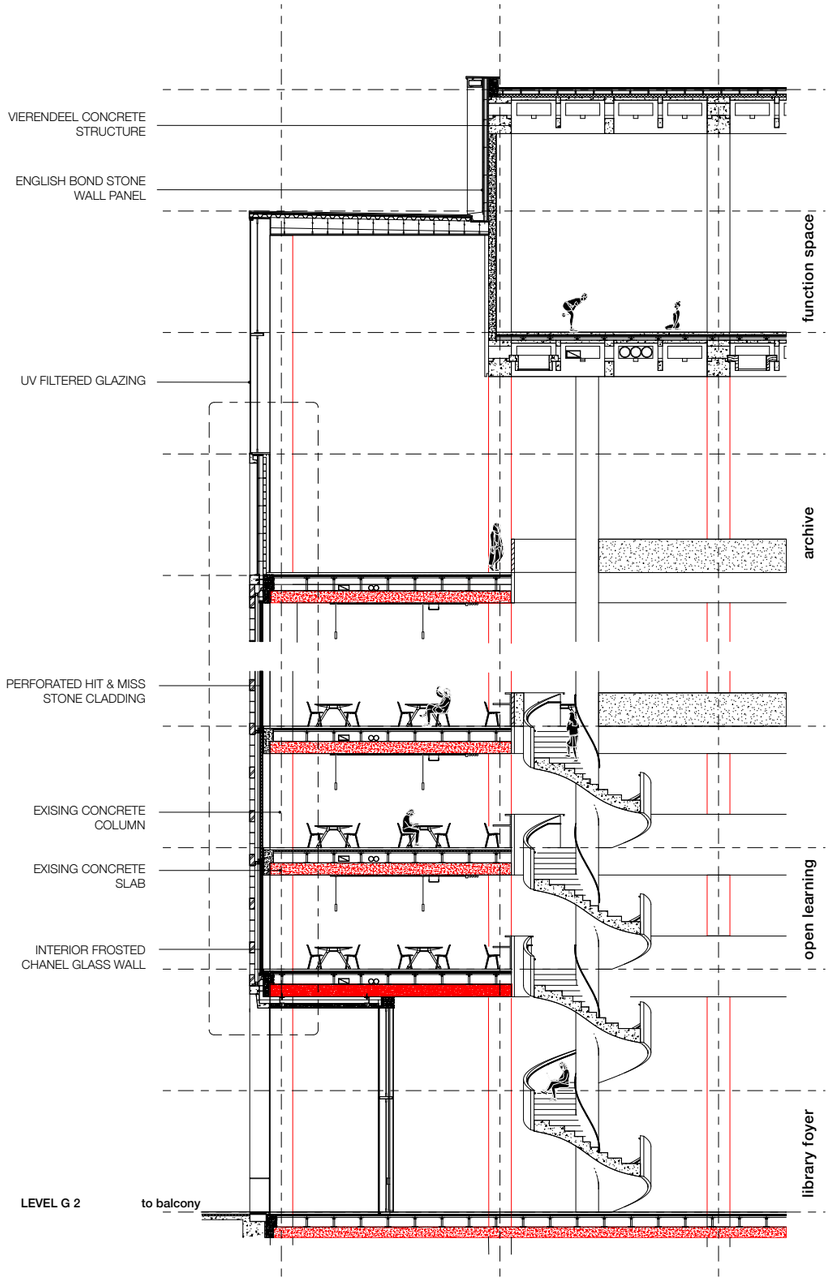

1. library atrium
2. work space
3. gallery
4. gallery office
5. co - working space
6. terrace
7. to observatory

# level ground 2

1:200 @ A0

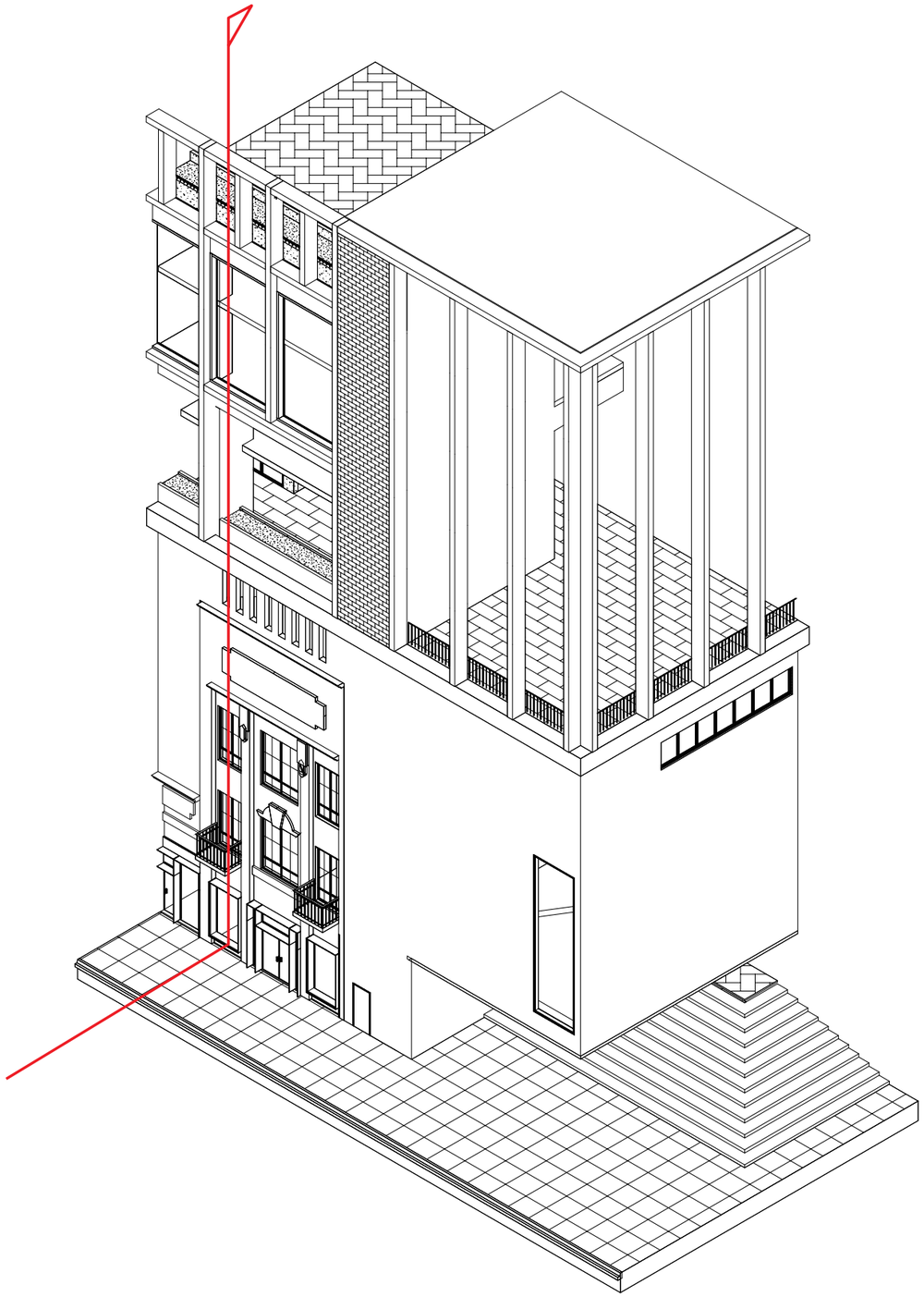
existing



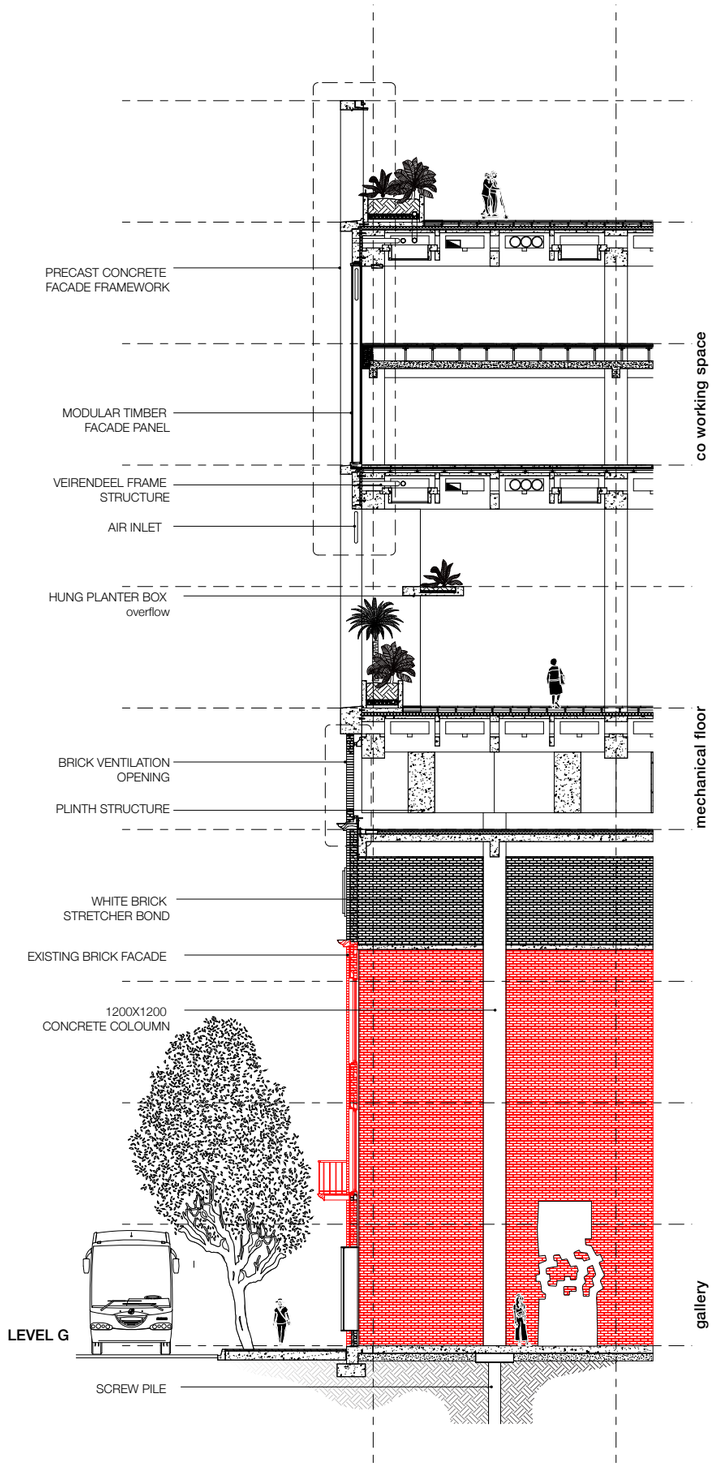


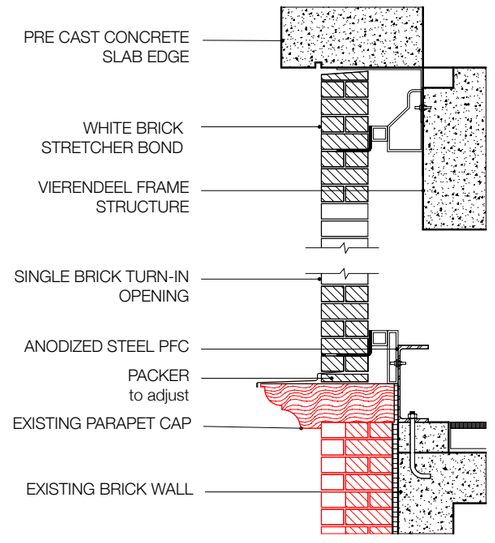

**expressing the existing**
detailed section a

~1:50 @ A0



**expressing the existing**
building fragment



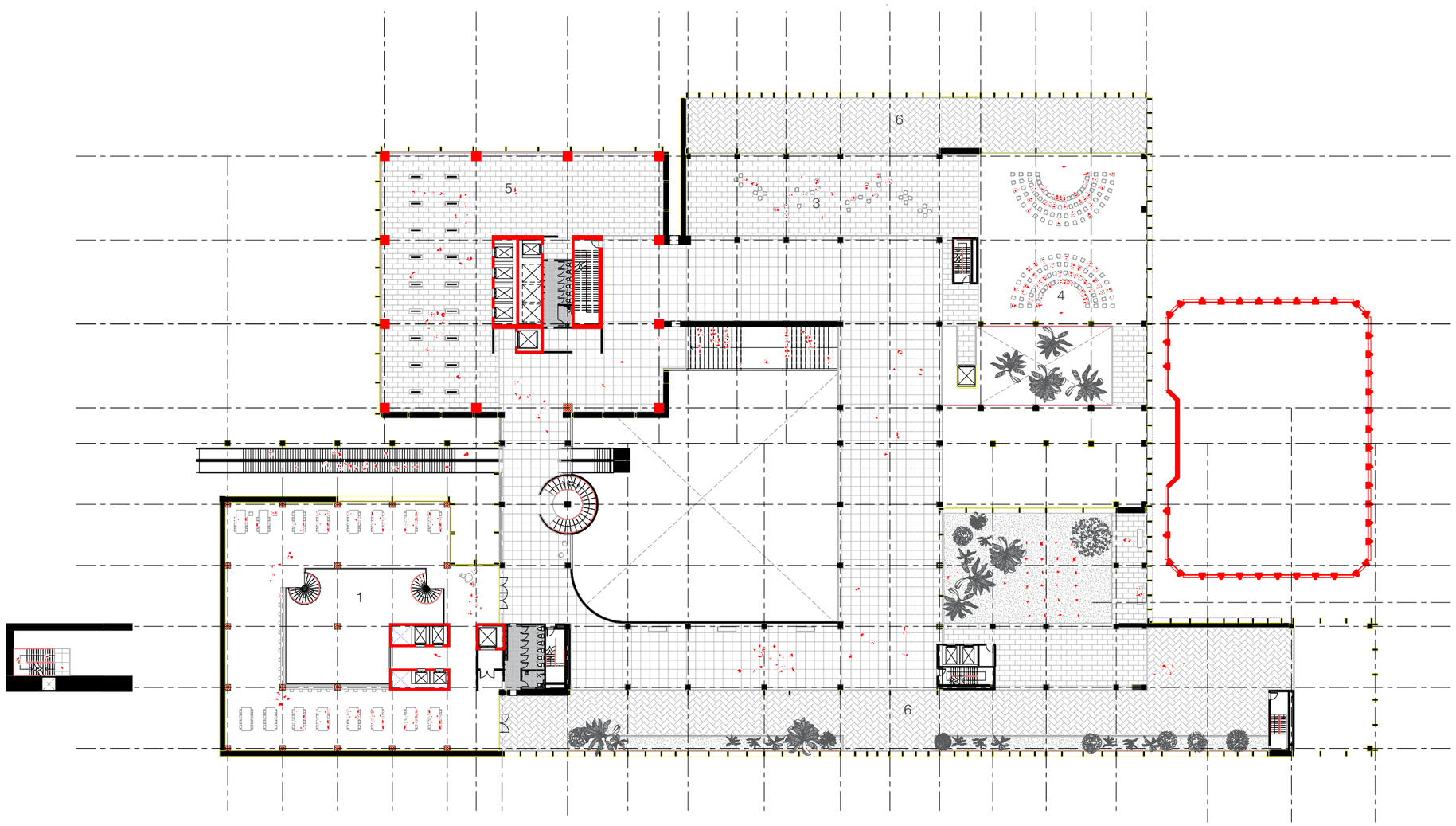




1:10 @ A0

# expressing the existing
detailed section a

~1:50 @ A0

view from anzac square arcade

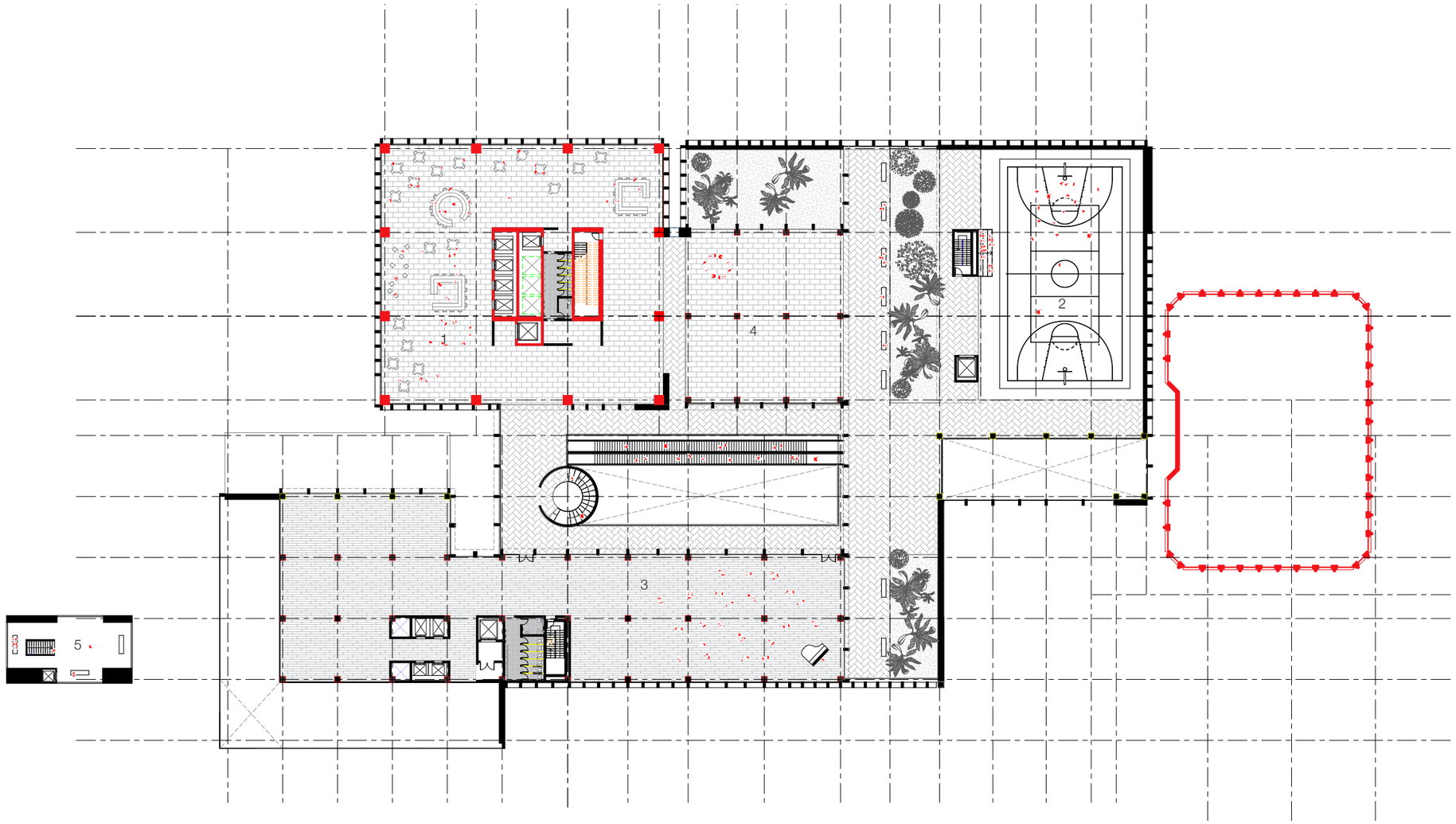



1. library
2. garden space
3. open forum
4. activity space
5. retail gallery
6. terrace
7. to observatory

# level ground 3

1:200 @ A0

existing

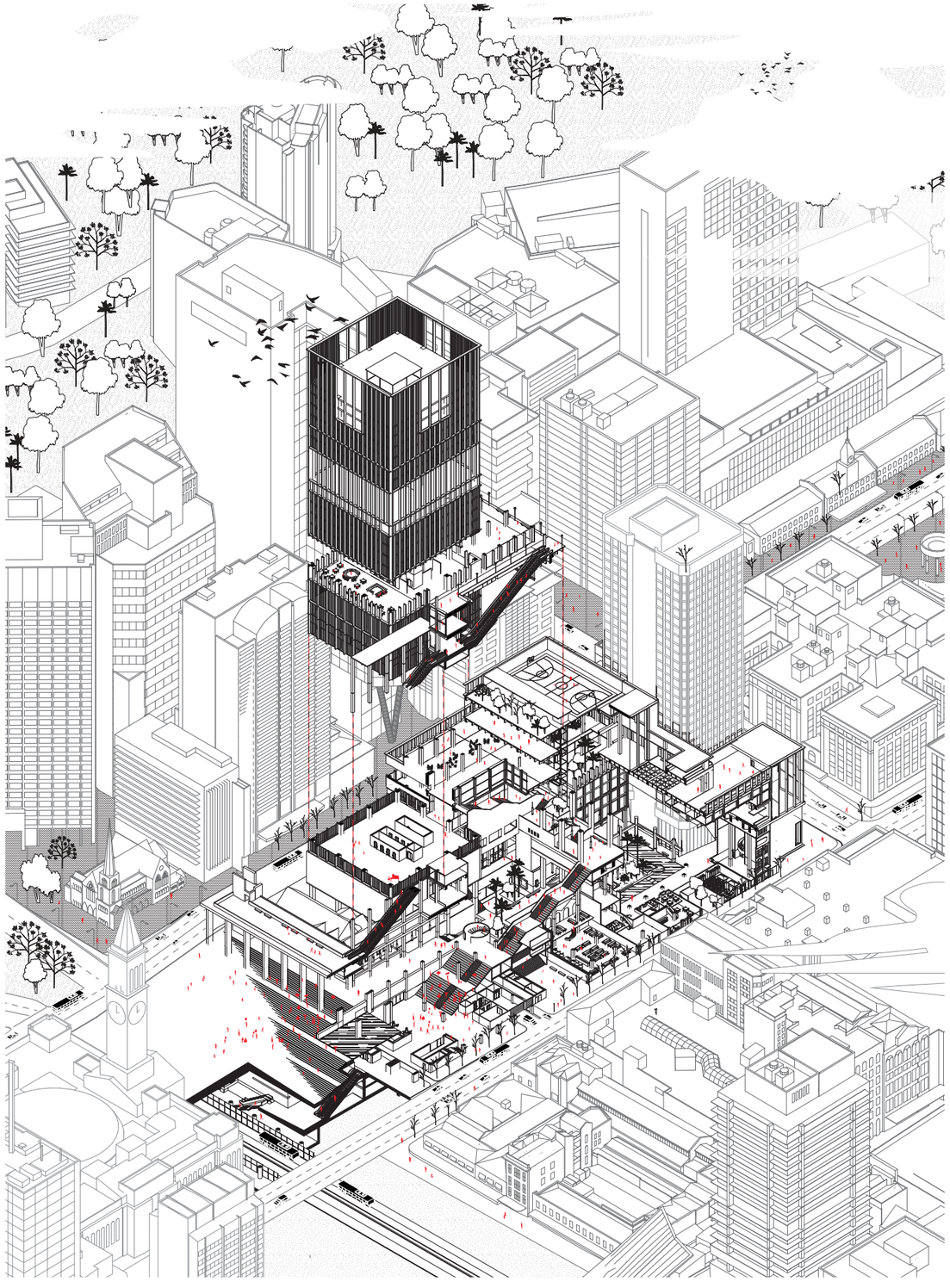



1. food hall
2. multi-purpose court
3. function space
4. undercover activity space
5. observatory

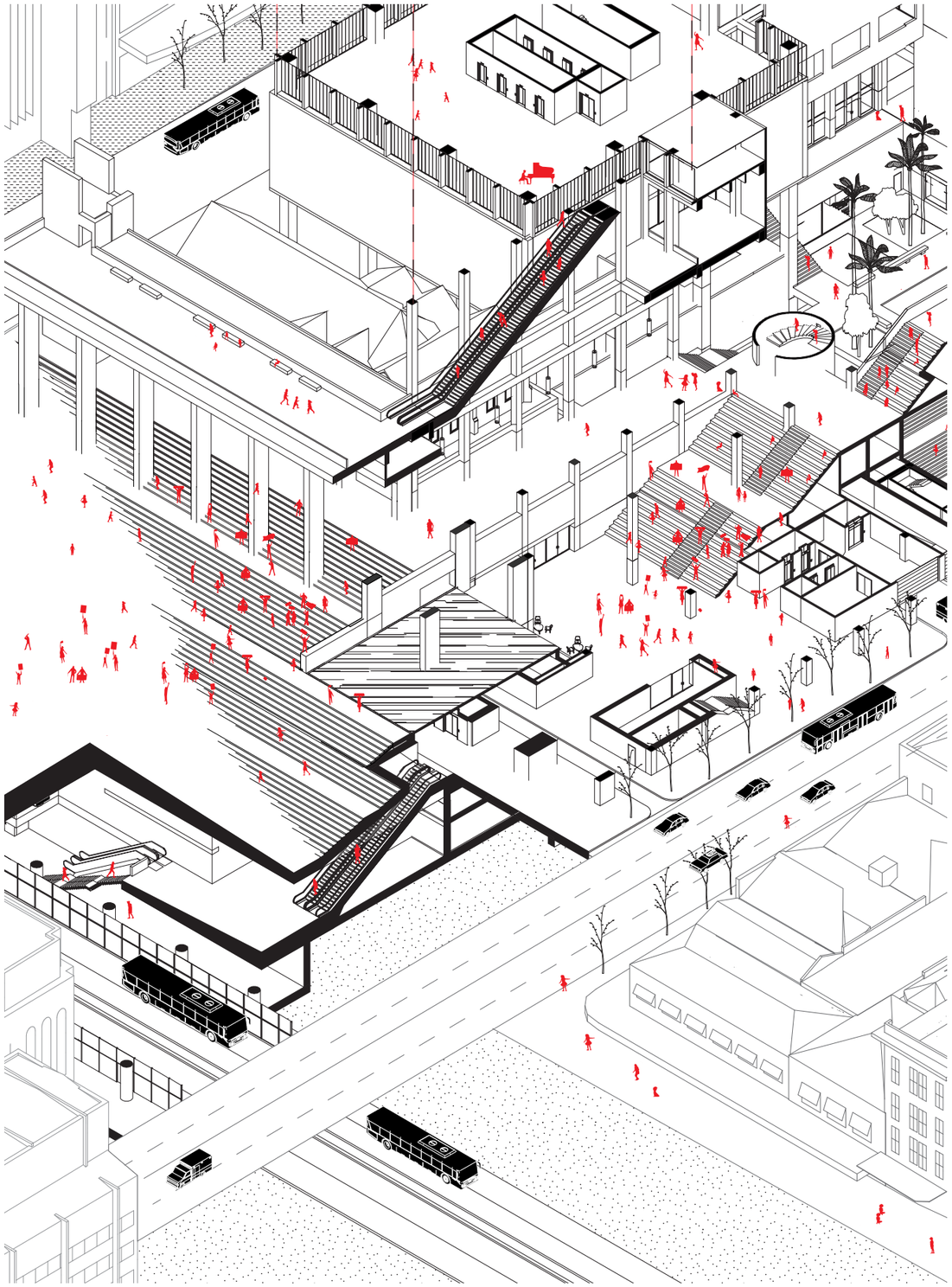
## level ground 4

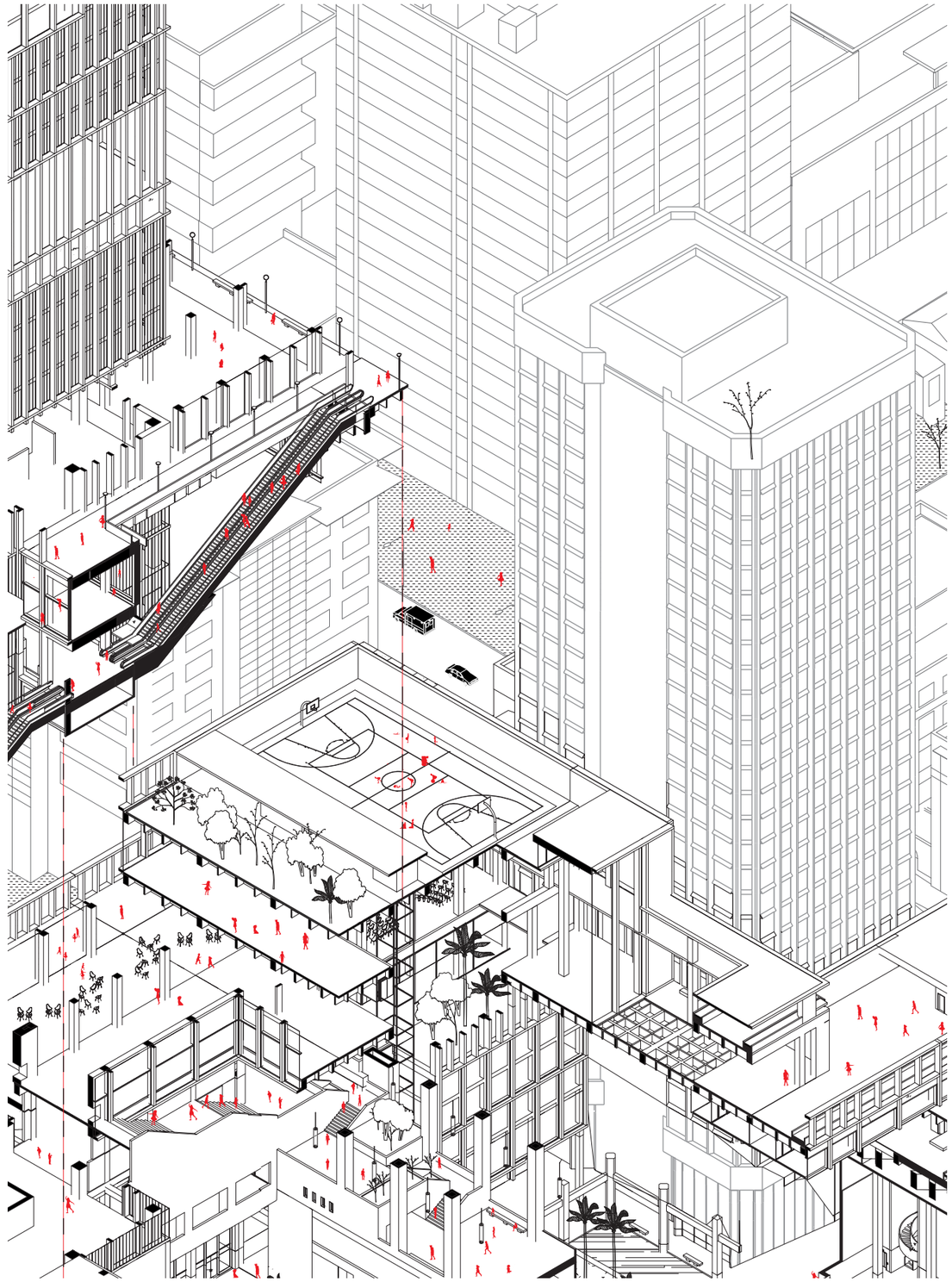
1:200 @ A0

existing



**terracing**
creating landscape





common terrace space

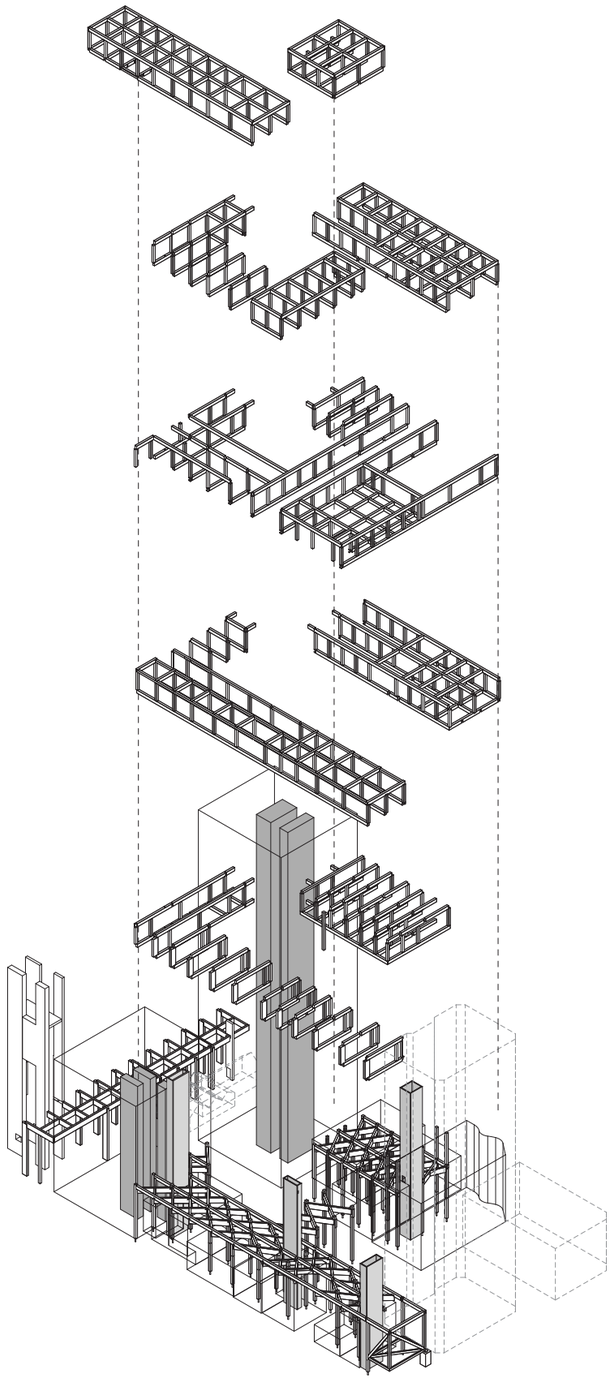
view of raised street

**establishing the city as a common future.**

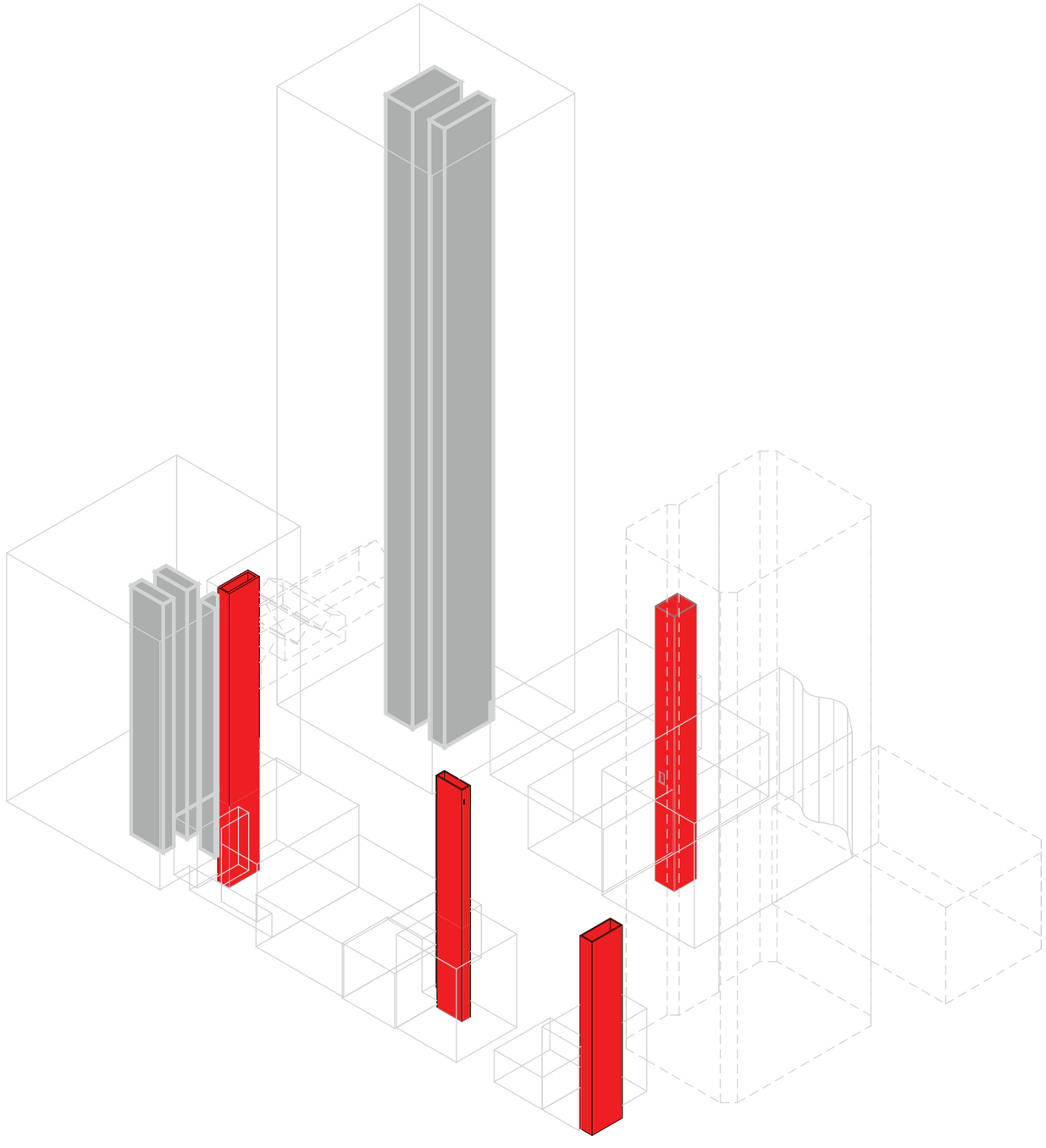
1. *That the contemporary problems of the city exist as a reflection of the tension between our world and the Earth.*

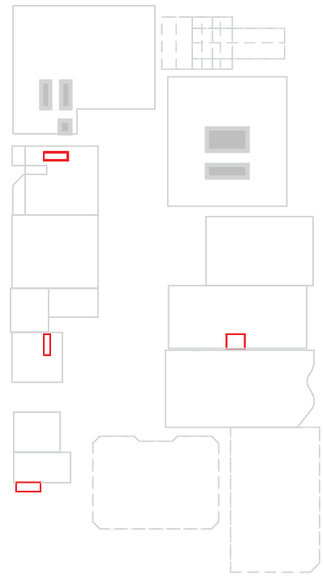
2. *That the fluidity of the everyday life, one empowered by relationships between people, is the essence of understanding our narrative in space and time.*

3. *That in between our collective condition and our collective task in creating the city exists the possibilities of our future.*



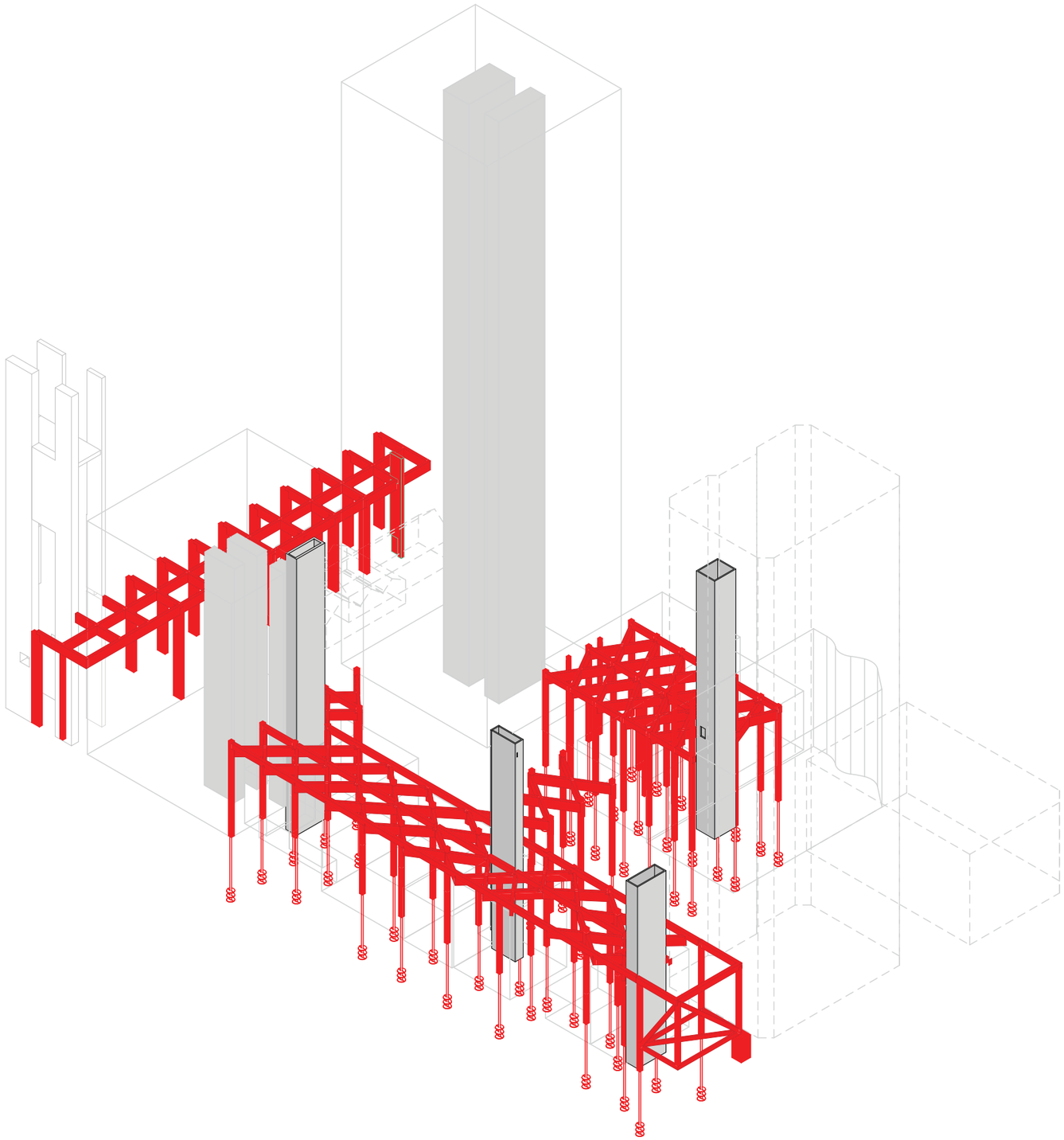
**stacking vierendeel frames**
exploded structural diagram

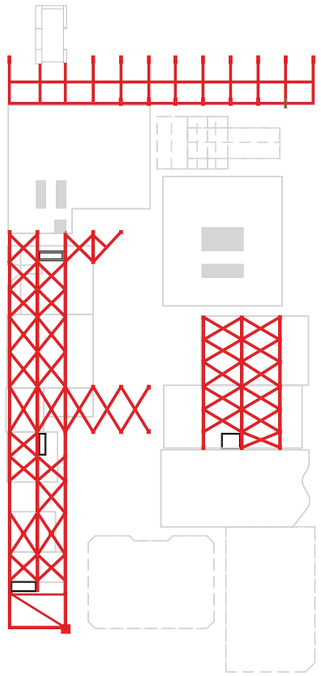




**locating cores**
structural scheme

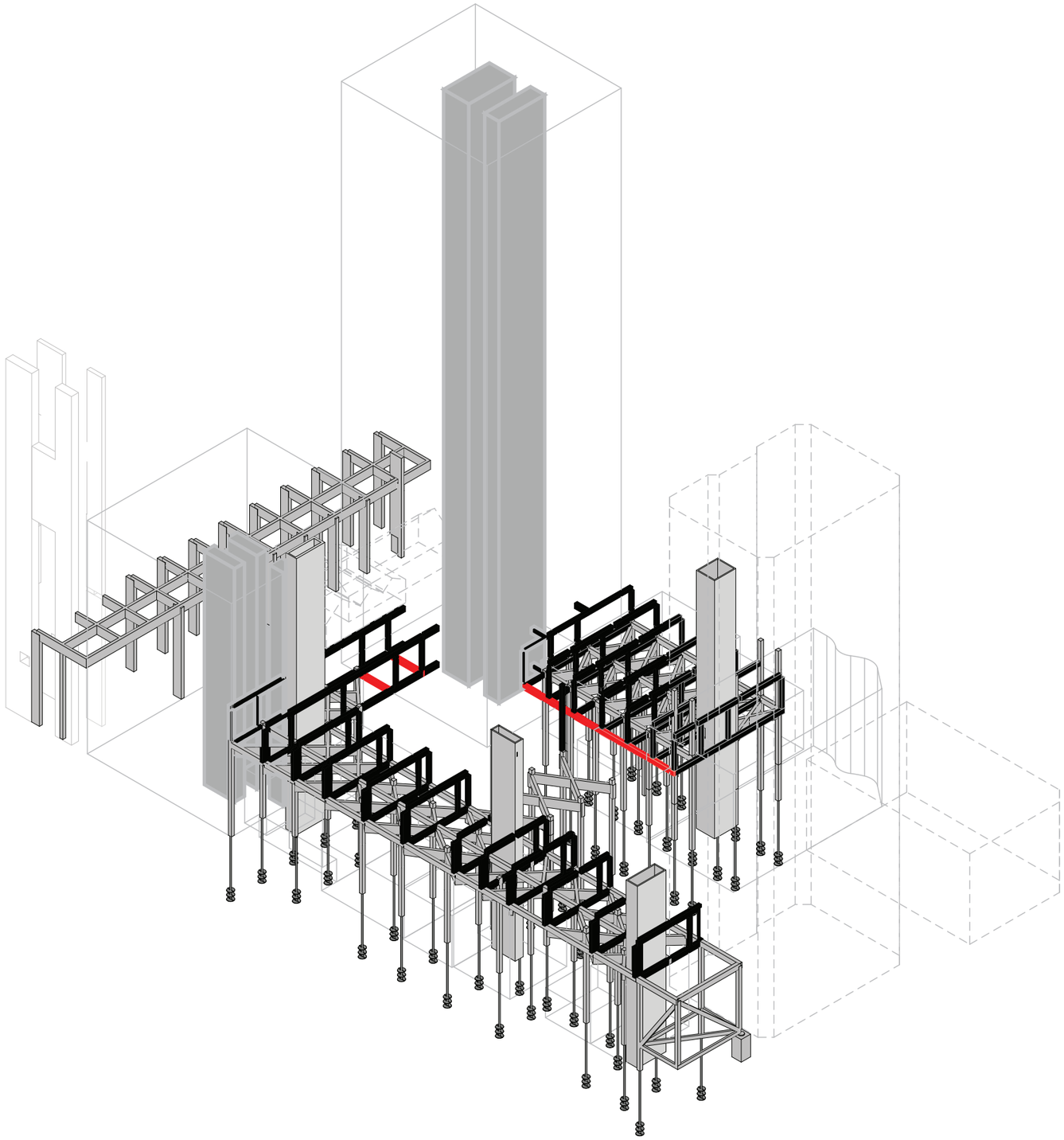
proposed cores

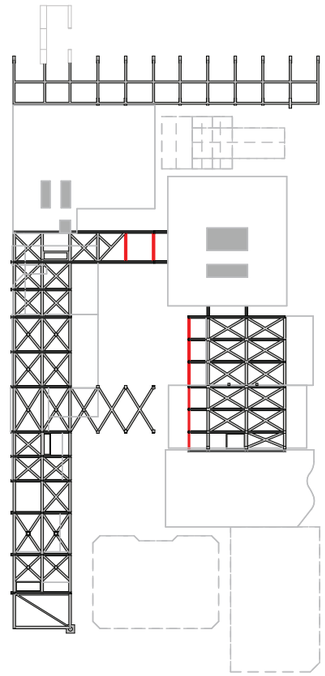




**plinth framework**
structural sheme

plinth framework

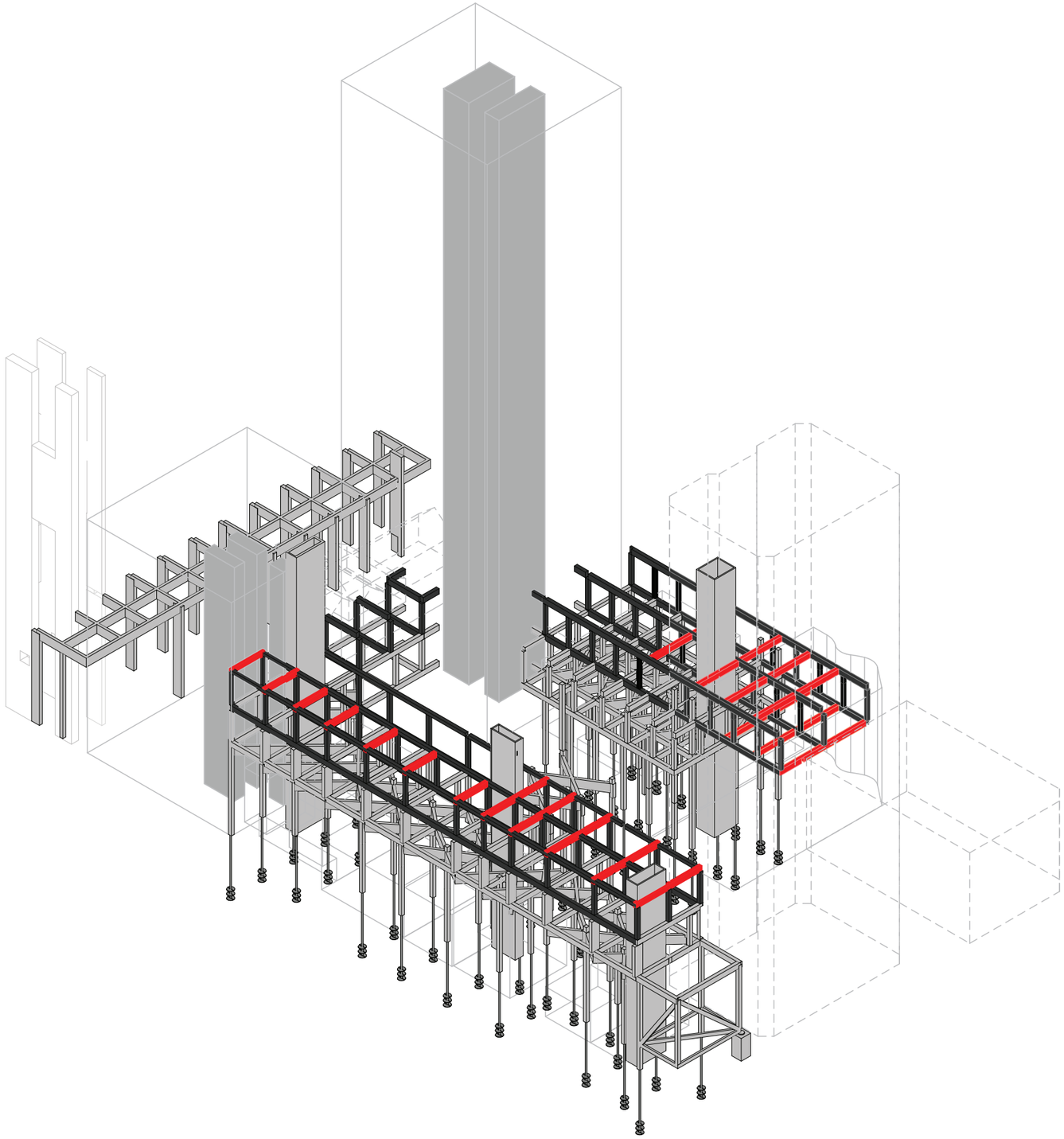


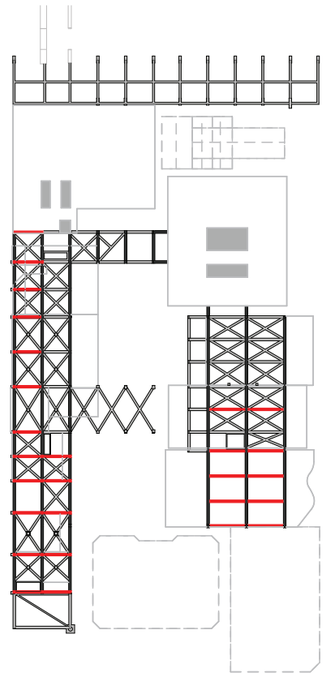


vierendeel frame

transverse
cross brace

**modular concrete framework**
structural scheme

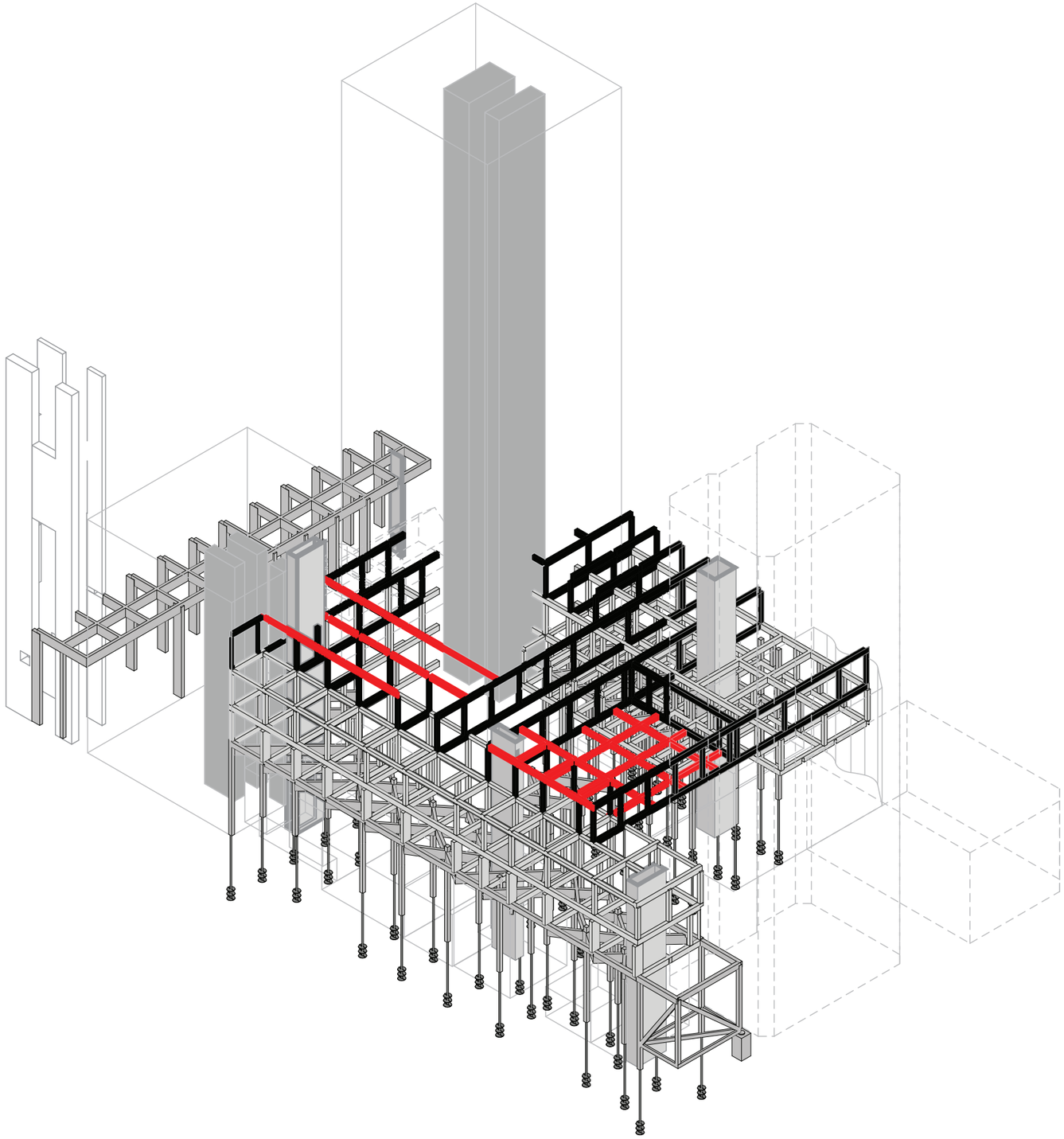


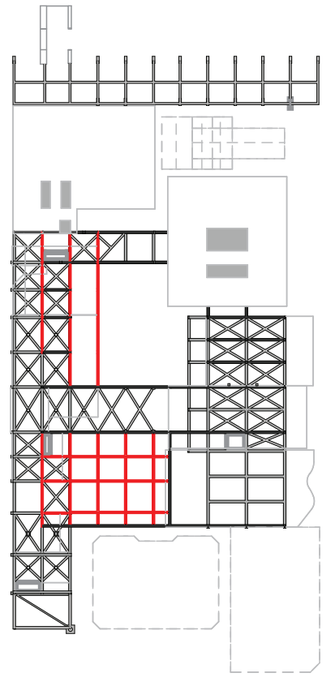


vierendeel frame

transverse
cross brace

**modular concrete framework**
structural scheme

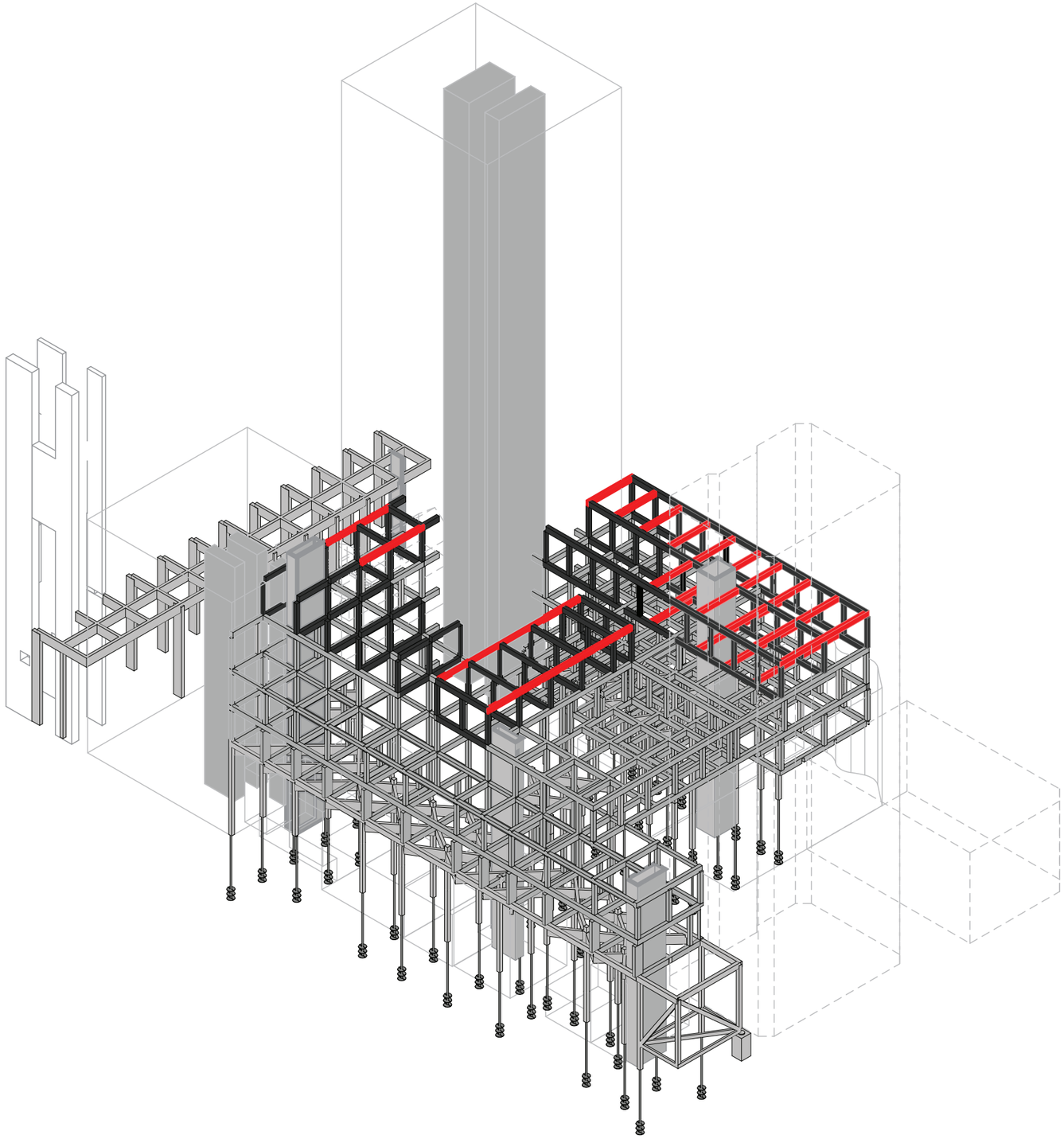


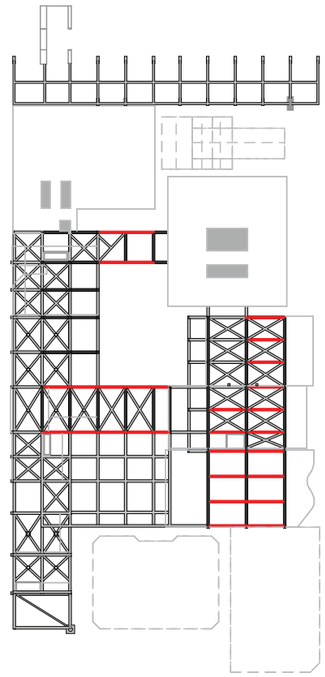


vierendeel frame

transverse
cross brace

**modular concrete framework**structural
scheme

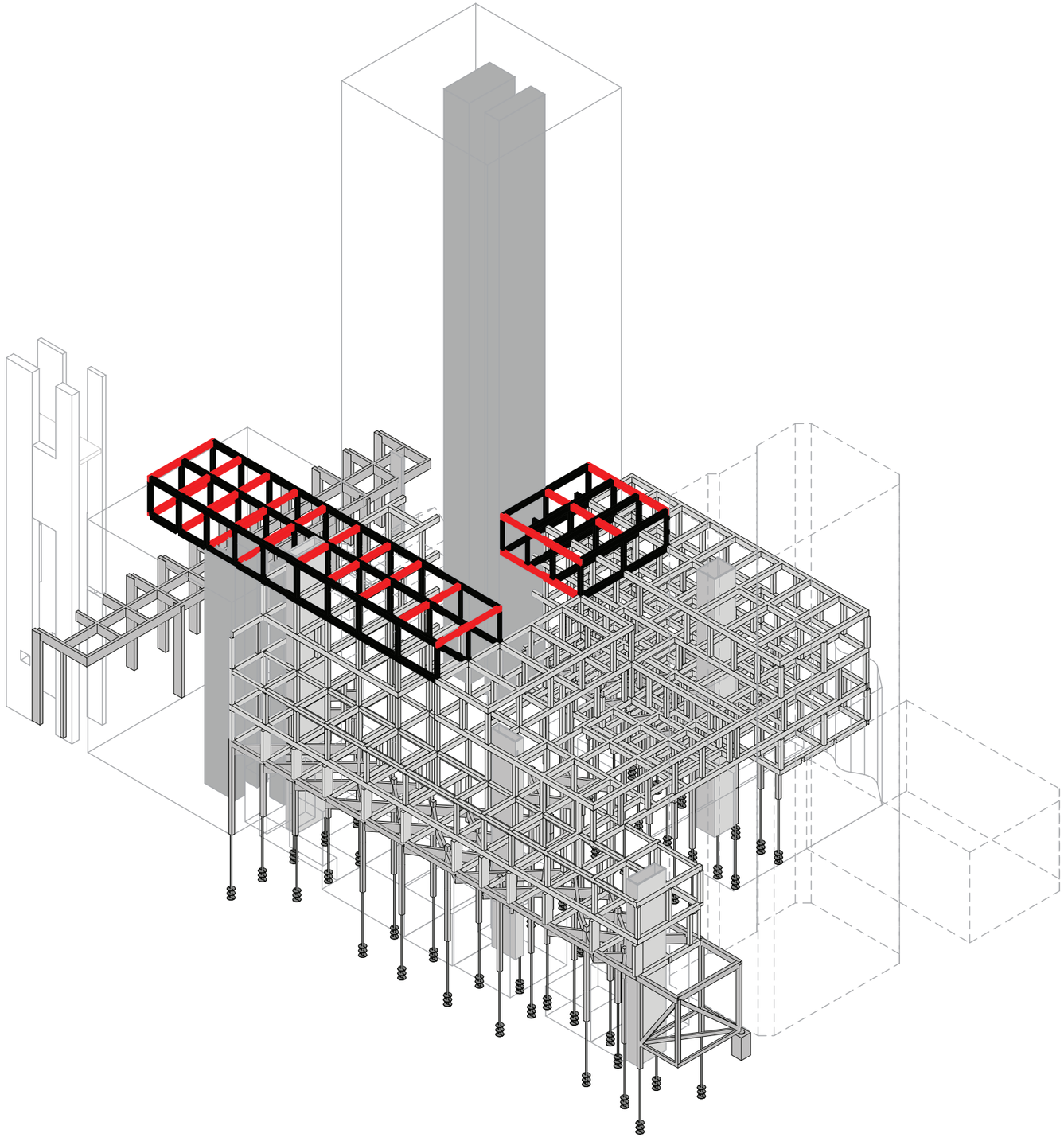


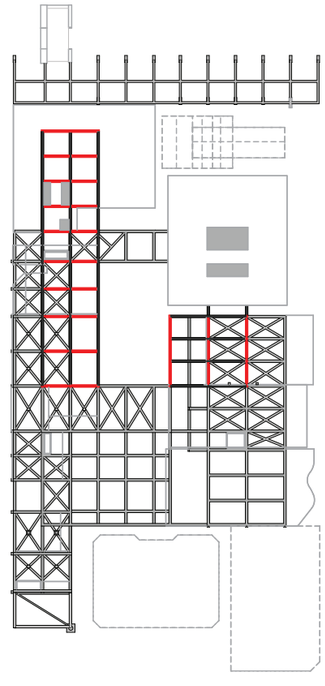


vierendeel frame

transverse
cross brace

**modular concrete framework**
structural scheme

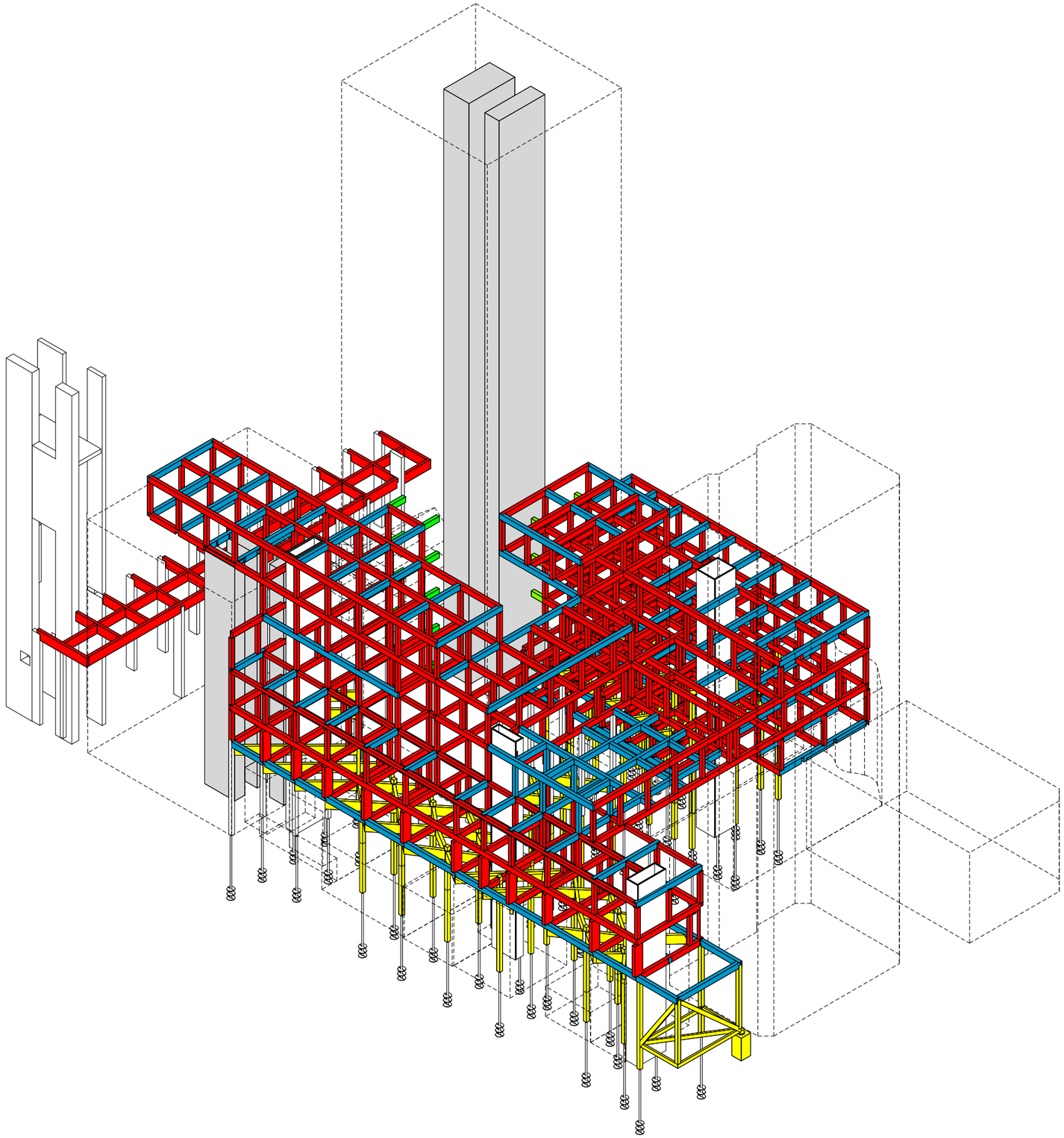




vierendeel frame

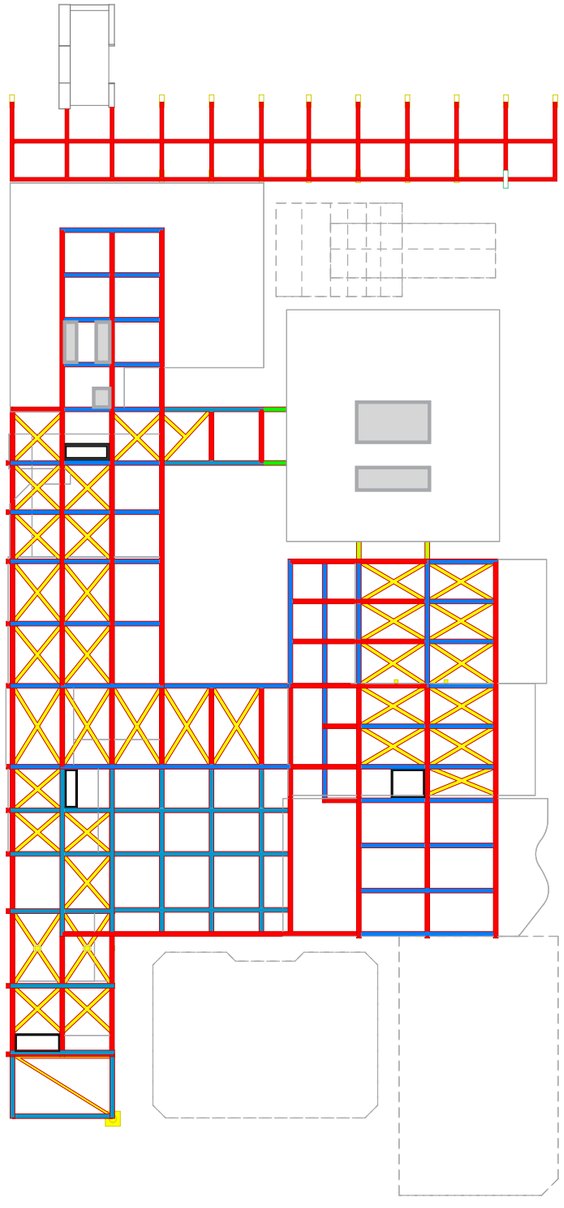
transverse cross brace

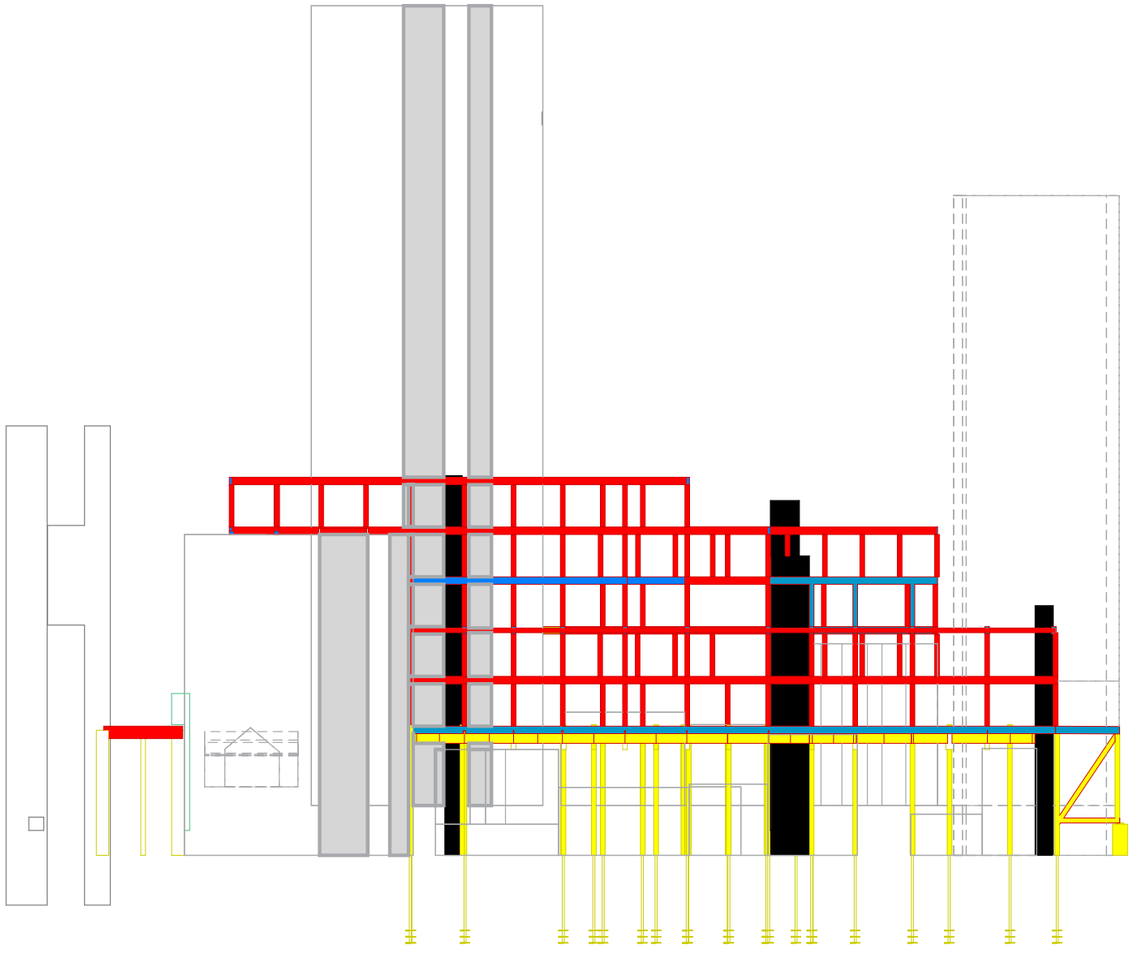
**modular concrete framework**structural scheme




**modular concrete framework**

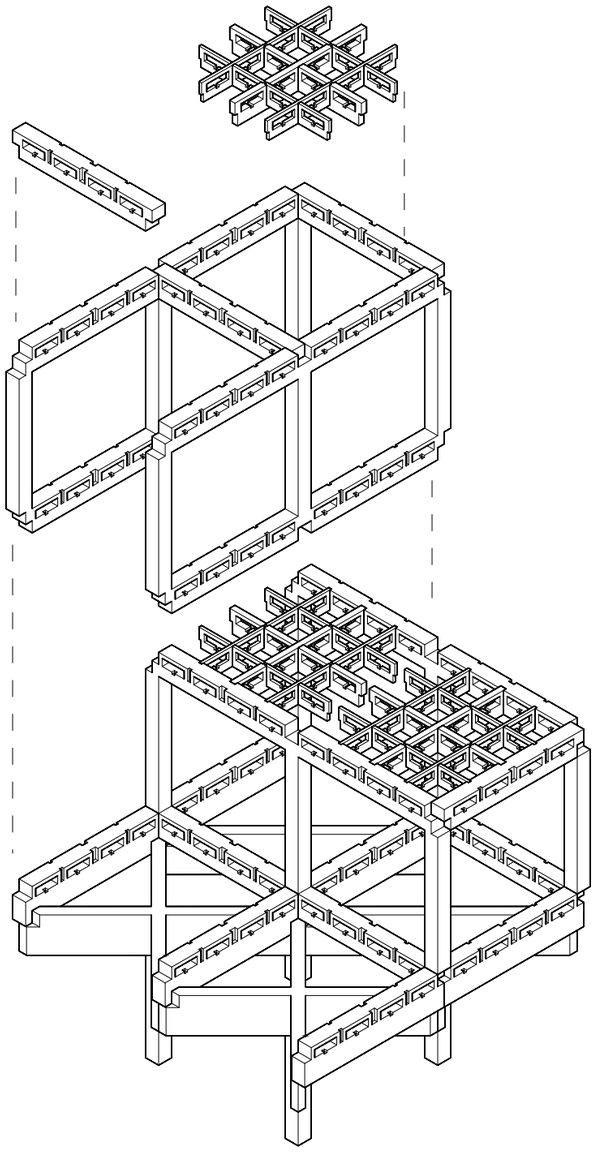
structural scheme

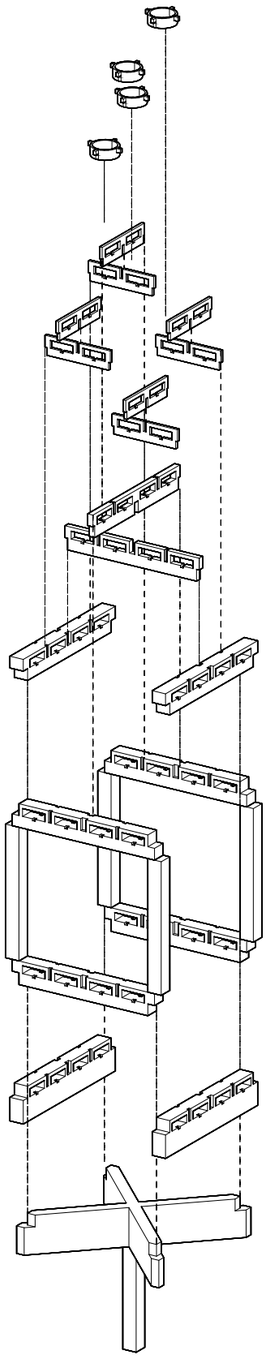




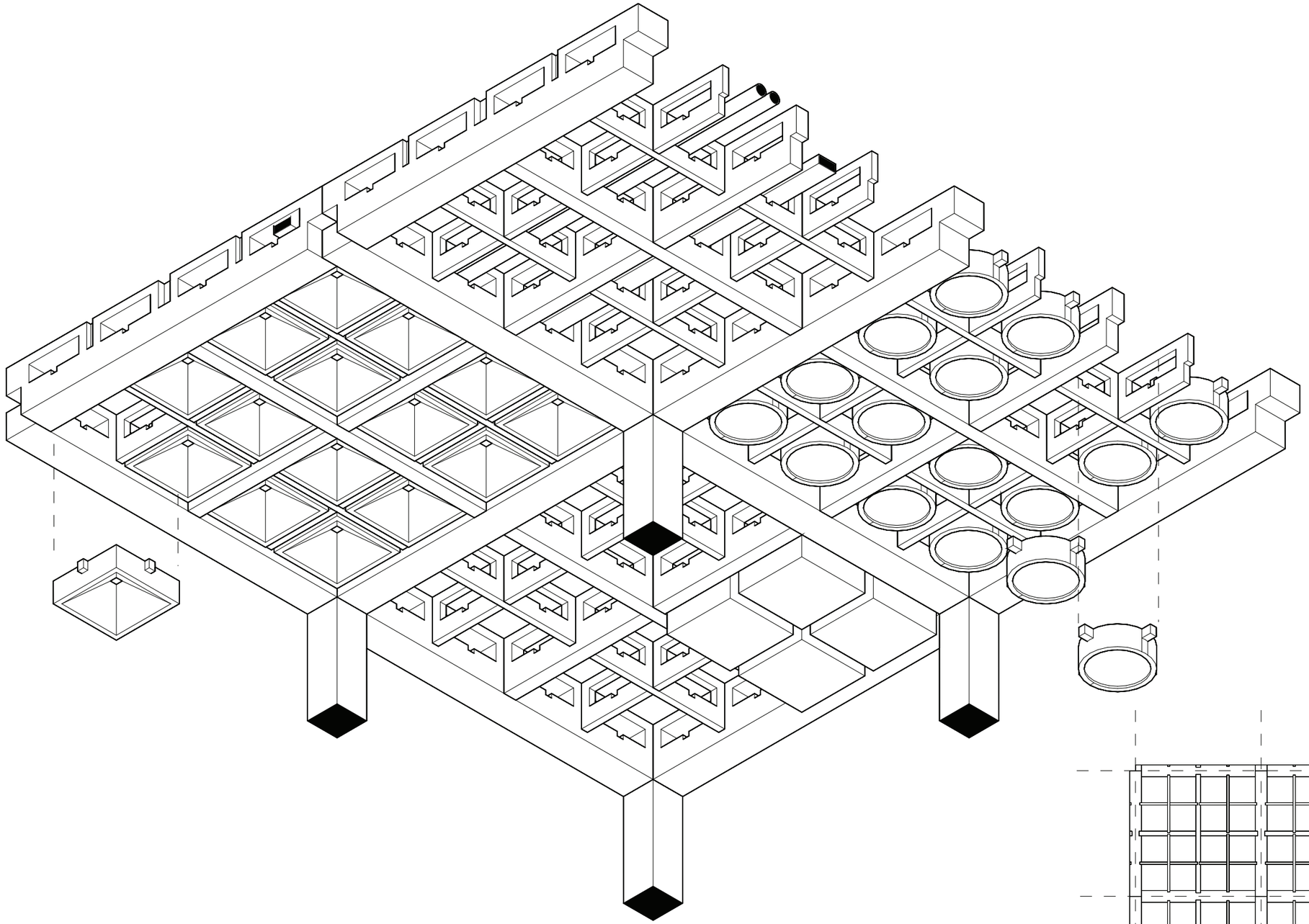
**modular concrete framework**structural scheme

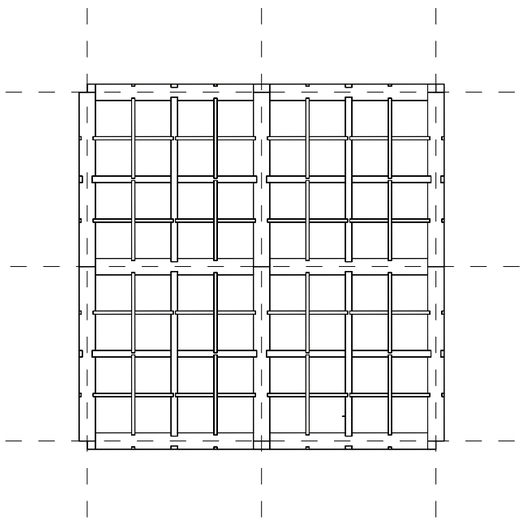
plinth framework
vierendeel frame
transverse cross brace





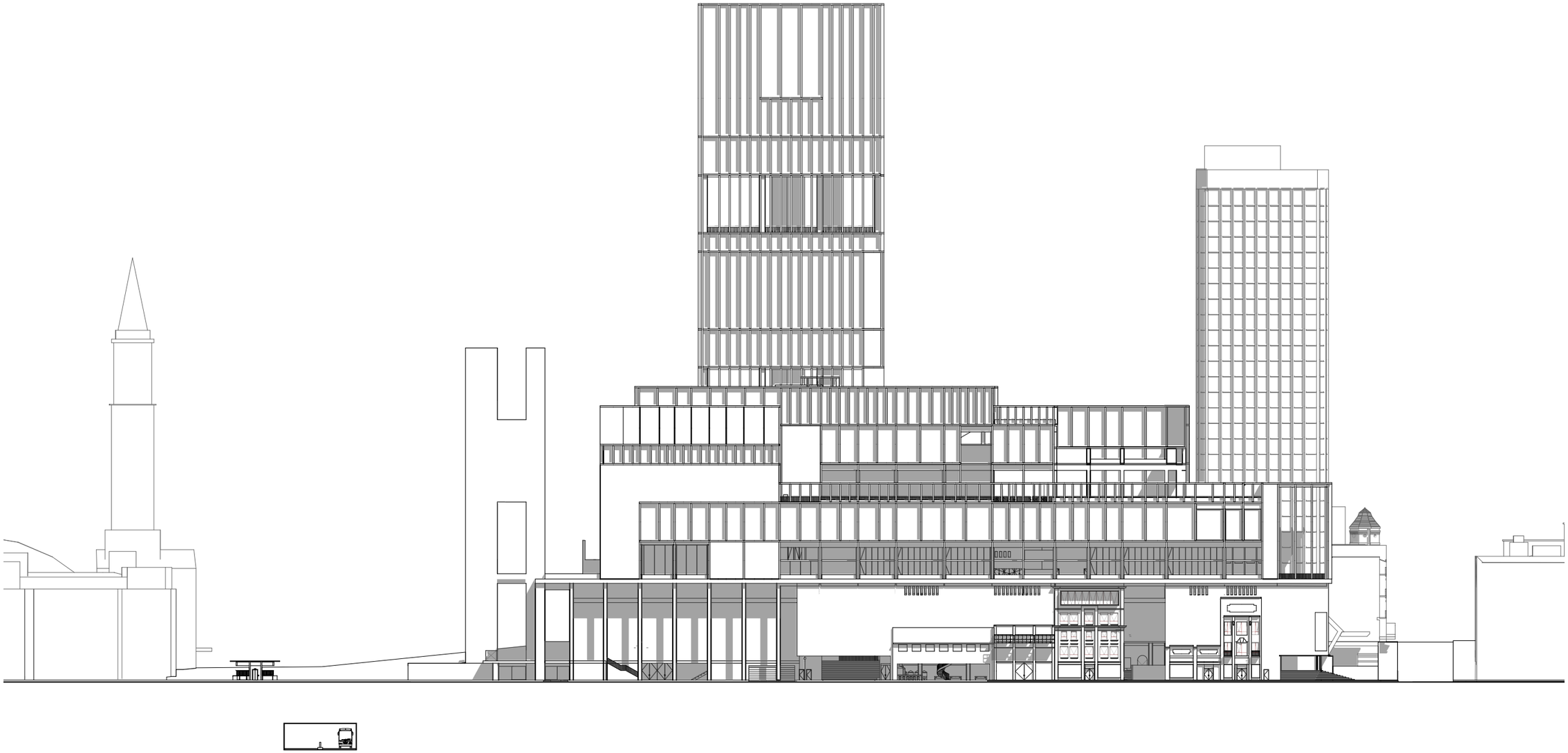
**modular concrete framework**
structural scheme





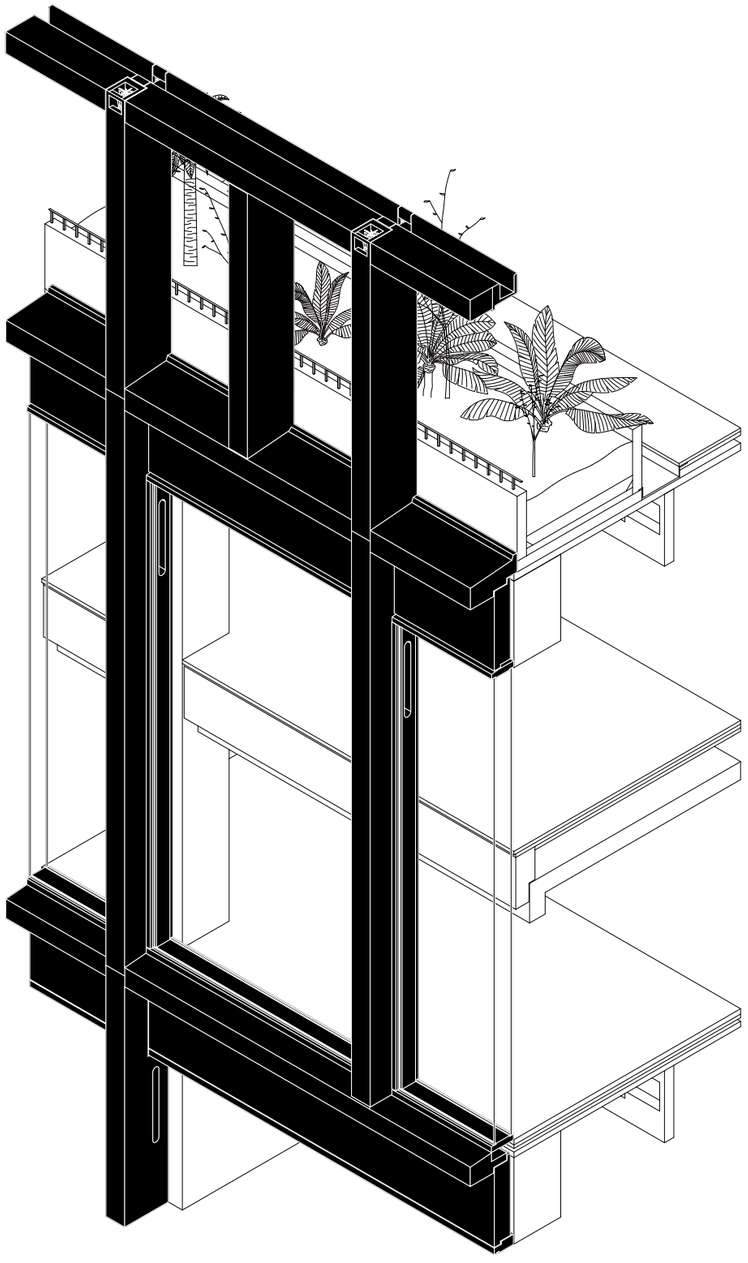
**component floor structure**
structural scheme

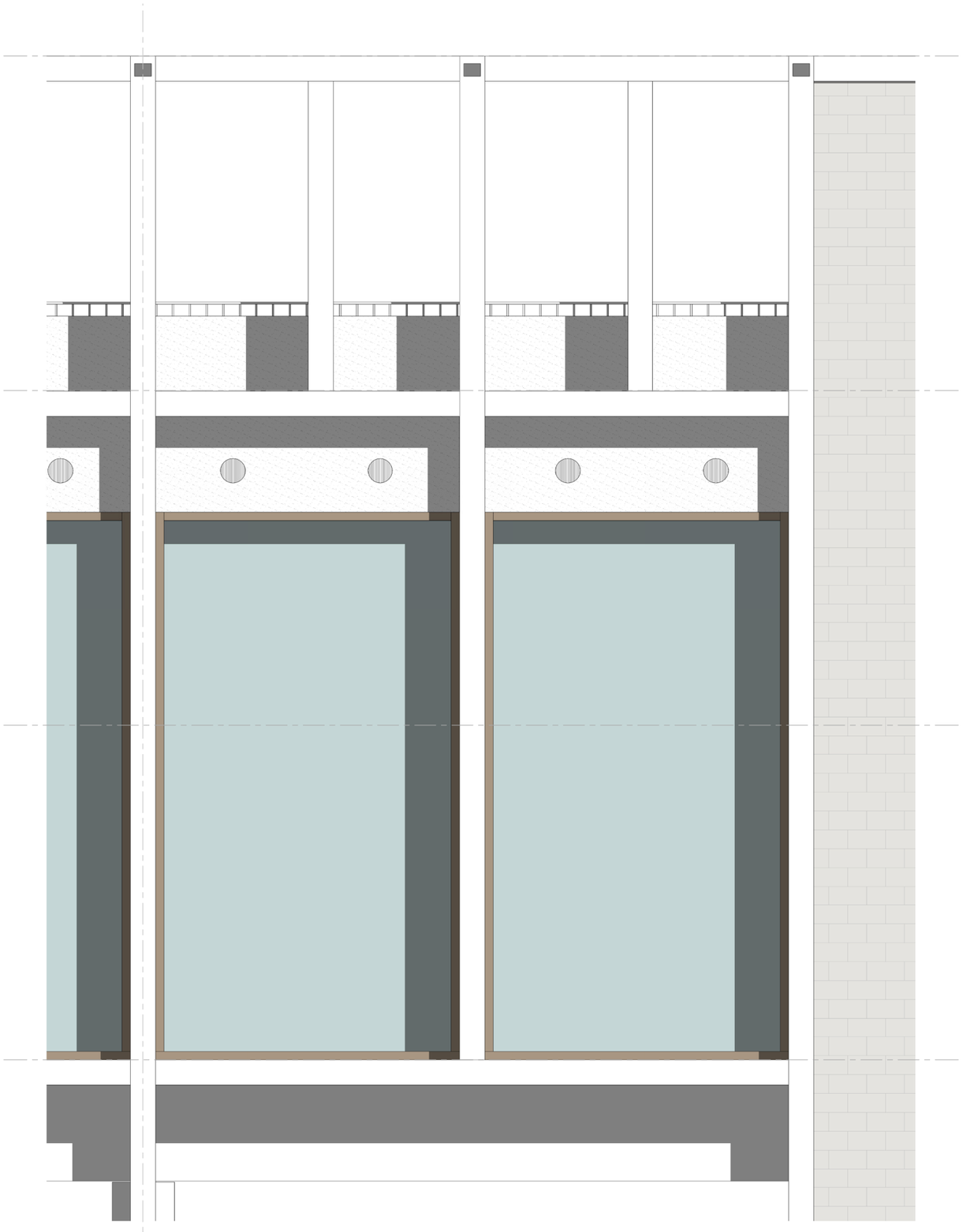
view of gallery space



**adelaide street**
elevation . south

1:200 @ A0

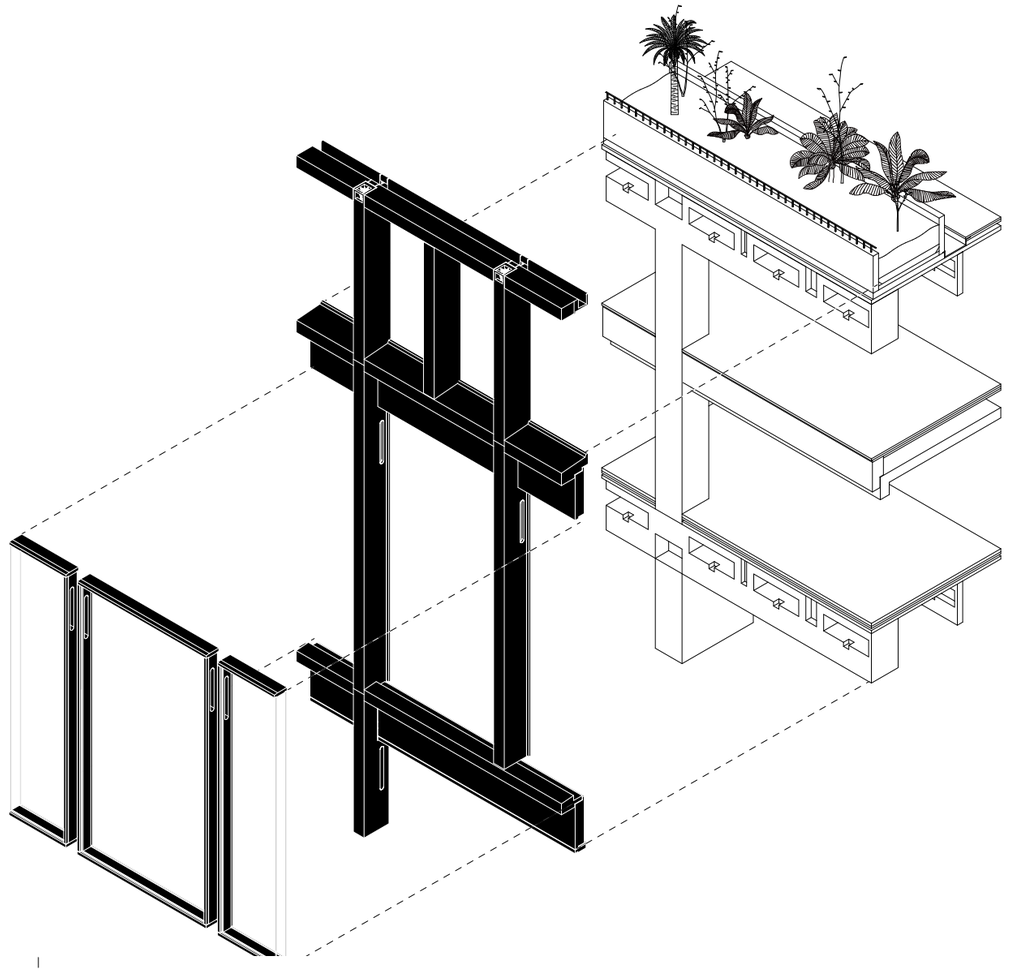


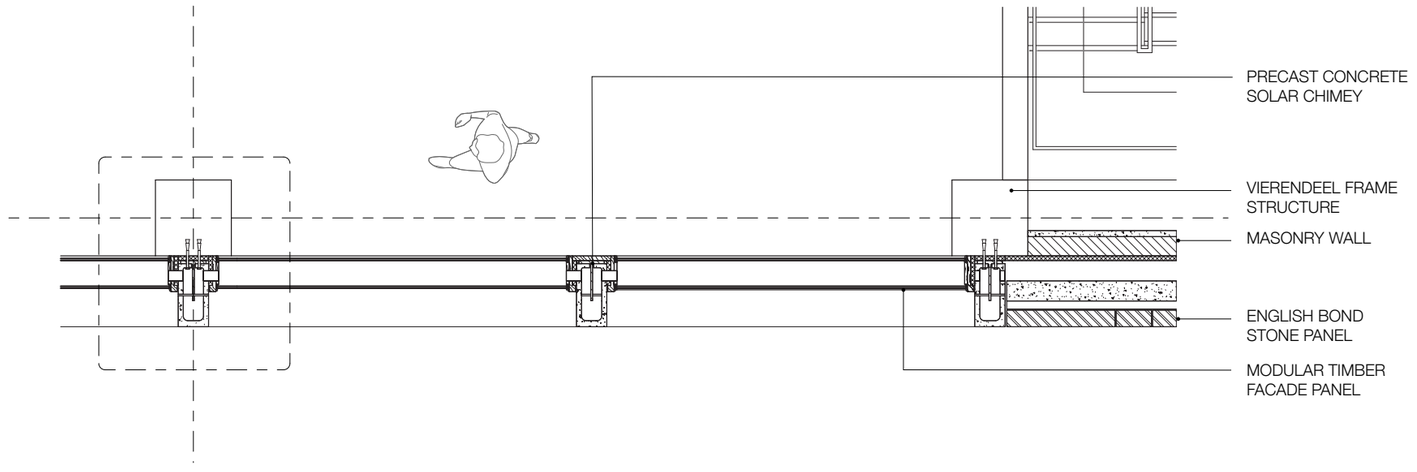


**tectonic legibility**
facade a . elevation

~1:20 @ A0

view of facade b

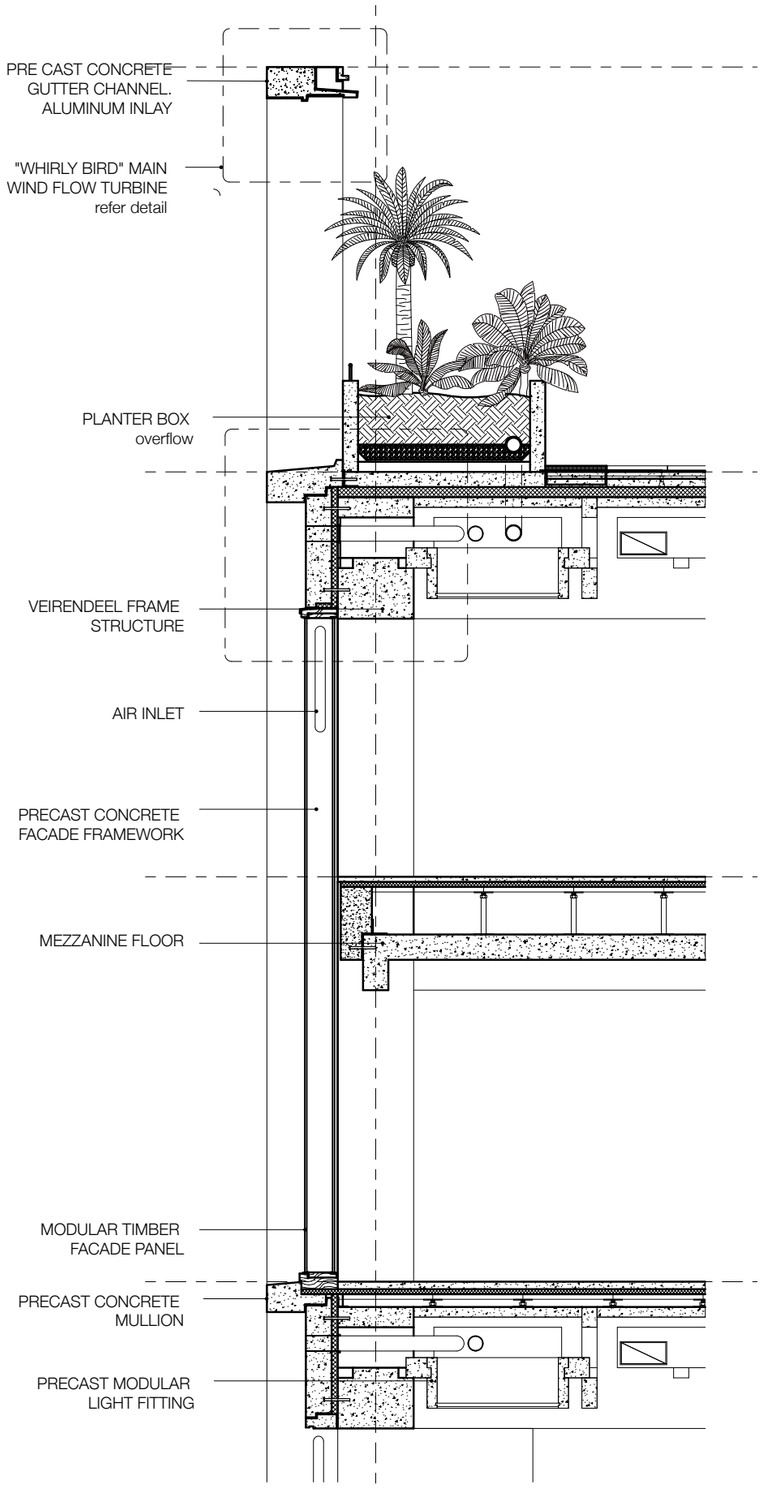


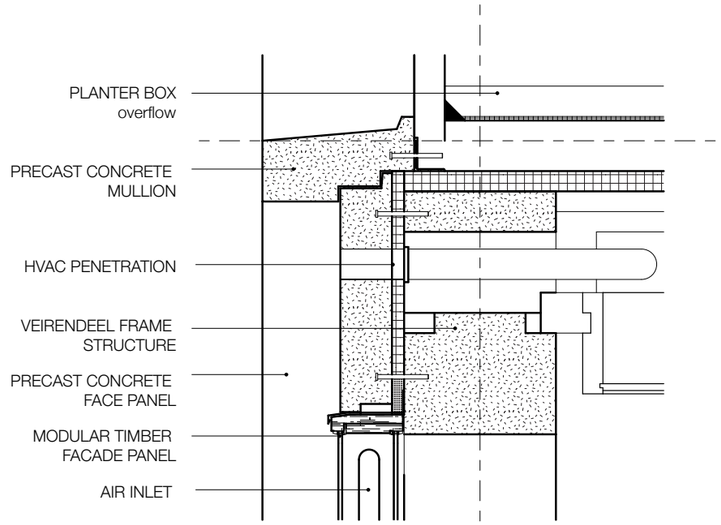


**tectonic legibility**

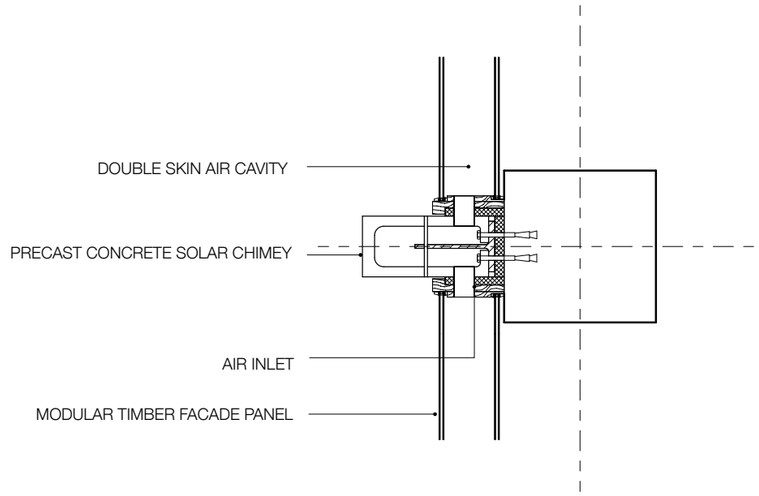
facade a . horizontal section

~1:20 @ A0




1:10 @ A0

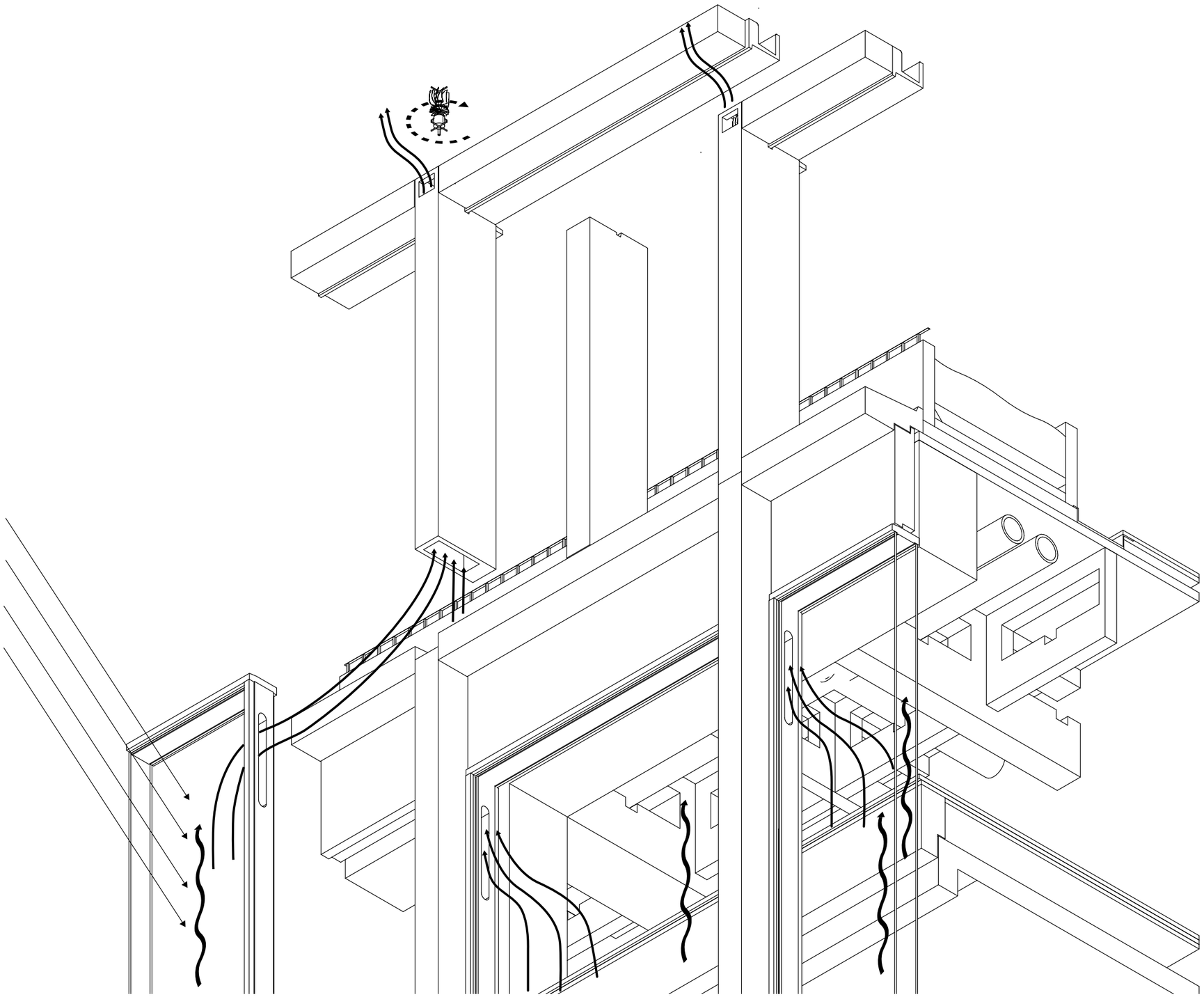



1:10 @ A0

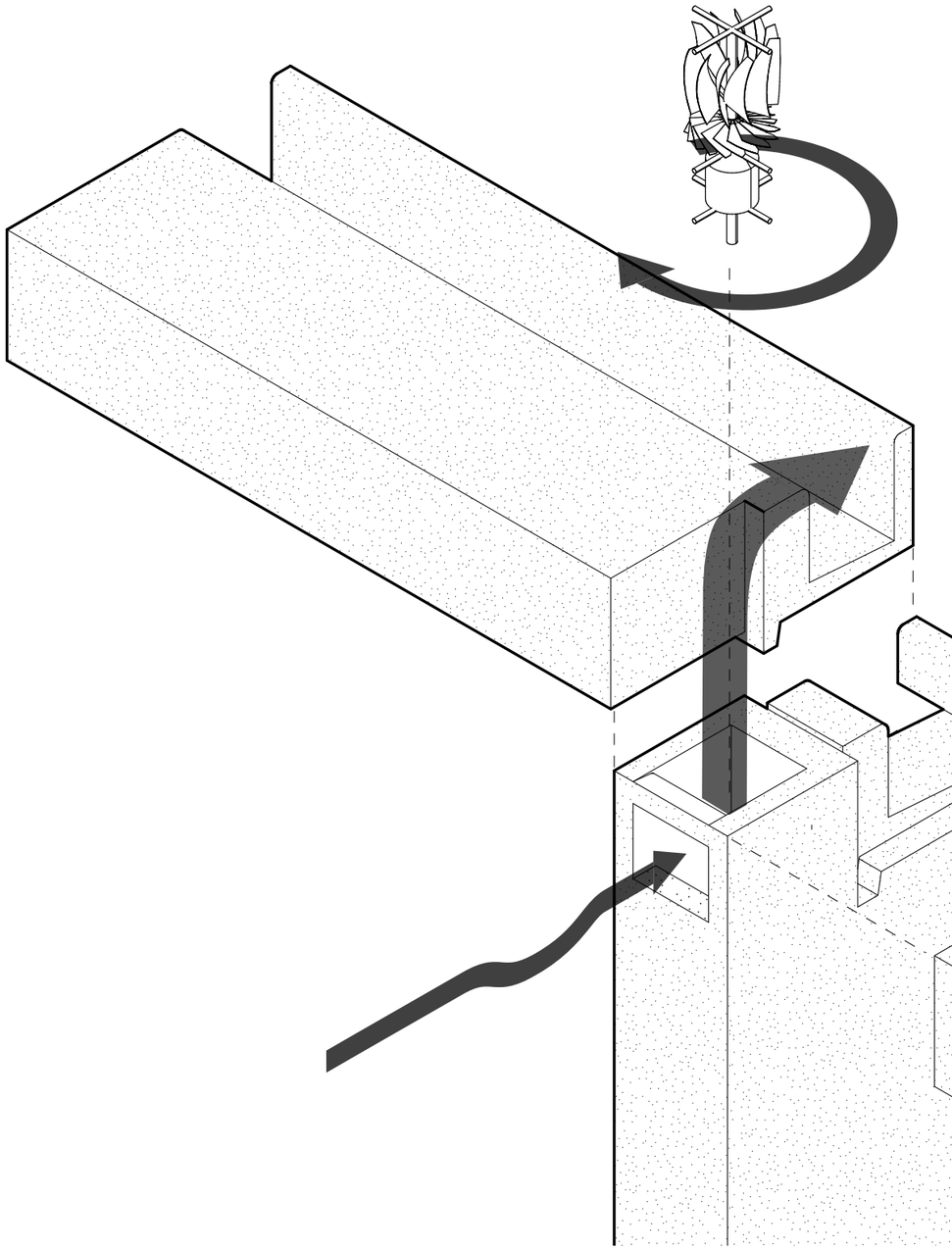
**tectonic legibility**

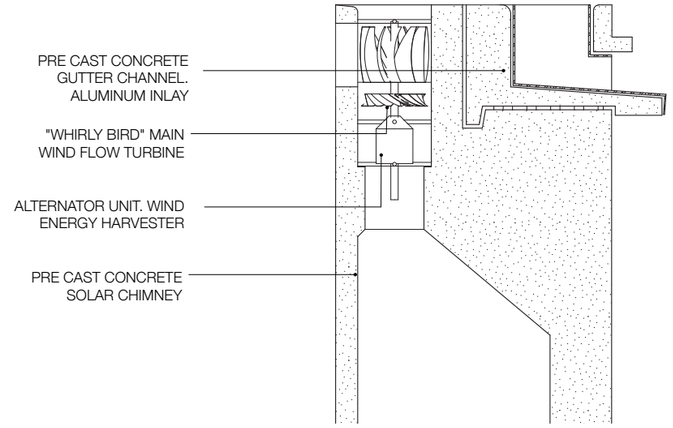
facade a . detail section

~1:20 @ A0



**low tech modular tectonic**
facade a . solar chimney

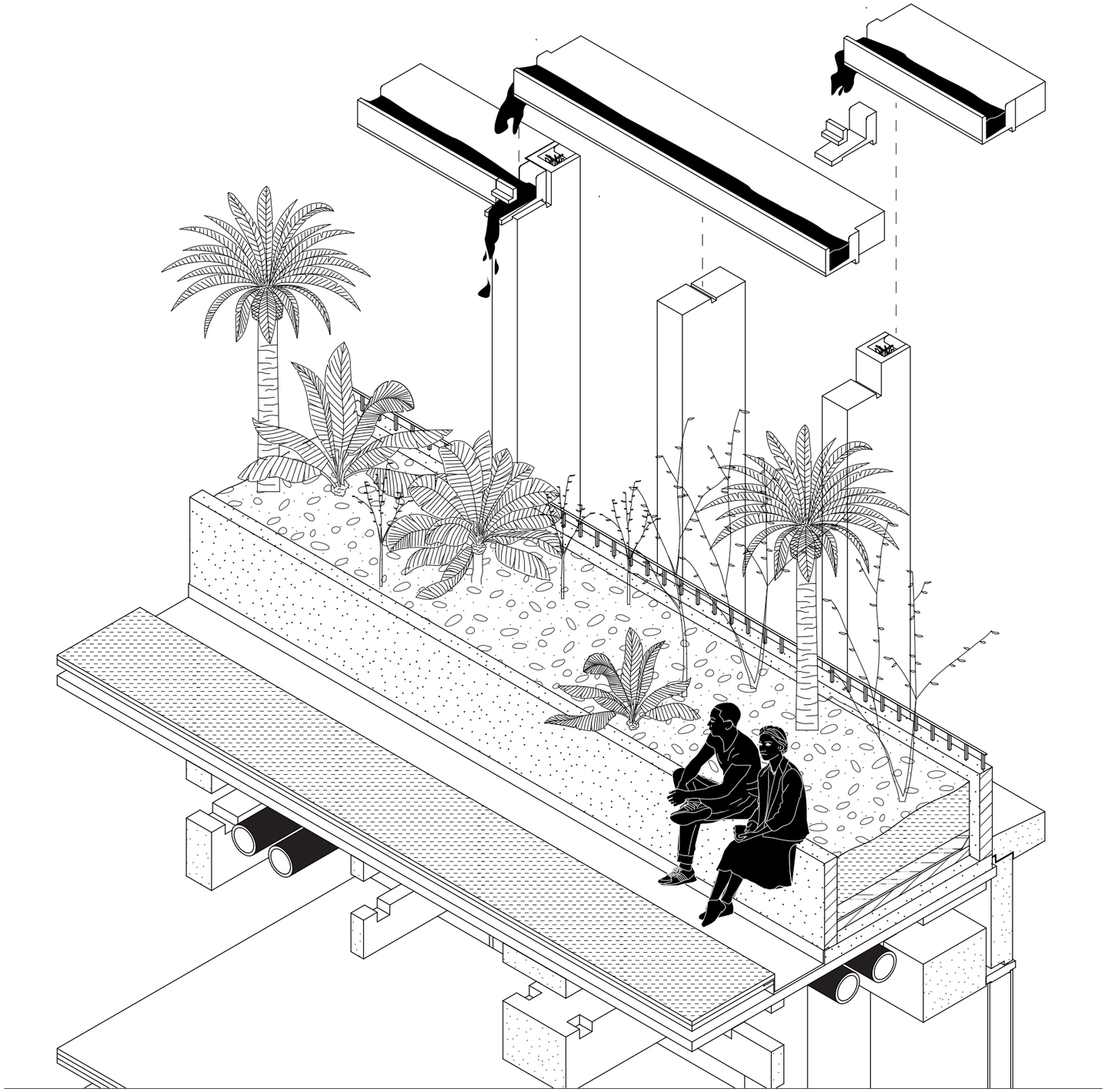




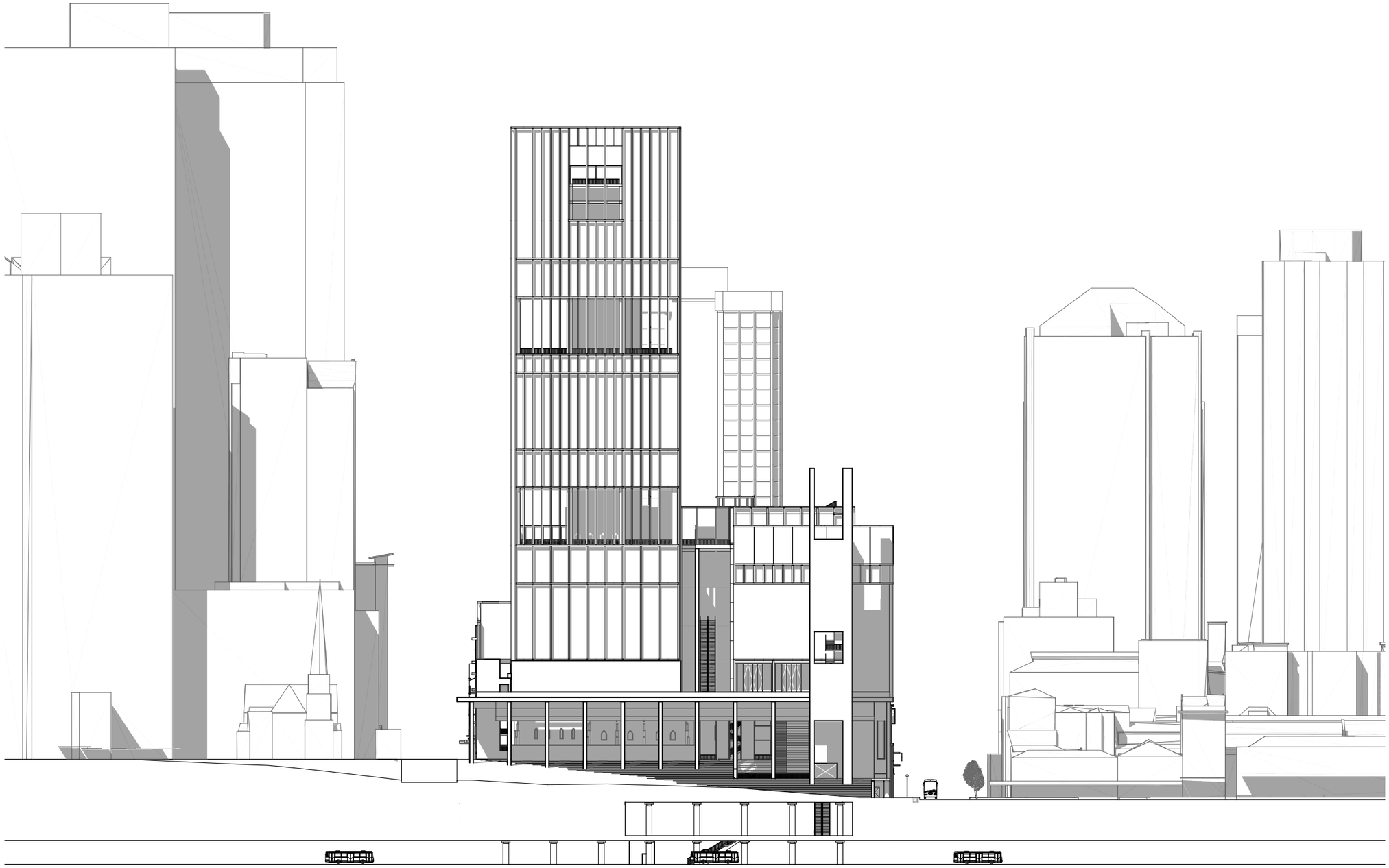

~1:5 @ A0

**whirly bird & water management**

facade a

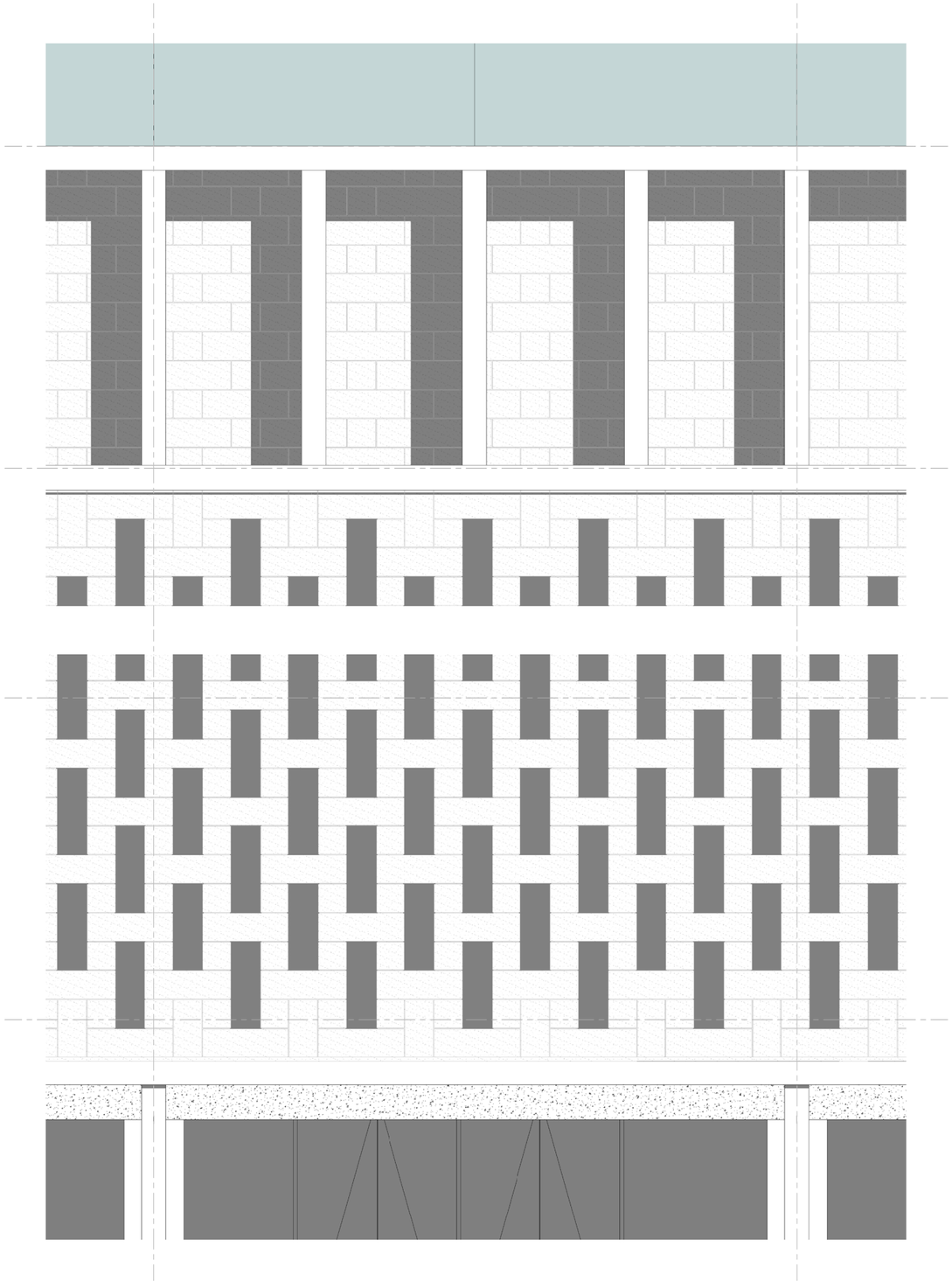


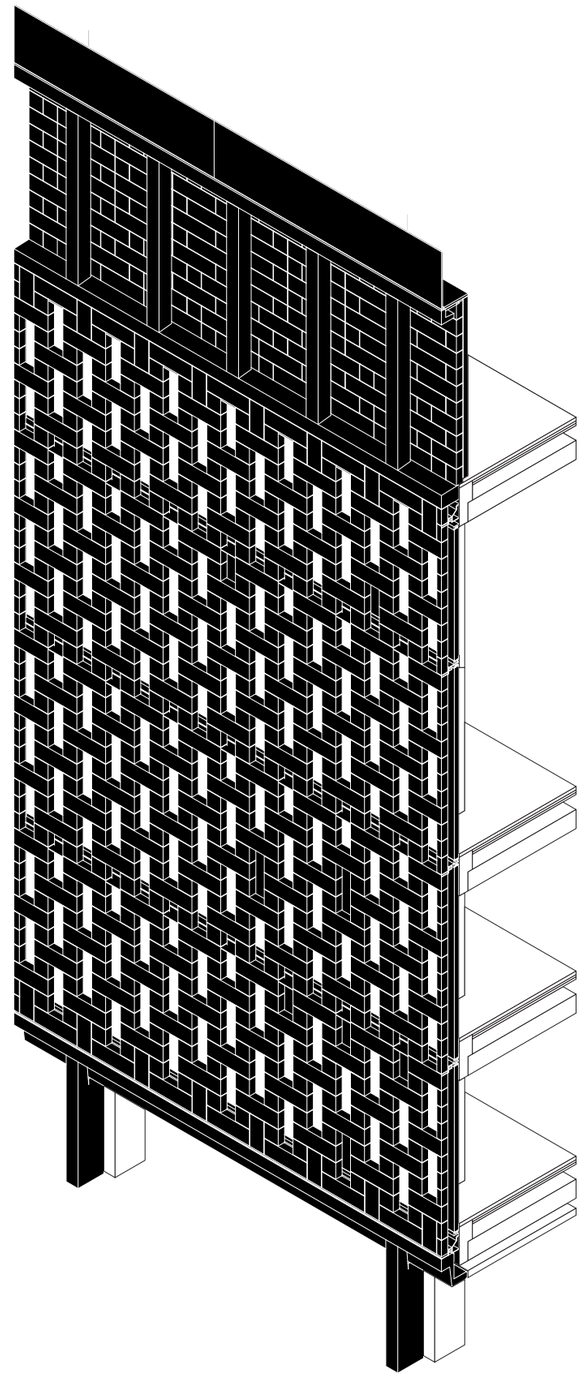
water management



**king george square**
elevation . north

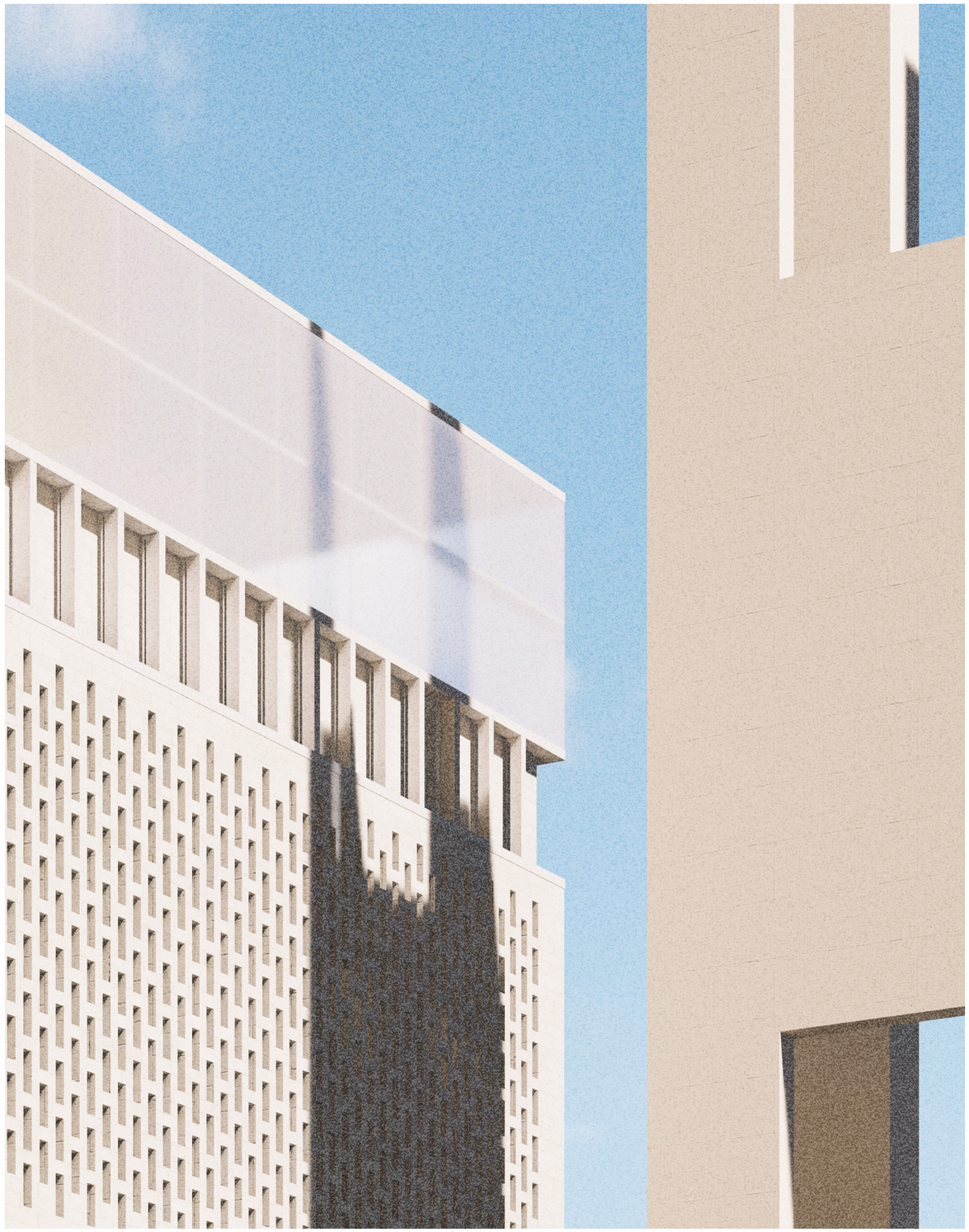
1:200 @ A0



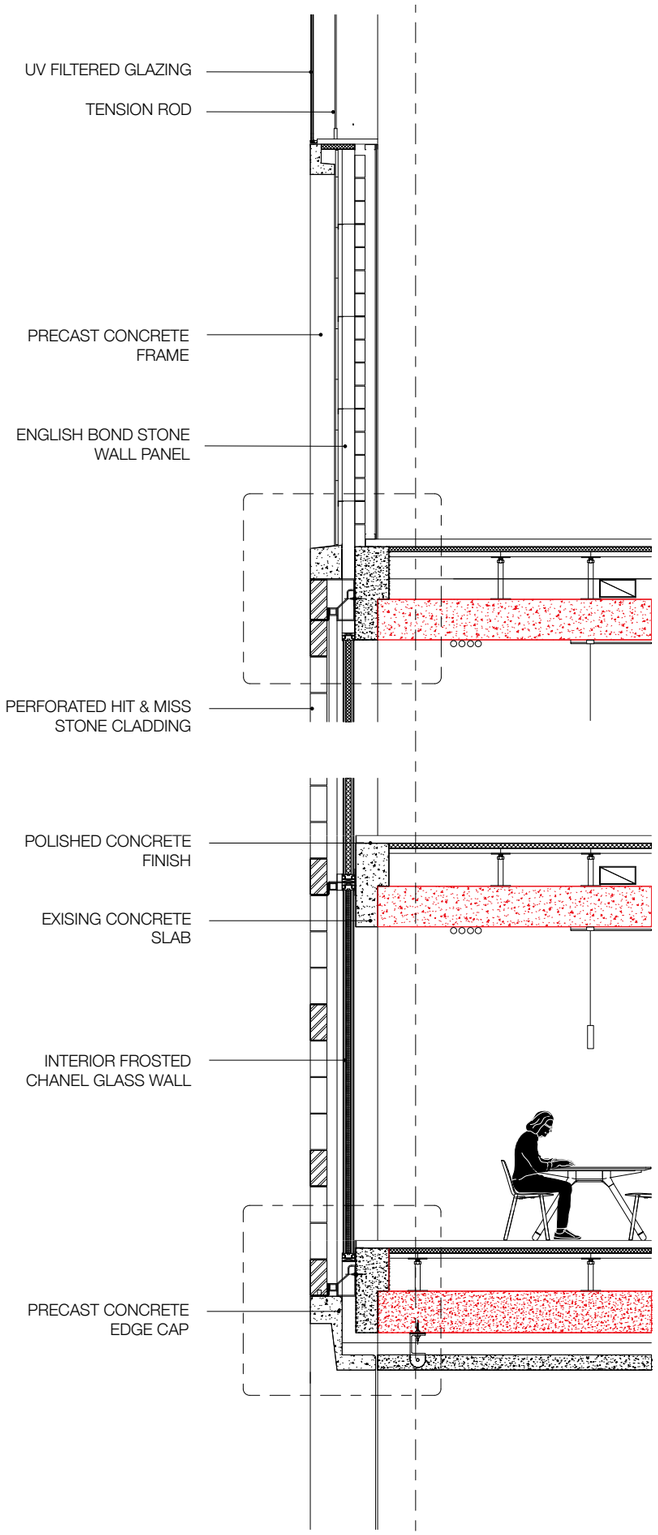


**tectonic legibility**
facade a . elevation

~1:20 @ A0



view of facade a




1:10 @ A0

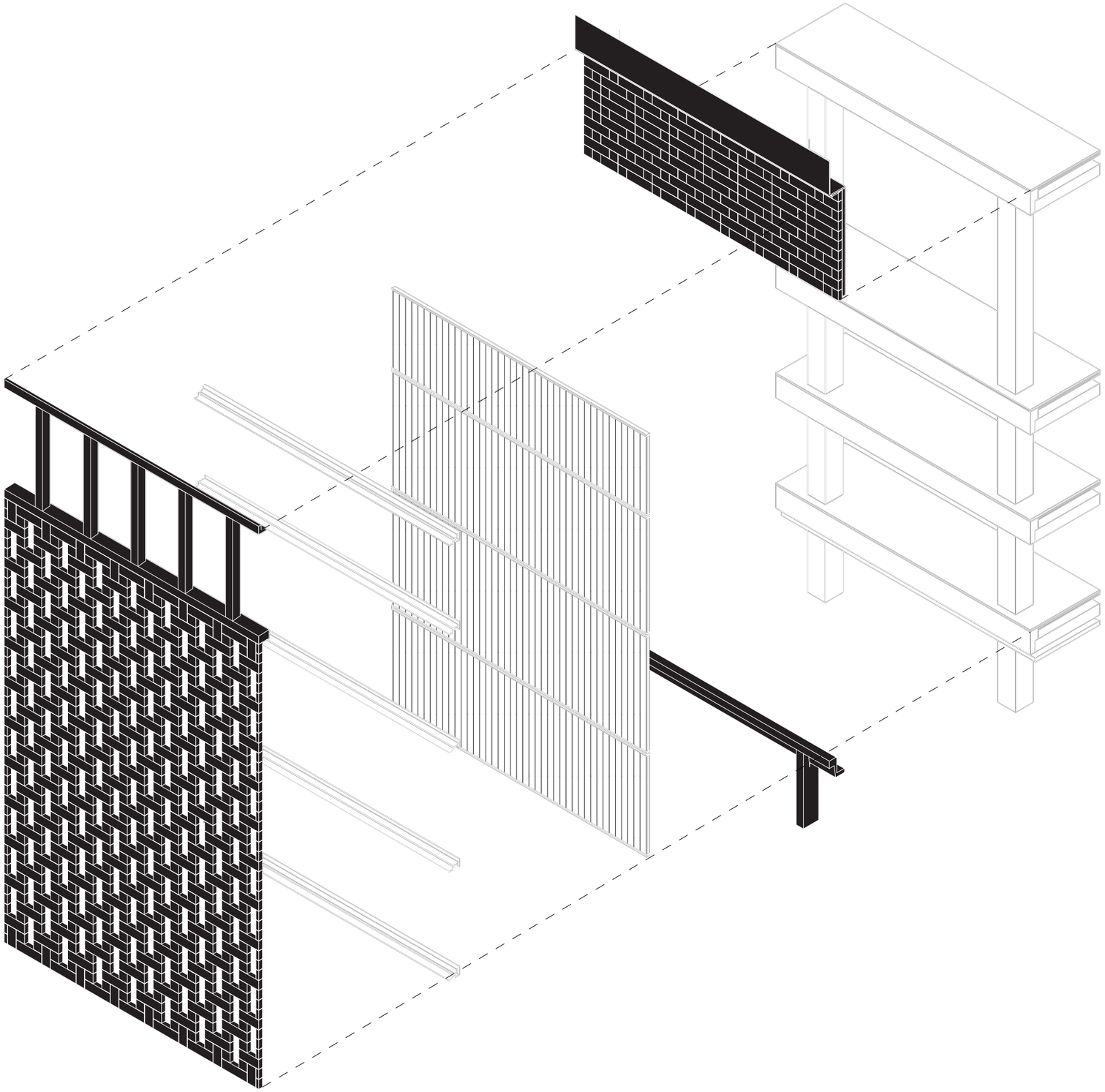
1:10 @ A0

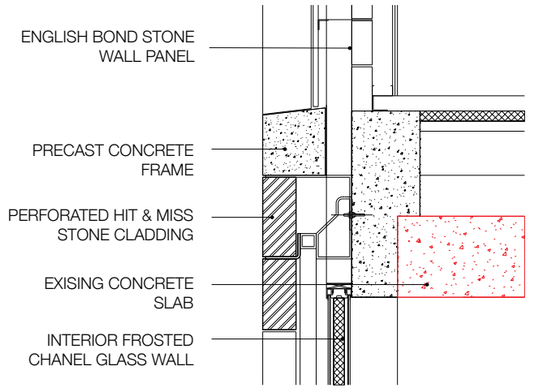
~1:20 @ A0

**tectonic legibility**

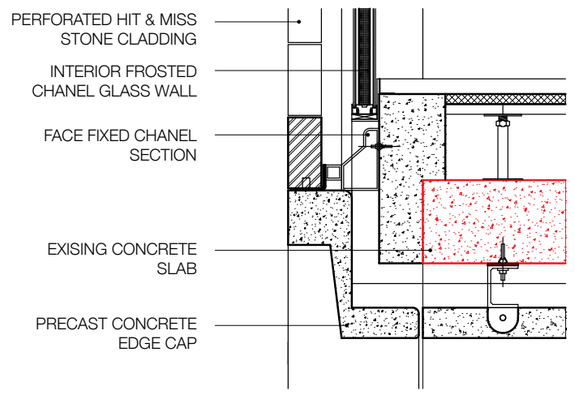
facade b . detail section

view of common library space





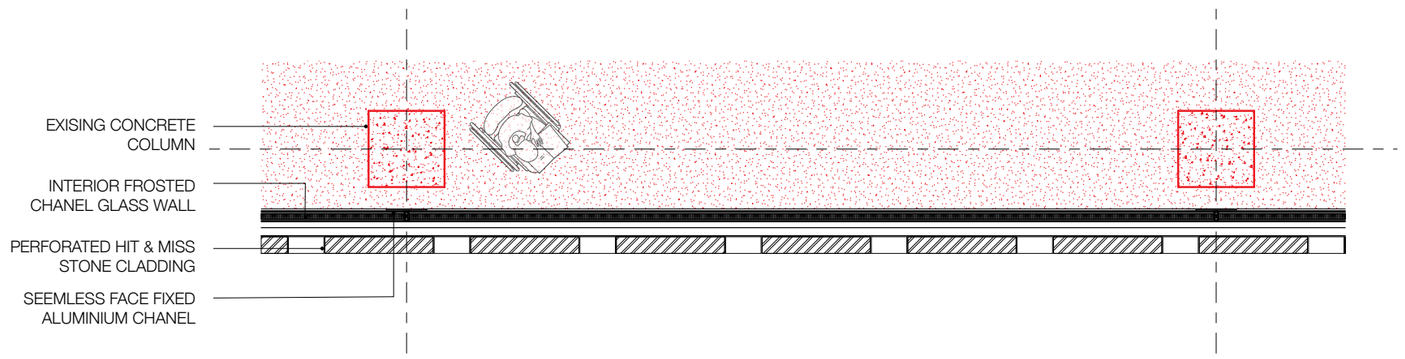

1:10 @ A0




1:10 @ A0

**tectonic legibility**

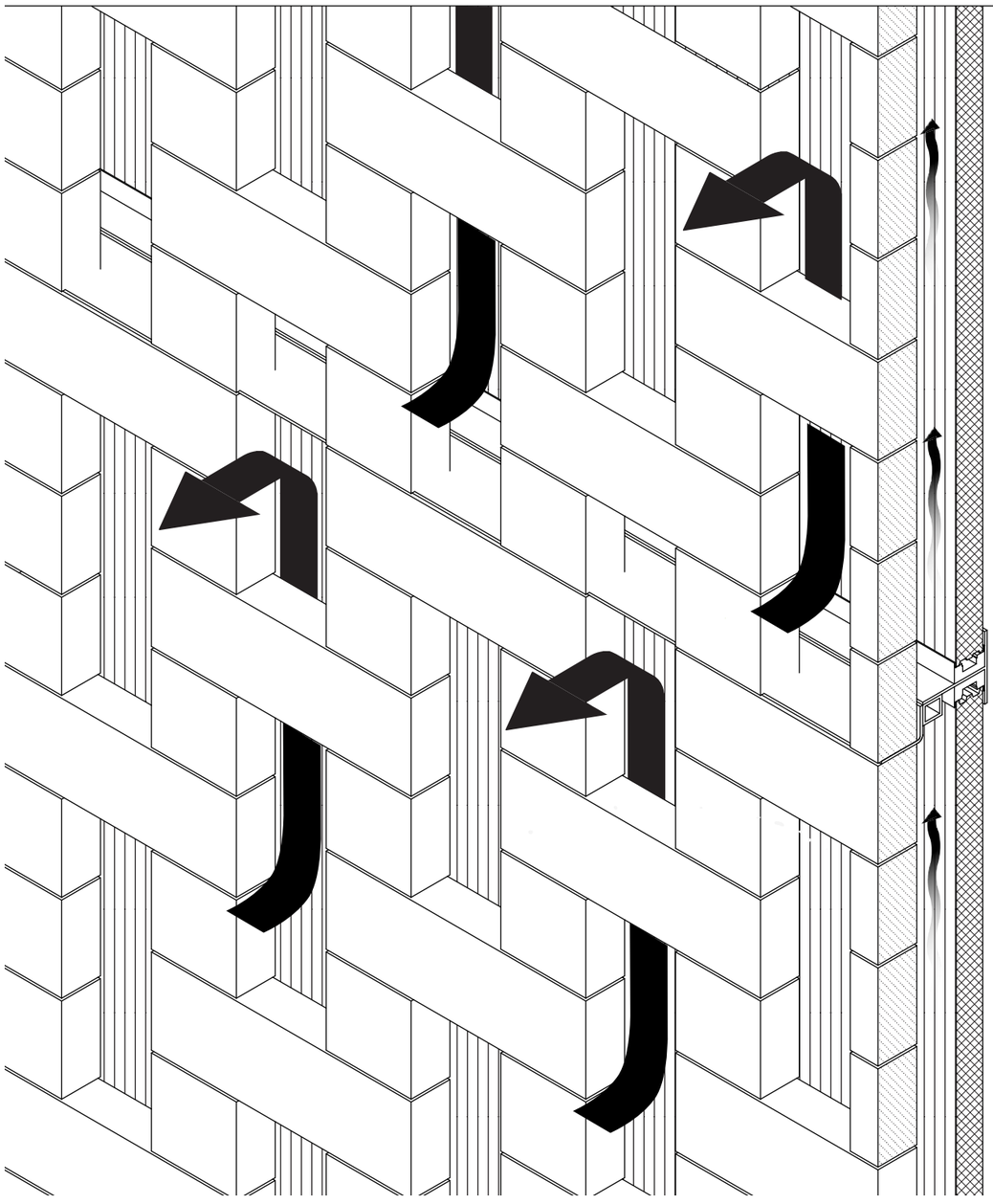
facade b . exploded



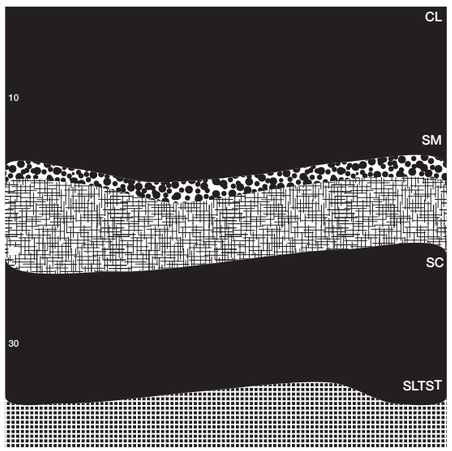

**tectonic legibility**

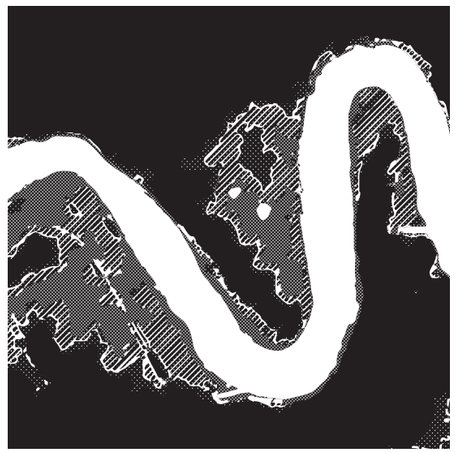
facade b . horizontal section

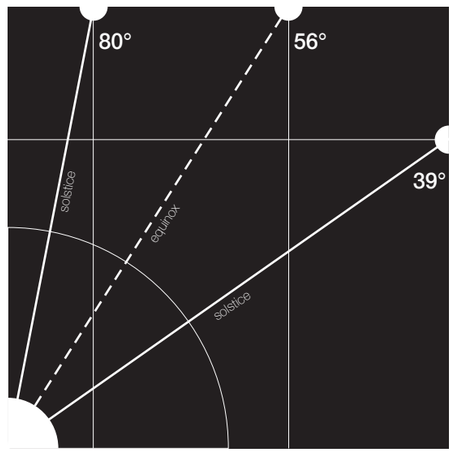
~1:20 @ A0

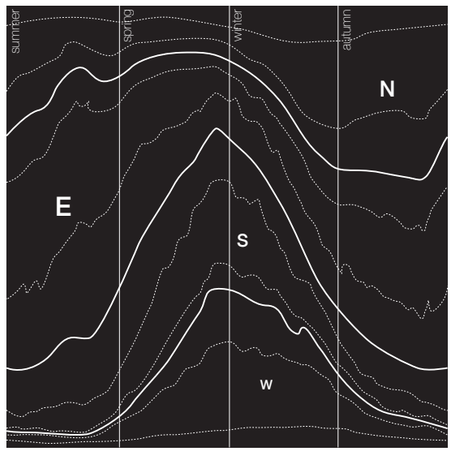


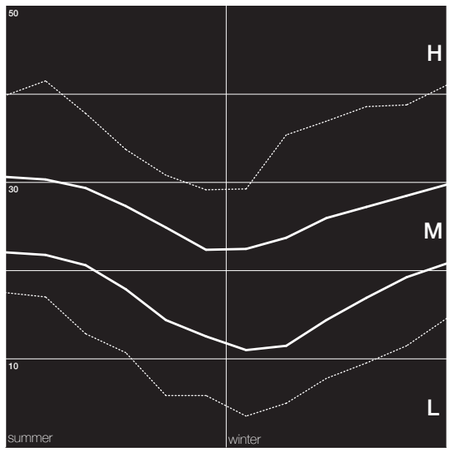
**low tech modular tectonic**
facade b . breathable skin

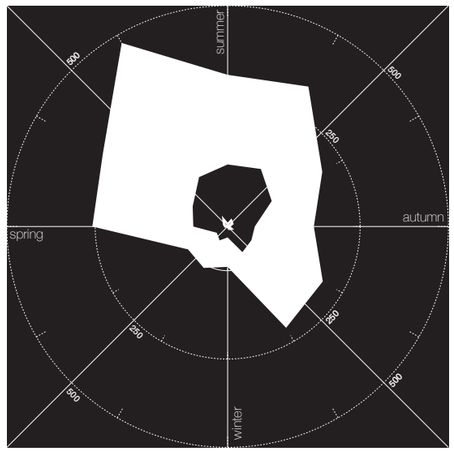


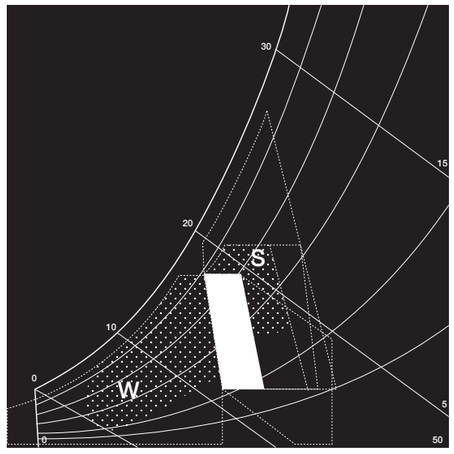





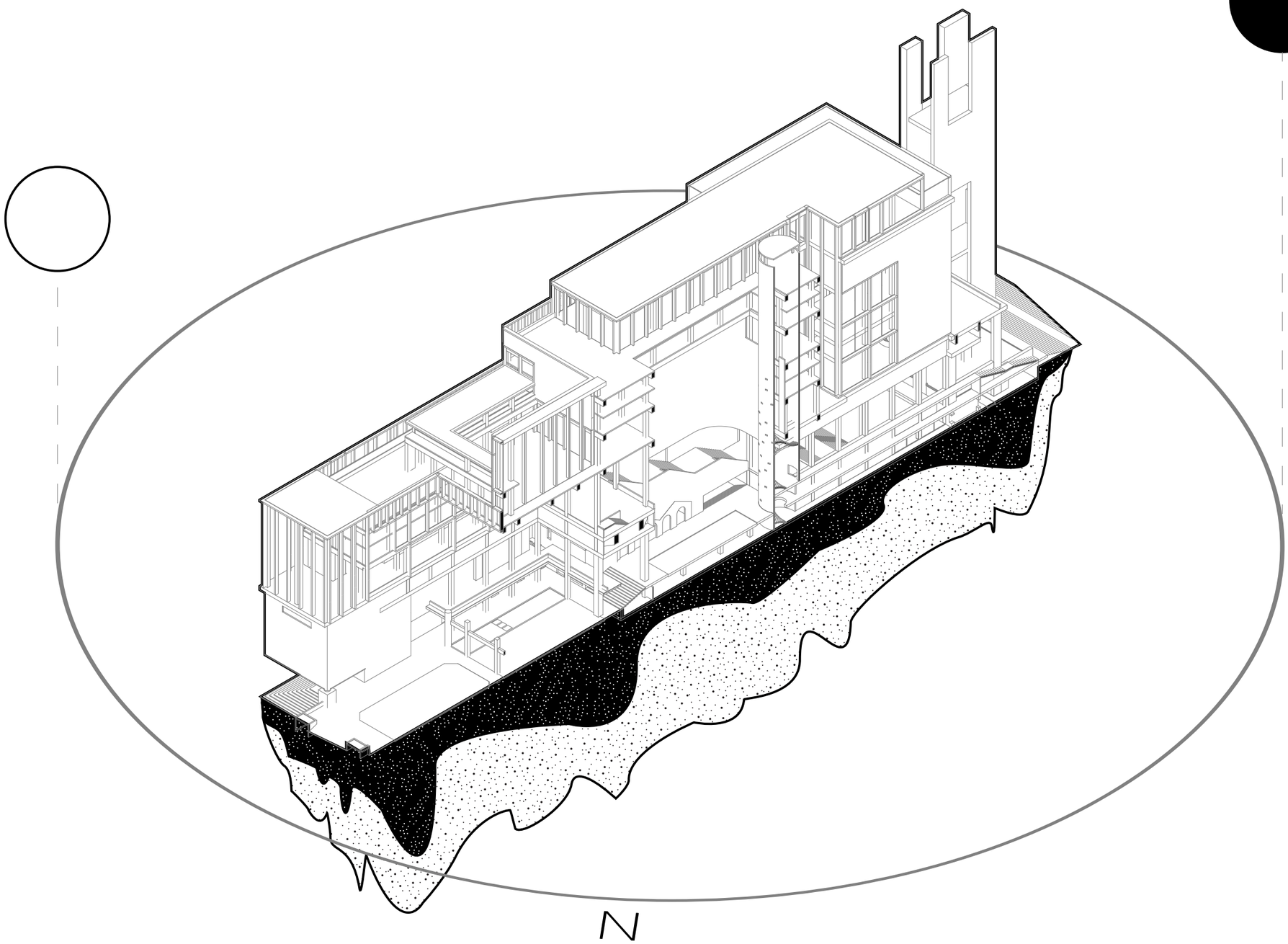




**sub-tropical climate design**

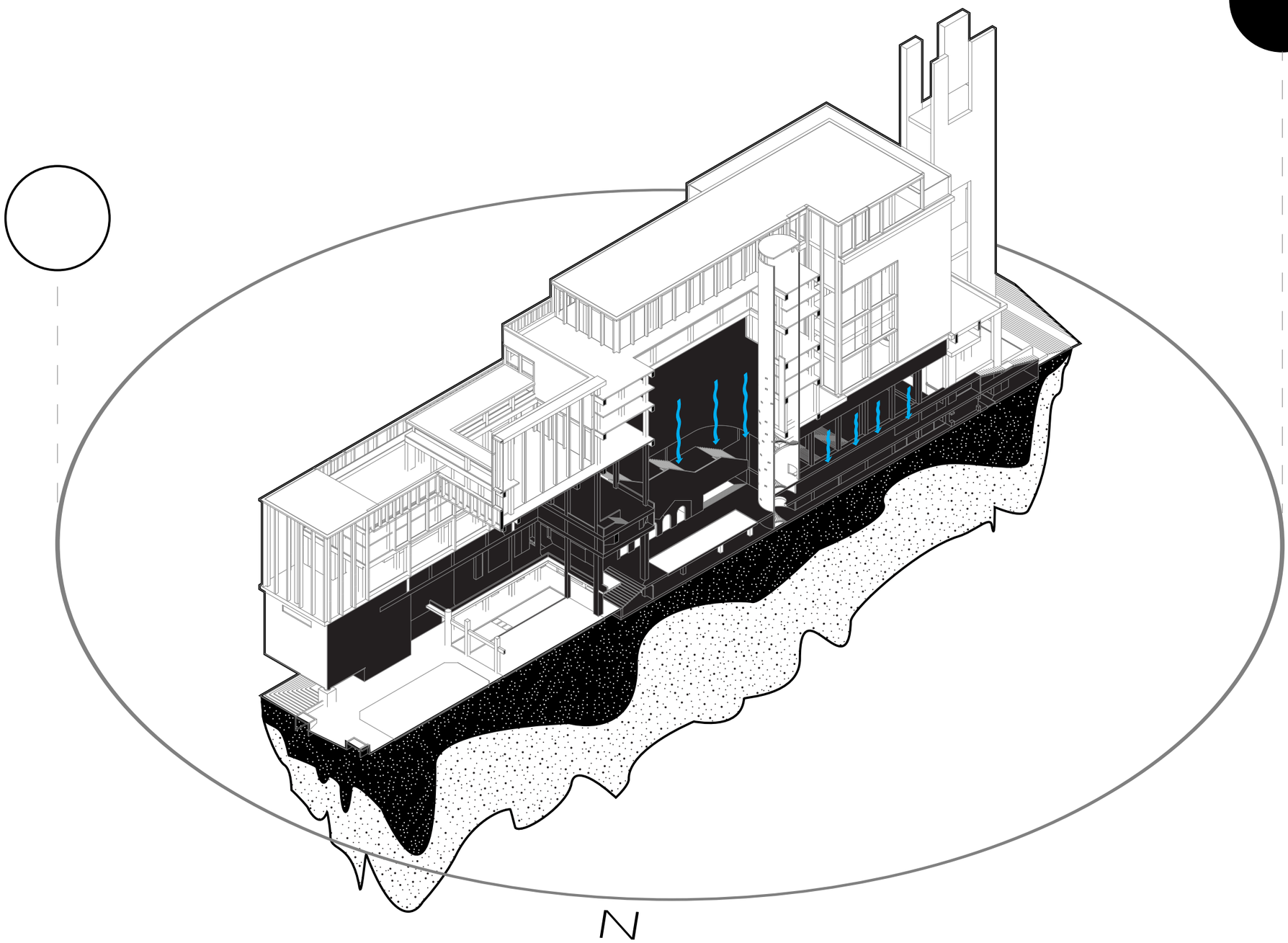
climate concept



N

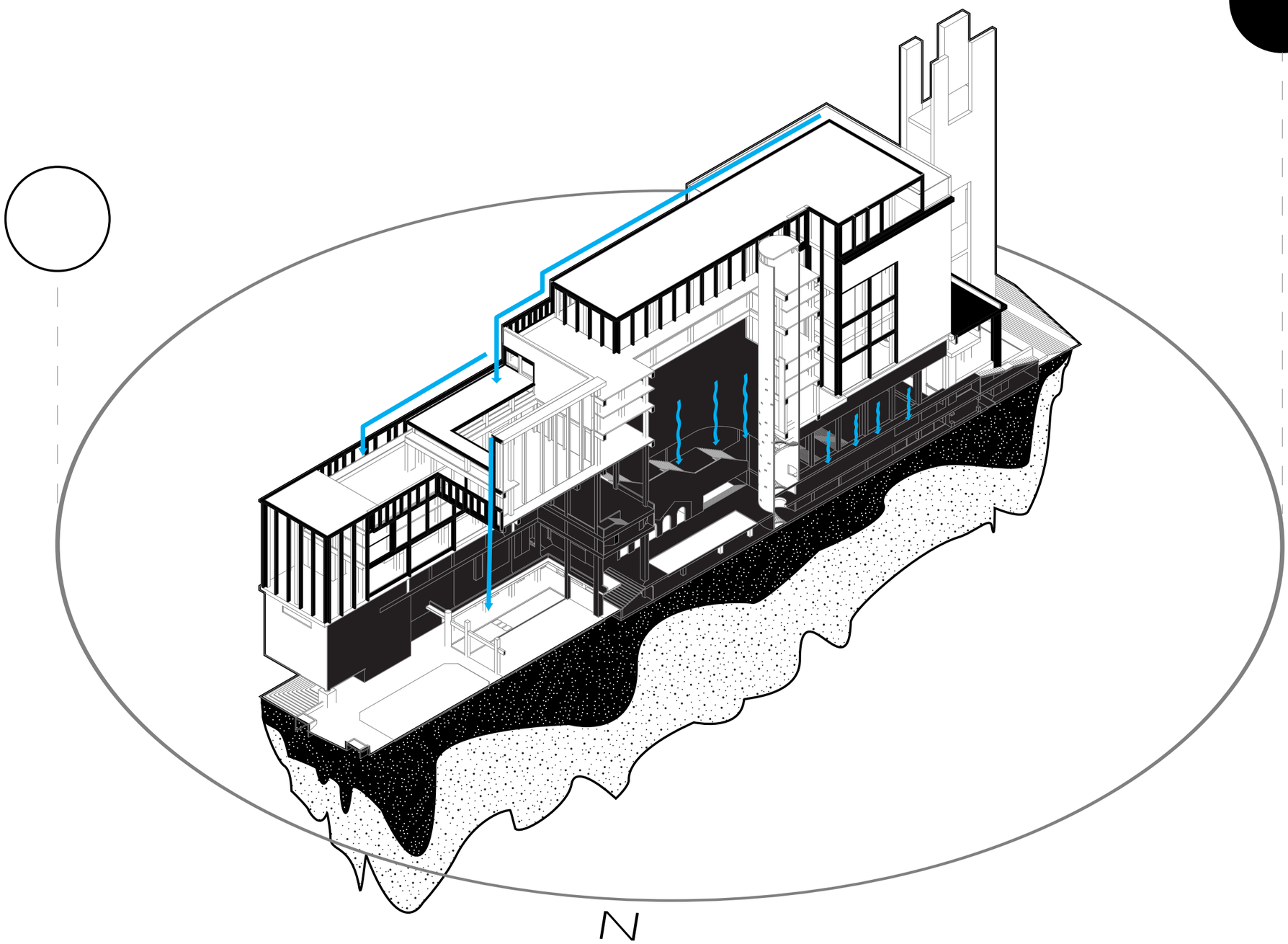
**open vs closed facade**

facade b . breathable skin



N

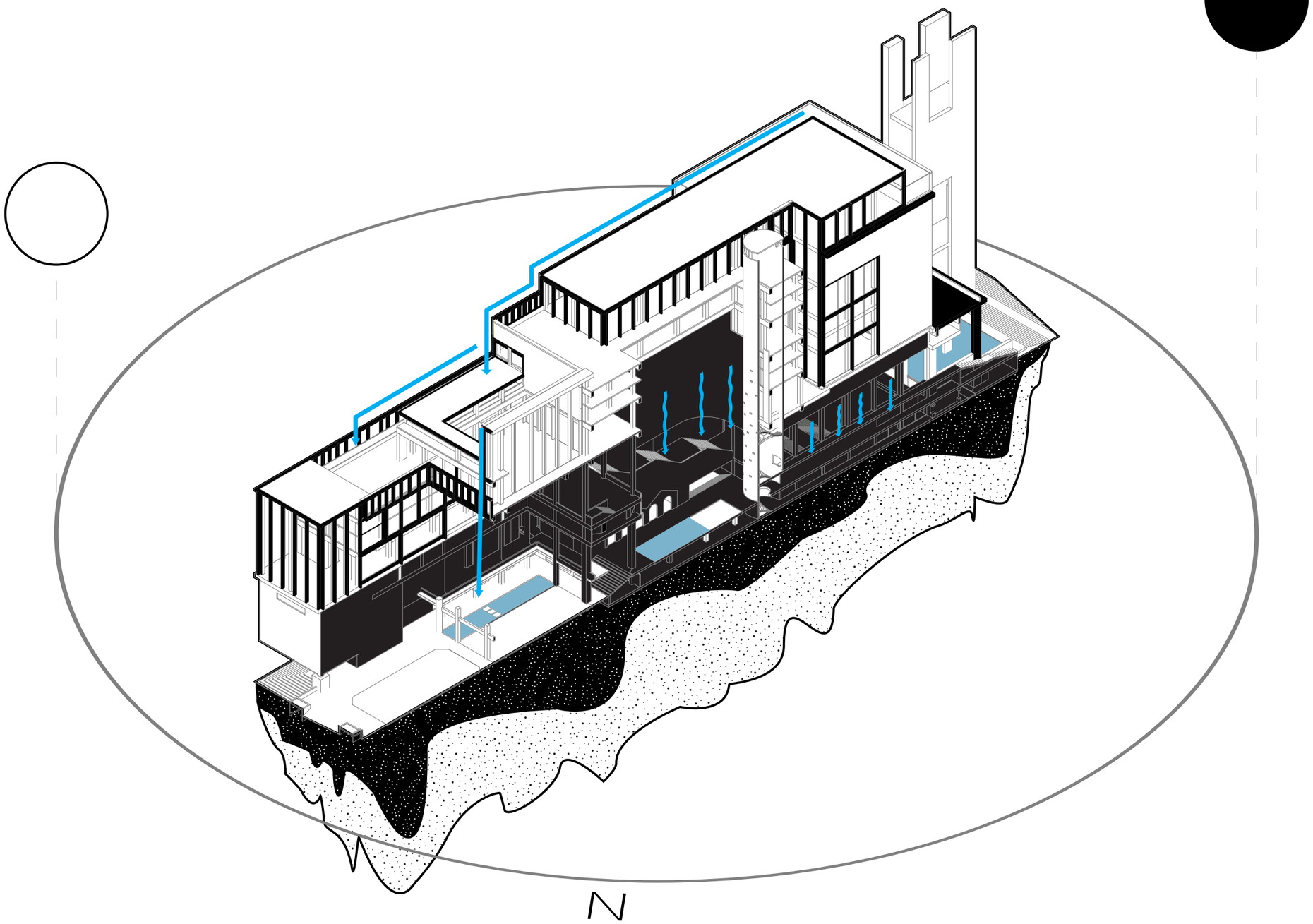
**shaded mass**
climate concept



N

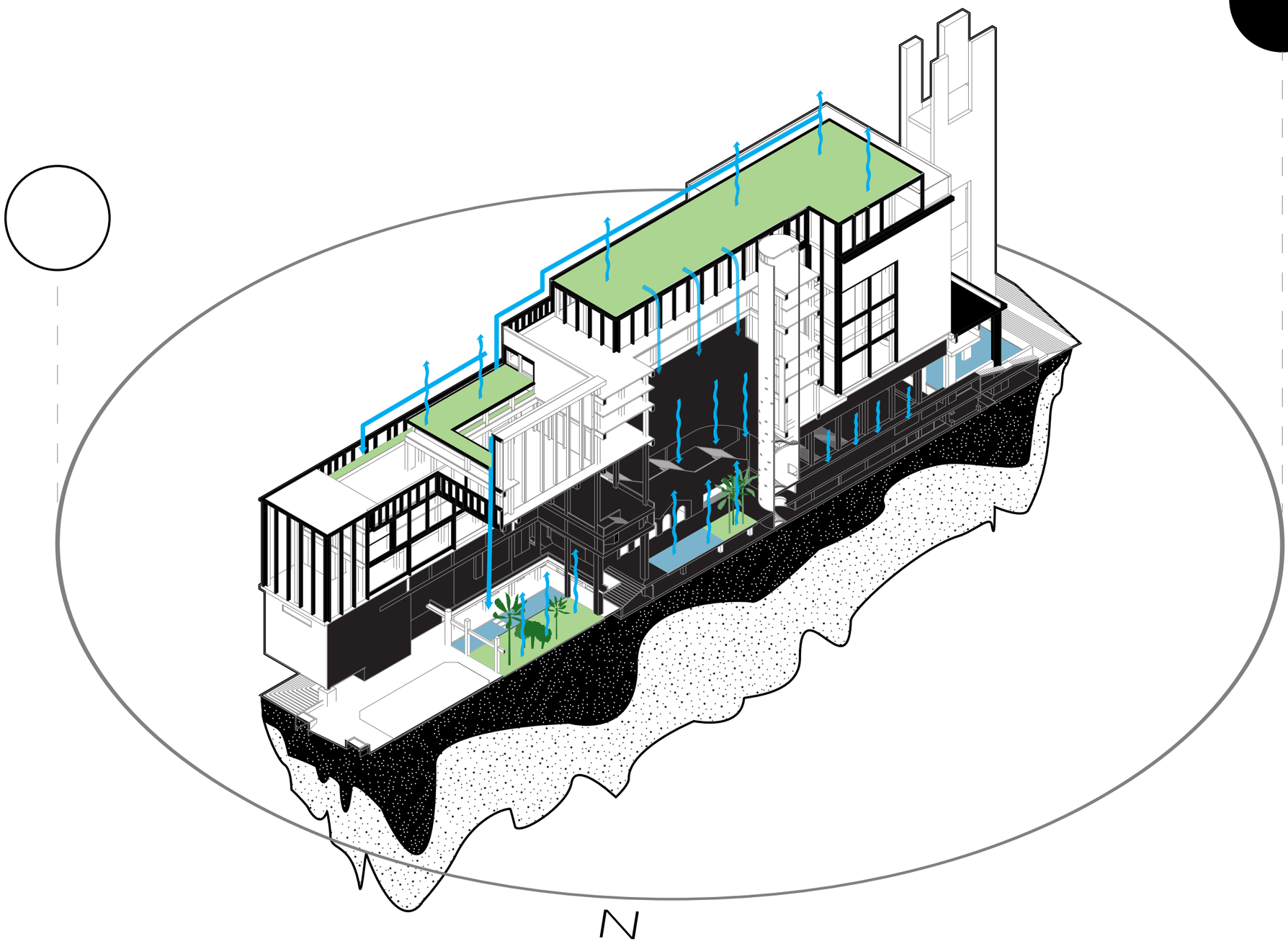
**water management**

facade b . breathable skin



N

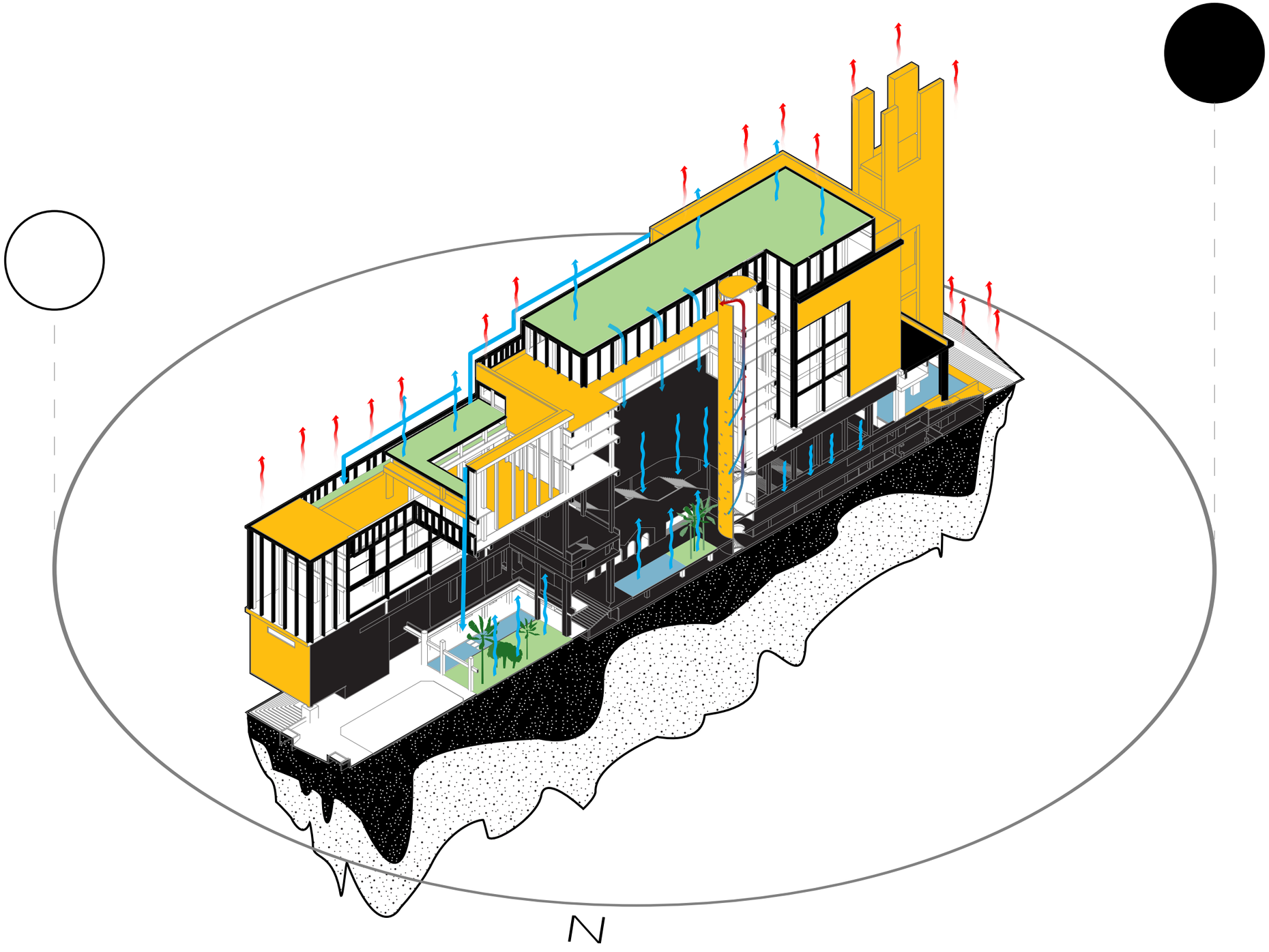
**evaporative cooling**
climate concept



N

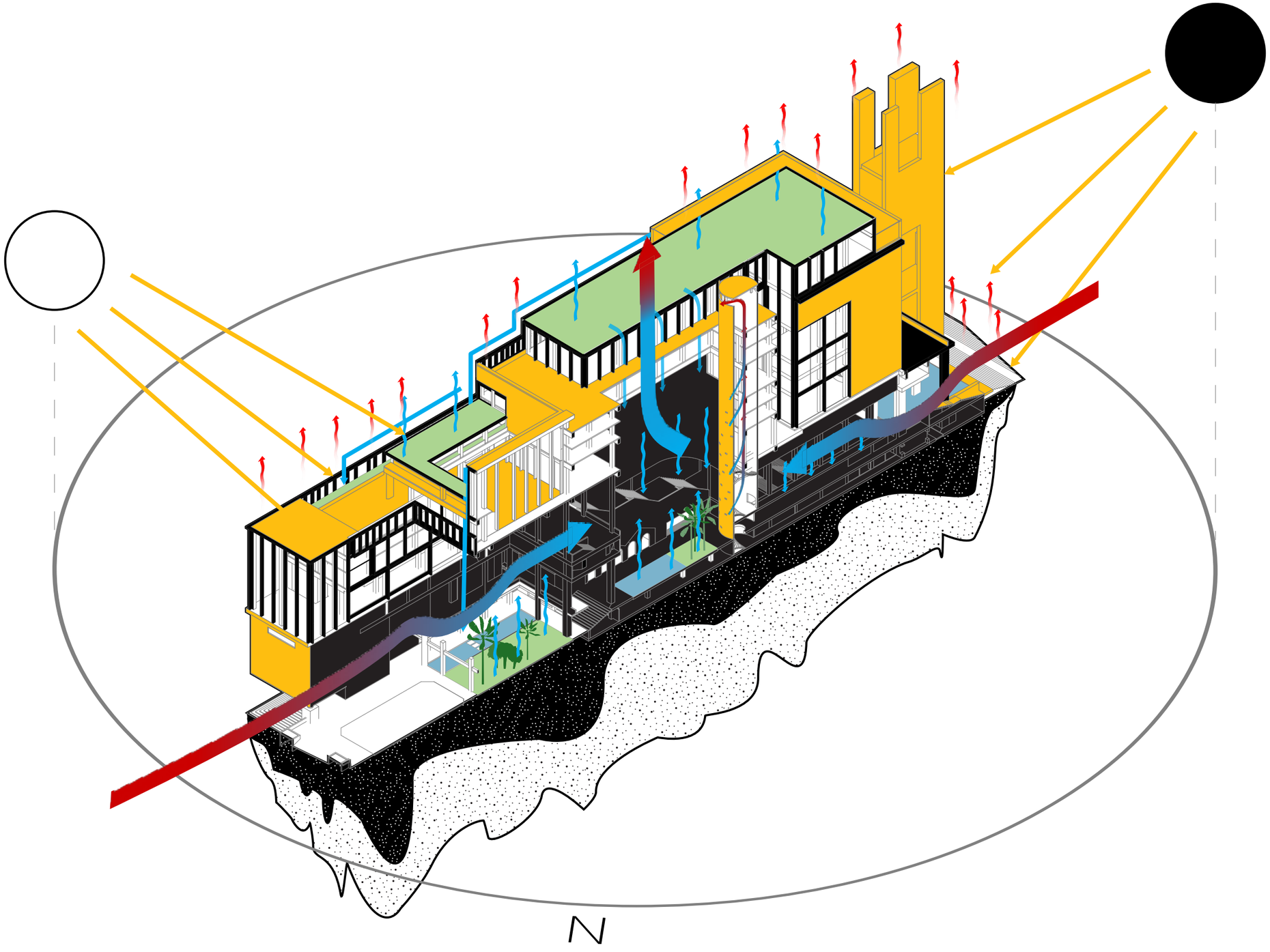
**biomass**

facade b . breathable skin



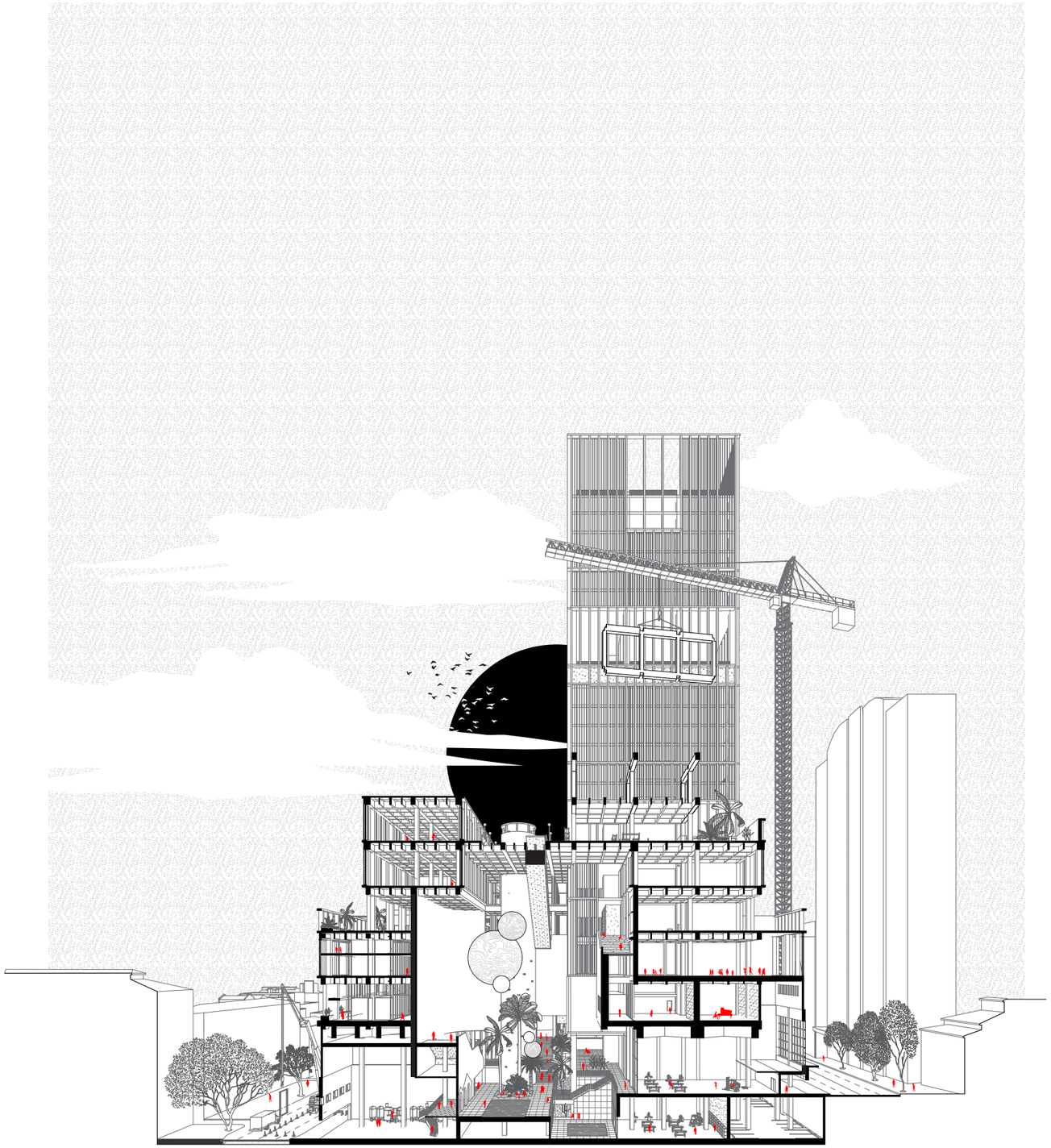
N

**thermal mass**
climate concept




**micro-climate**

facade b . breathable skin



section perspective

~1:200 @ A0

view of entry forum

*"The origin of architecture is not the primitive hut, but the marking of ground, to establish a cosmic order around the surrounding chaos of nature."*

**- Pierre Vittorio Aurelli**

*"Now we have made a new nature - this technological urbanized region which is the new chaos - but as architects and urbanists we still have the same task."*

**- Kenneth Frampton**

thank you