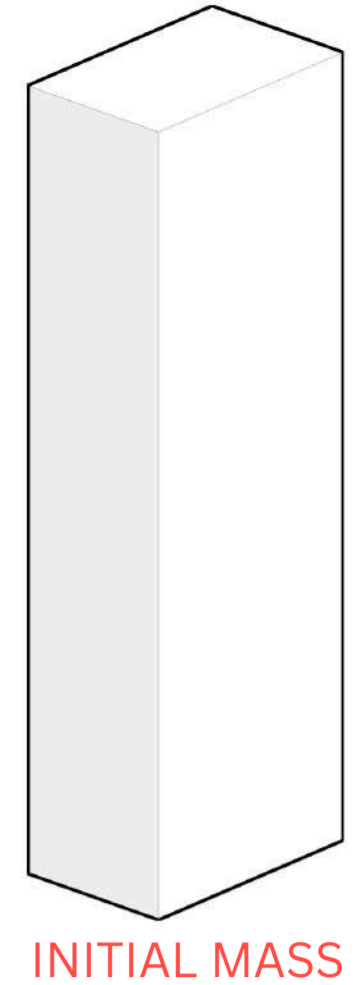
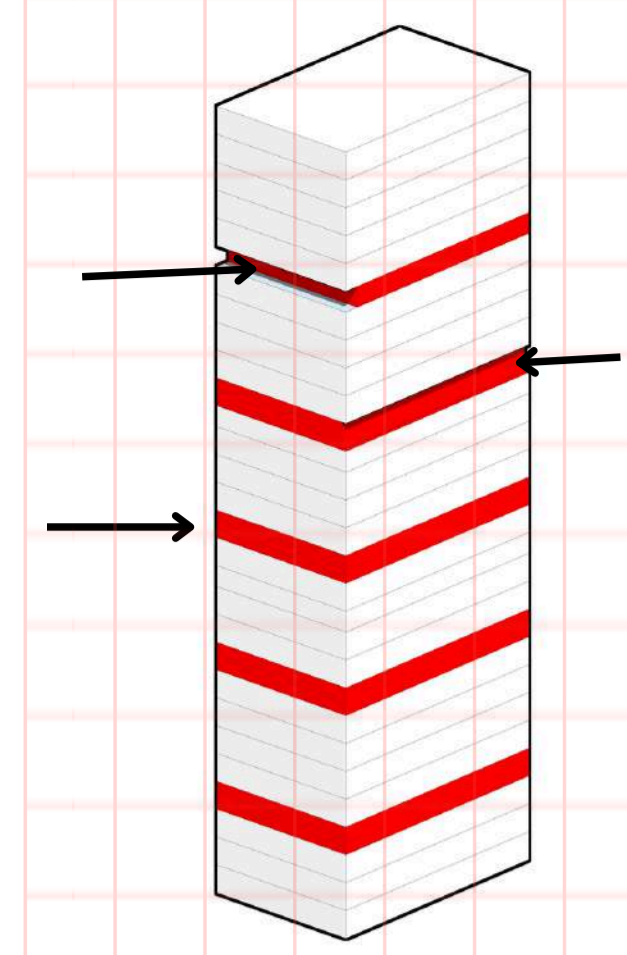


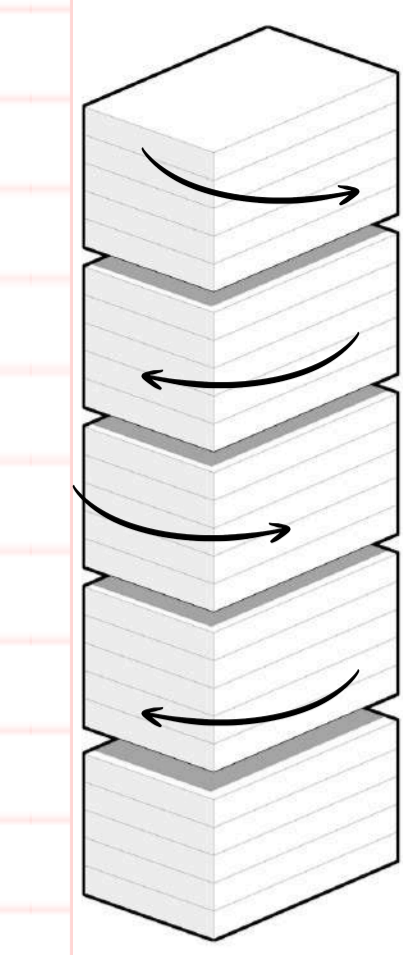
INTER TOWER



INITIAL MASS

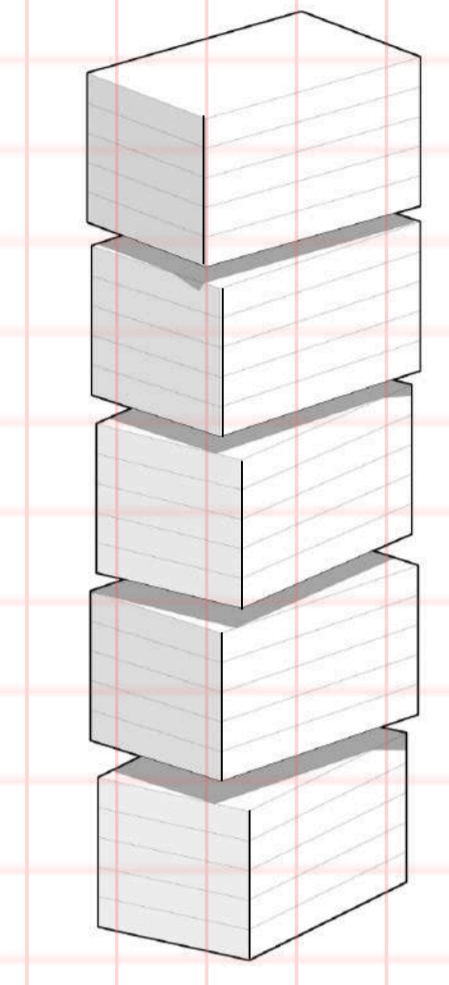


SUBTRACTION

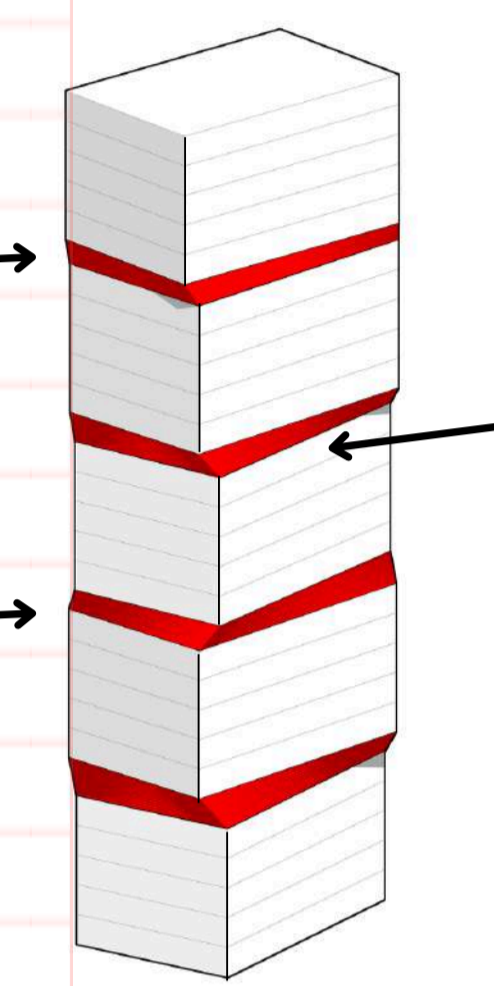


ROTATION

DESING PROCESS



ROTATED BOXES



PUSH BACK

DESIGN CONCEPT

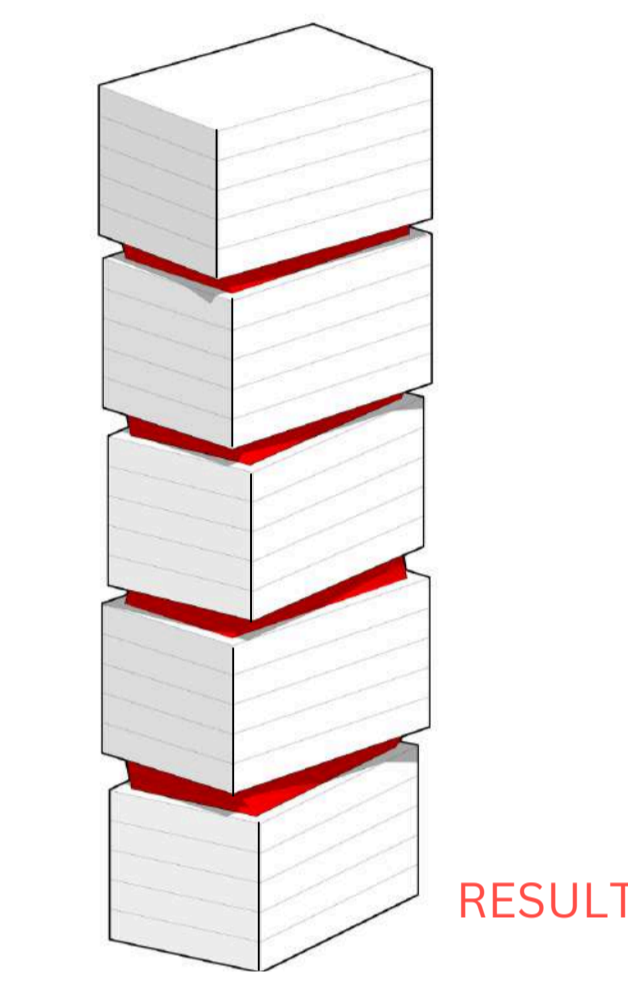
SOCIAL TECTONIC -URBAN INTERACTION AND CONNECTION

The building isn't just a container of functions; it actively shapes how people meet, move, and interact.

Lobbies, terraces, ramps, and semi-open plazas become tectonic joints—spaces where social energy is released.

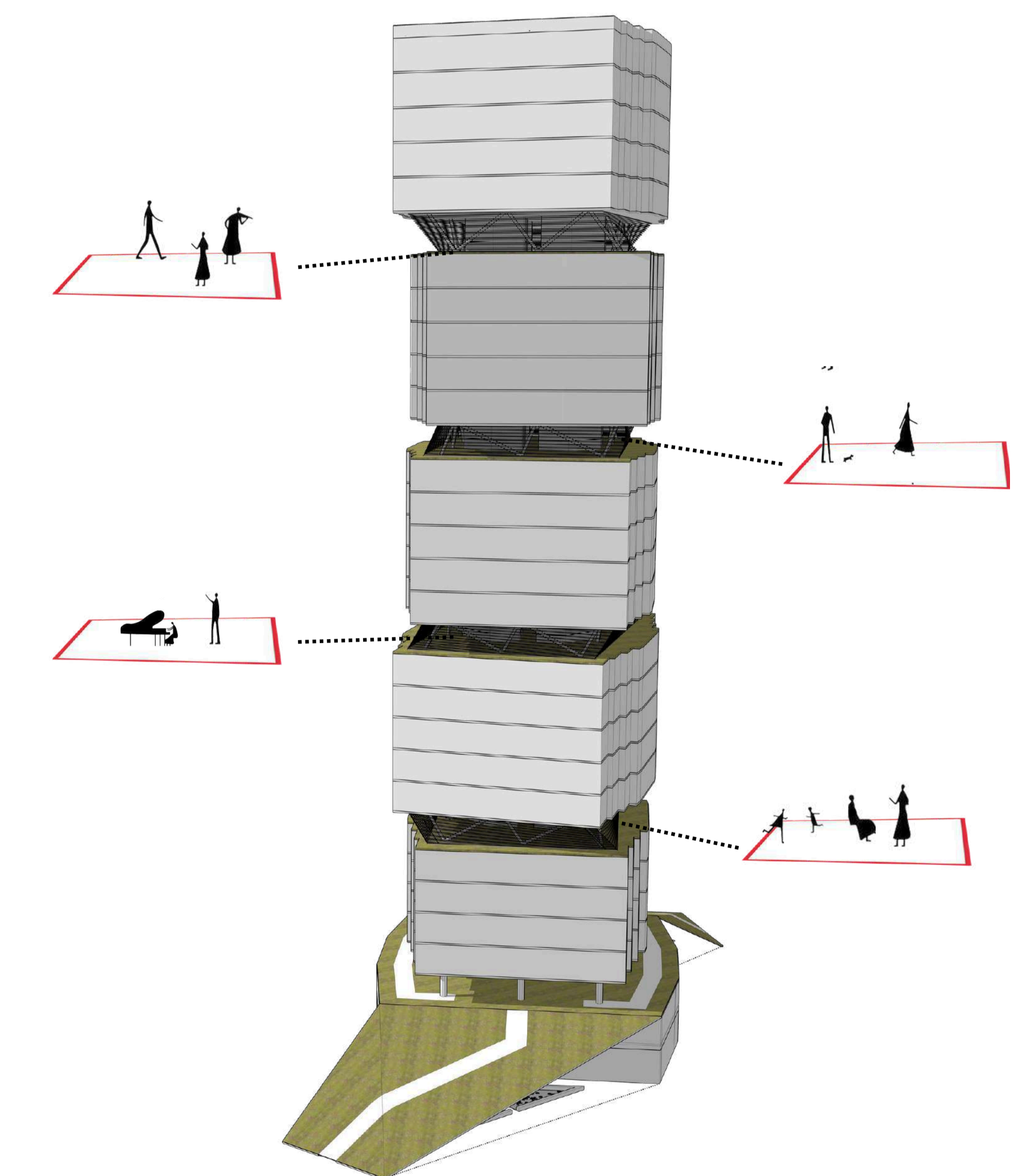
street activation: Ground-level commerce and plazas extend the city into the building, blurring inside/outside.

THE TOWER OF SOCIAL TECTONIC

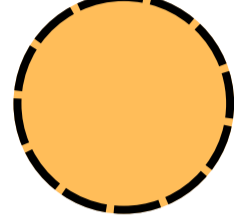
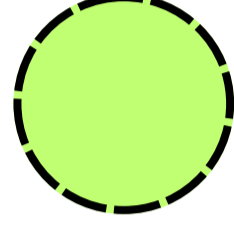
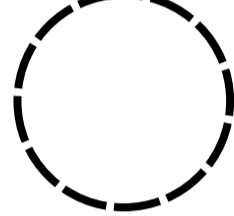


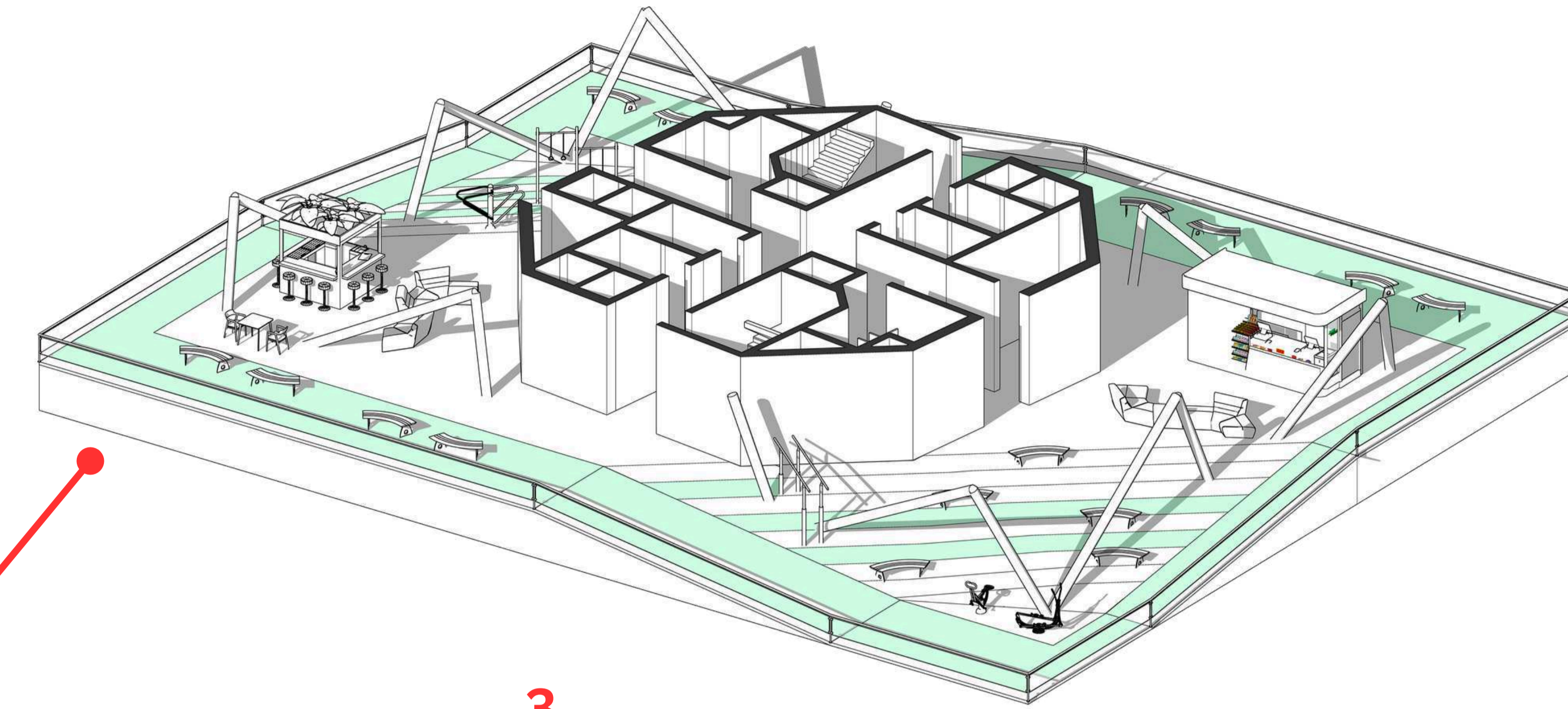
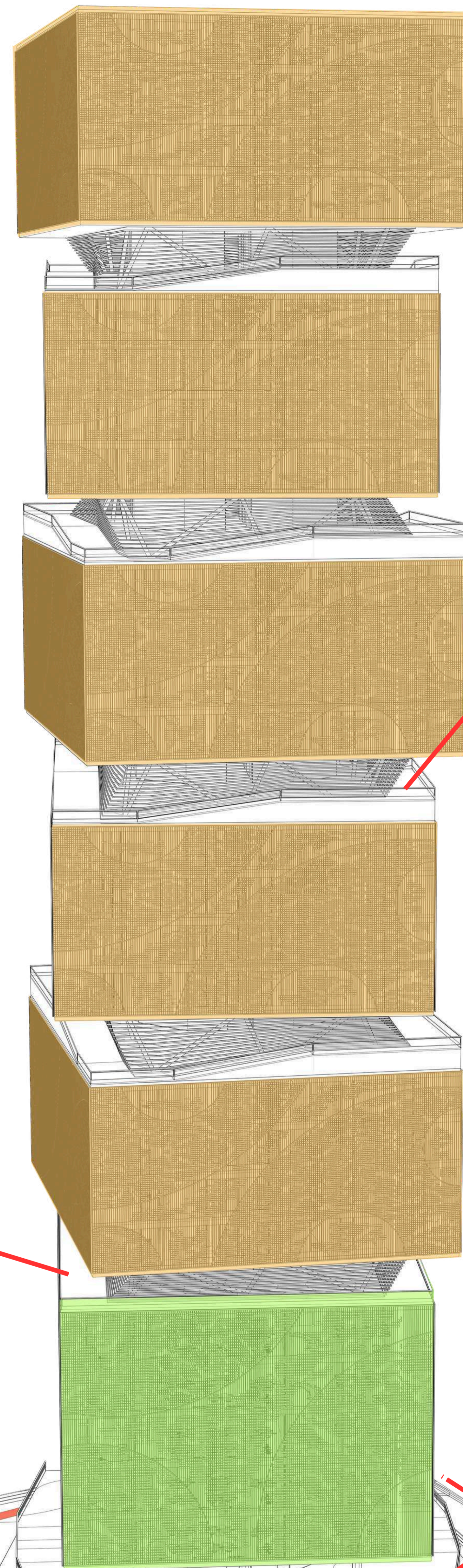
RESULT

A vertical city block where stacked volumes are not barriers but bridges — each gap is a civic terrace, each layer a new programmatic horizon. The Inter Tower is not just tall; it is porous, interactive, and socially tectonic.

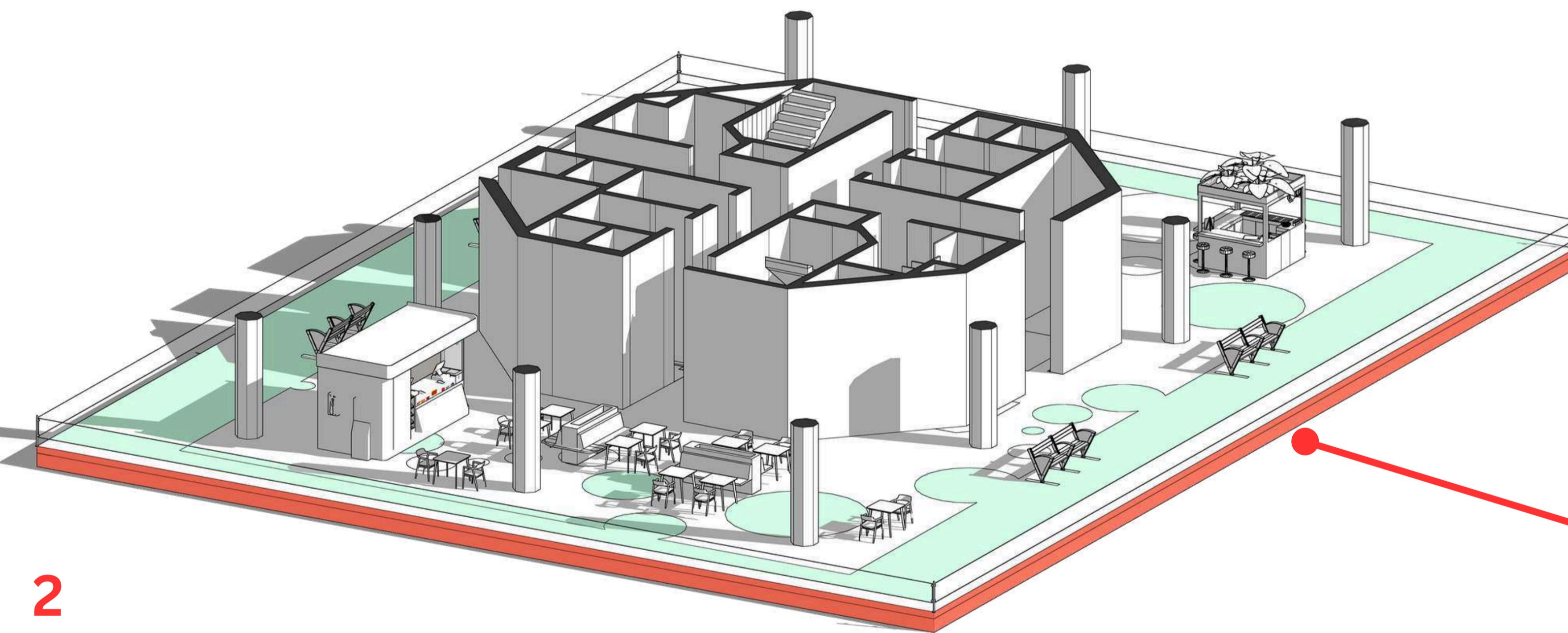


INTERIOR PART RENDER . LIGHT QUALITY.

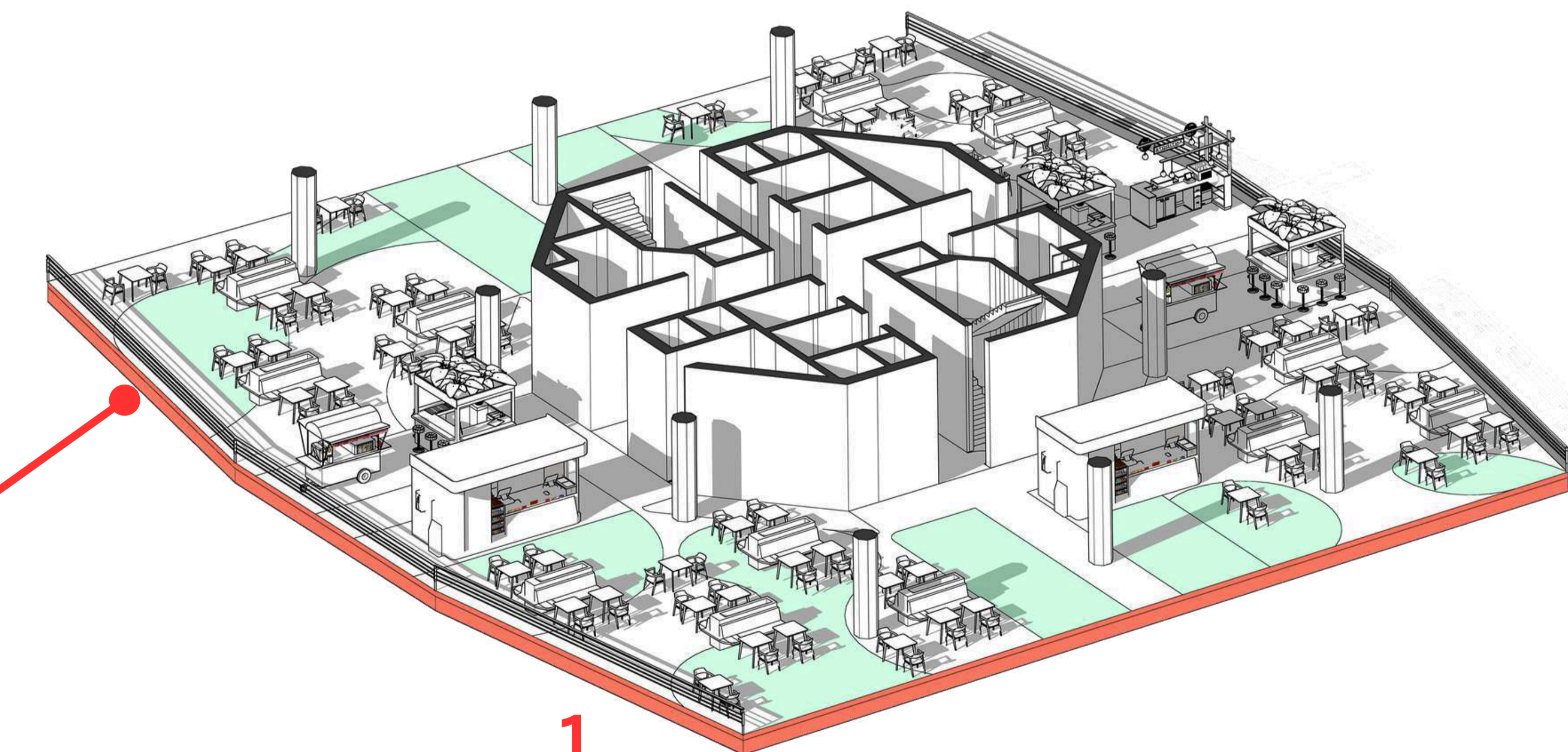
-  housings
-  offices
-  podium



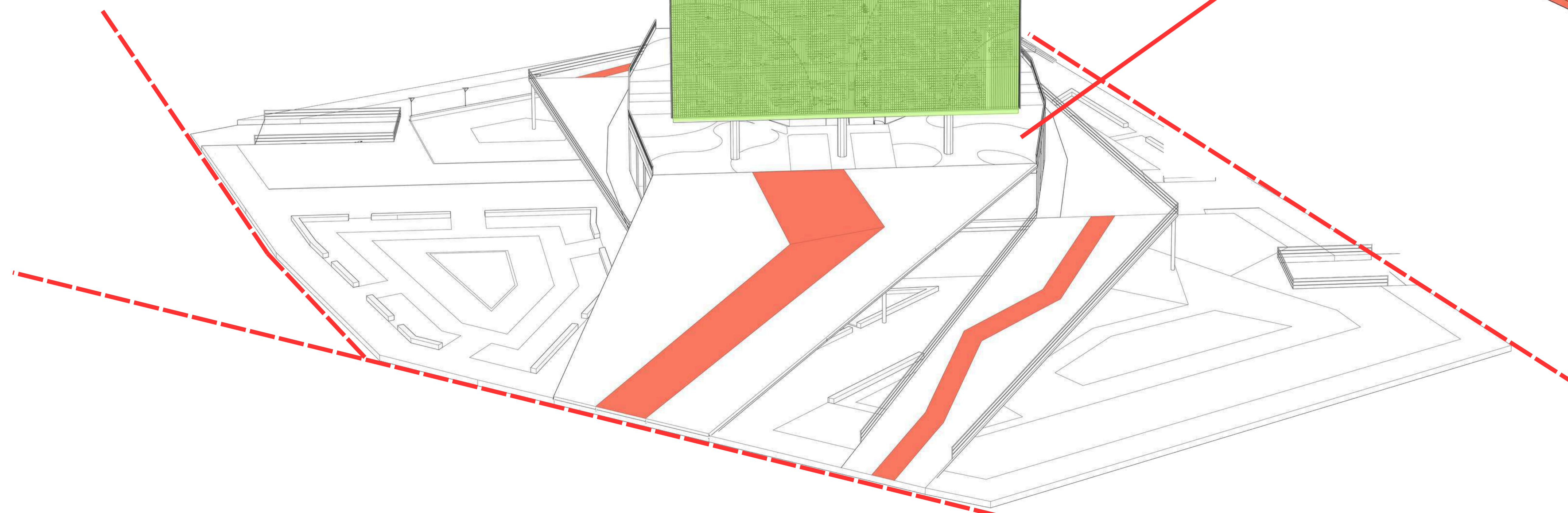
3 semi-private terrace for building occupants, it is also open to visitor. it host small commercial facilities, playground and small sport equipment for energy release. the goal of these terraces is to respond to occupant primary need through its functions.



2 private terrace more formal and quitter, it serves offices occupant and has it own mini market. can be use as open administrative ceremony meeting point.



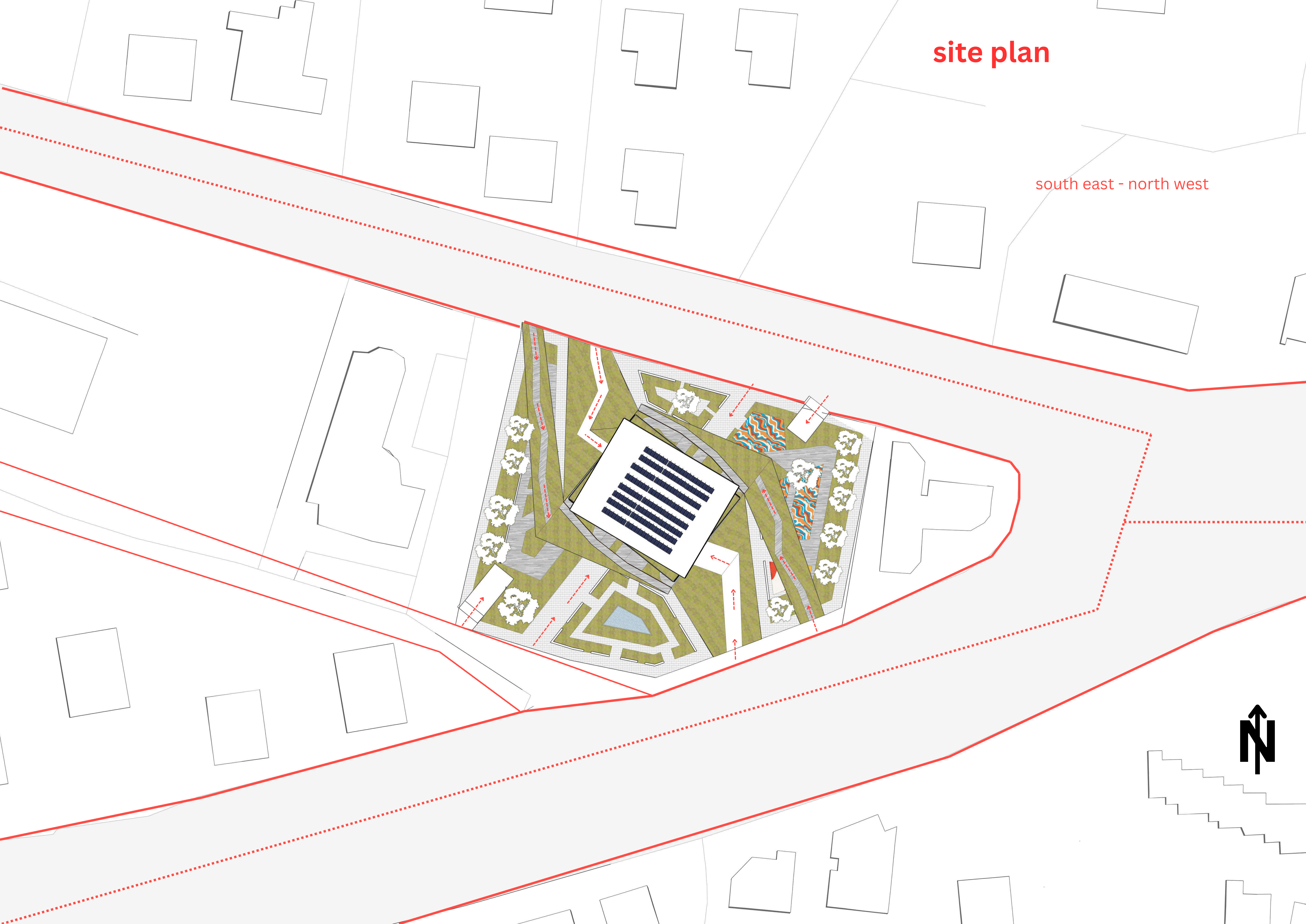
1 public terrace acting as a food court and playground. open to everyone. can also serve as a gathering or community event place.



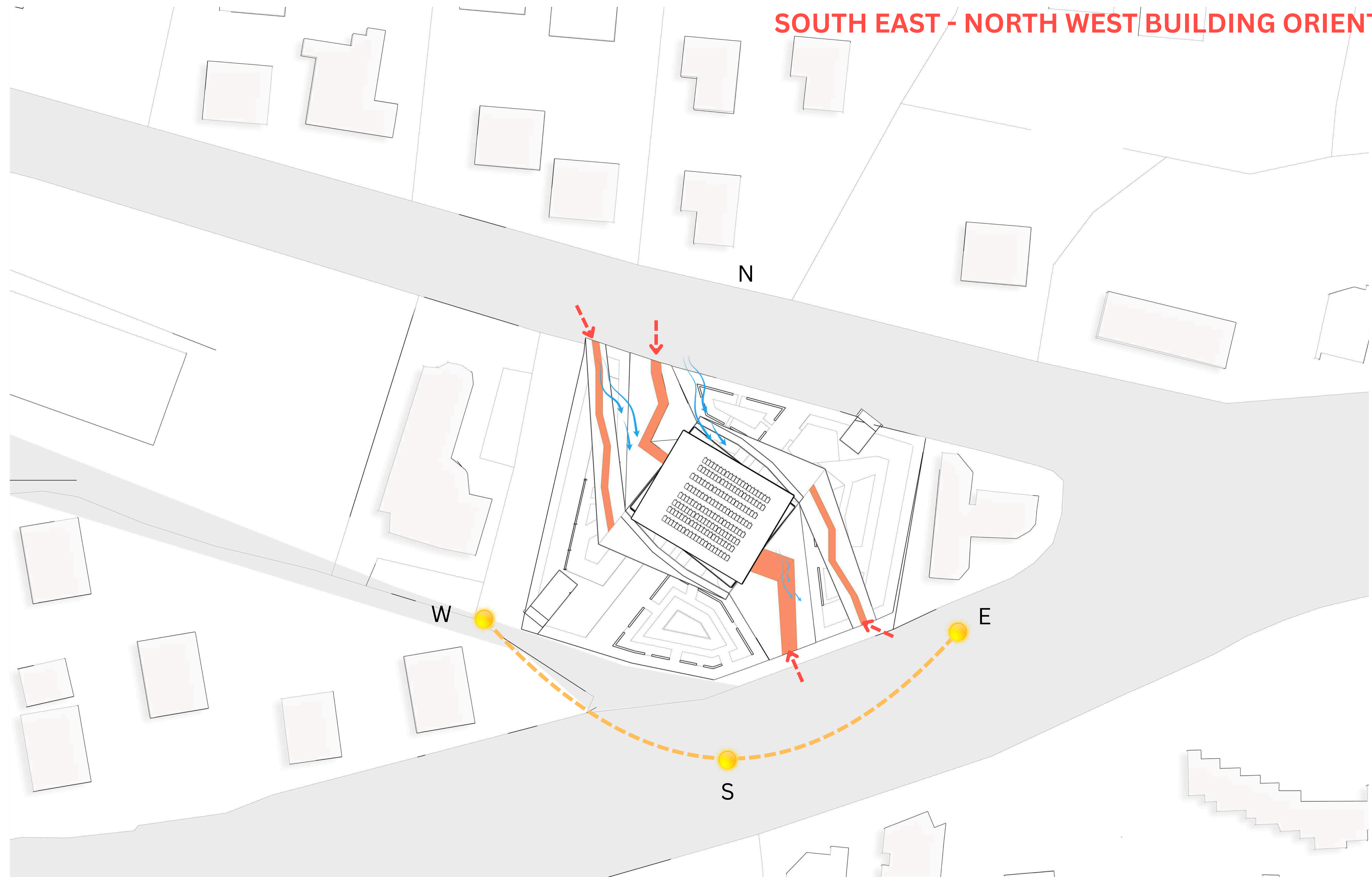


site plan

south east - north west



SOUTH EAST - NORTH WEST BUILDING ORIENTATION

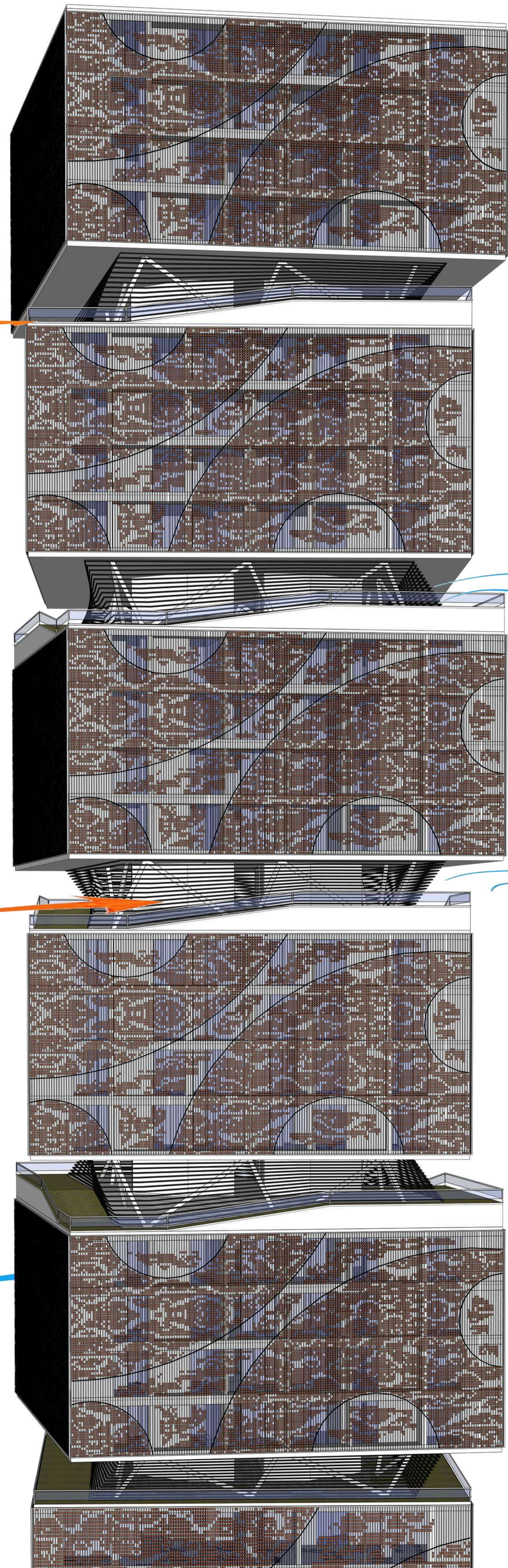


- street activation: Ground-level **commerce ,plazas and ras** extend the city into the building, blurring inside/outside.

- this orientation enable the building to not directly face the prevailing wind, deflecting and reducing its load.

- the building Rotation reduce direct southern exposure lowers cooling loads and improves comfort.

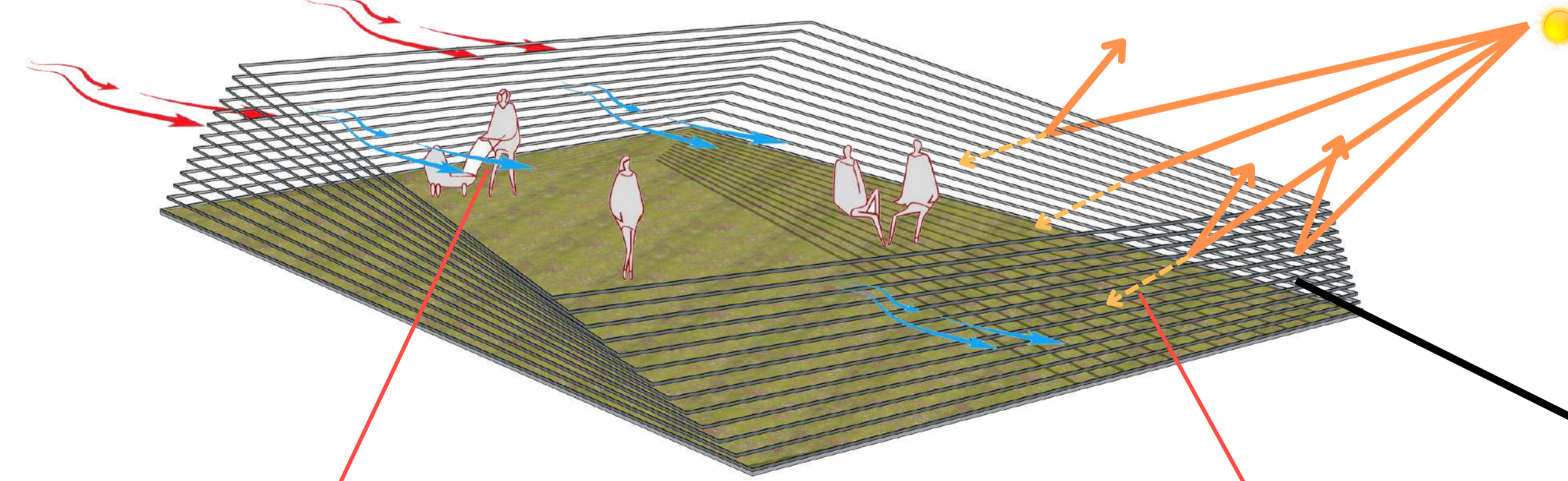
STONG WIND



- the building Rotation reduce direct southern exposure lowers cooling loads and improves comfort.

the steel louvers act as a wind breaker and sun ray deflector.

STONG WIND

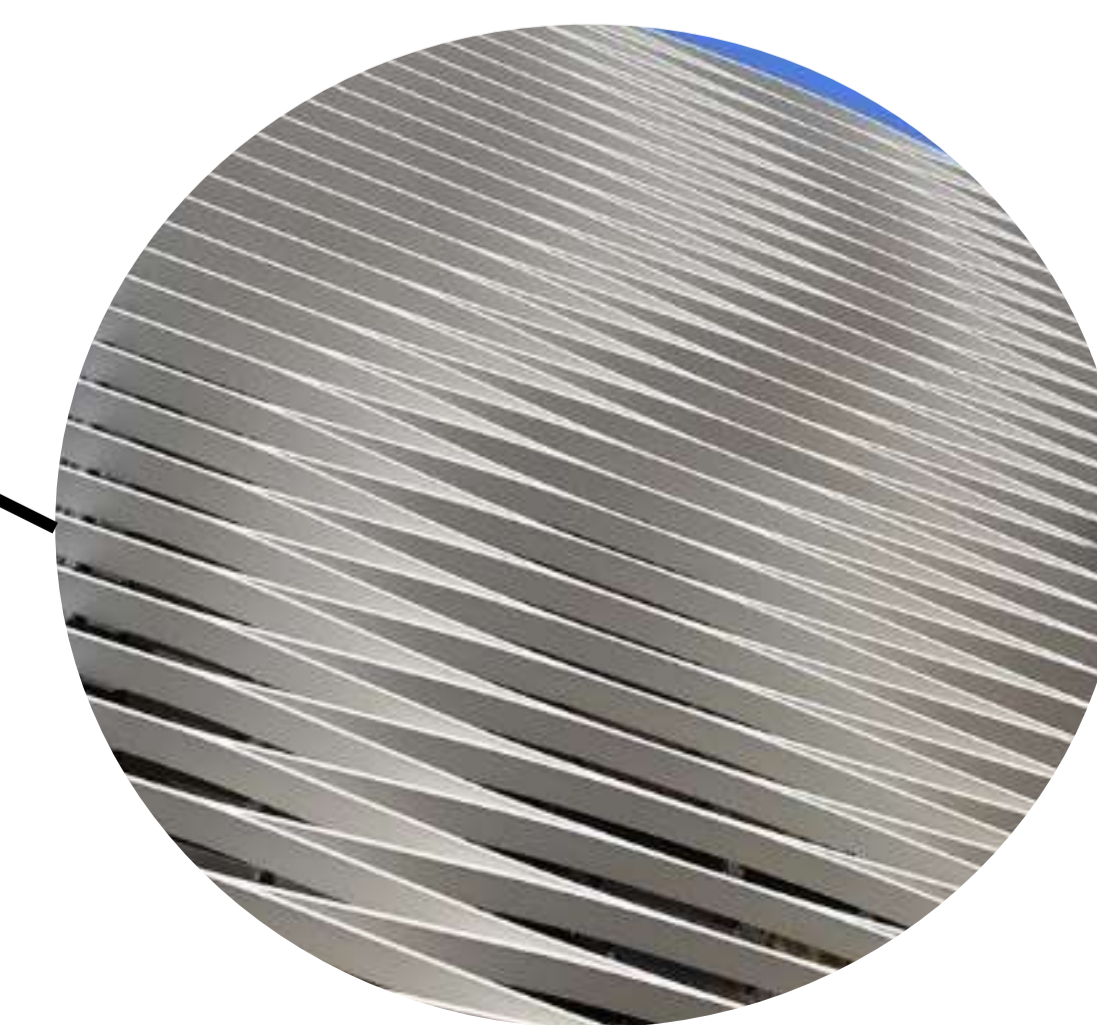


deflected wind pattern

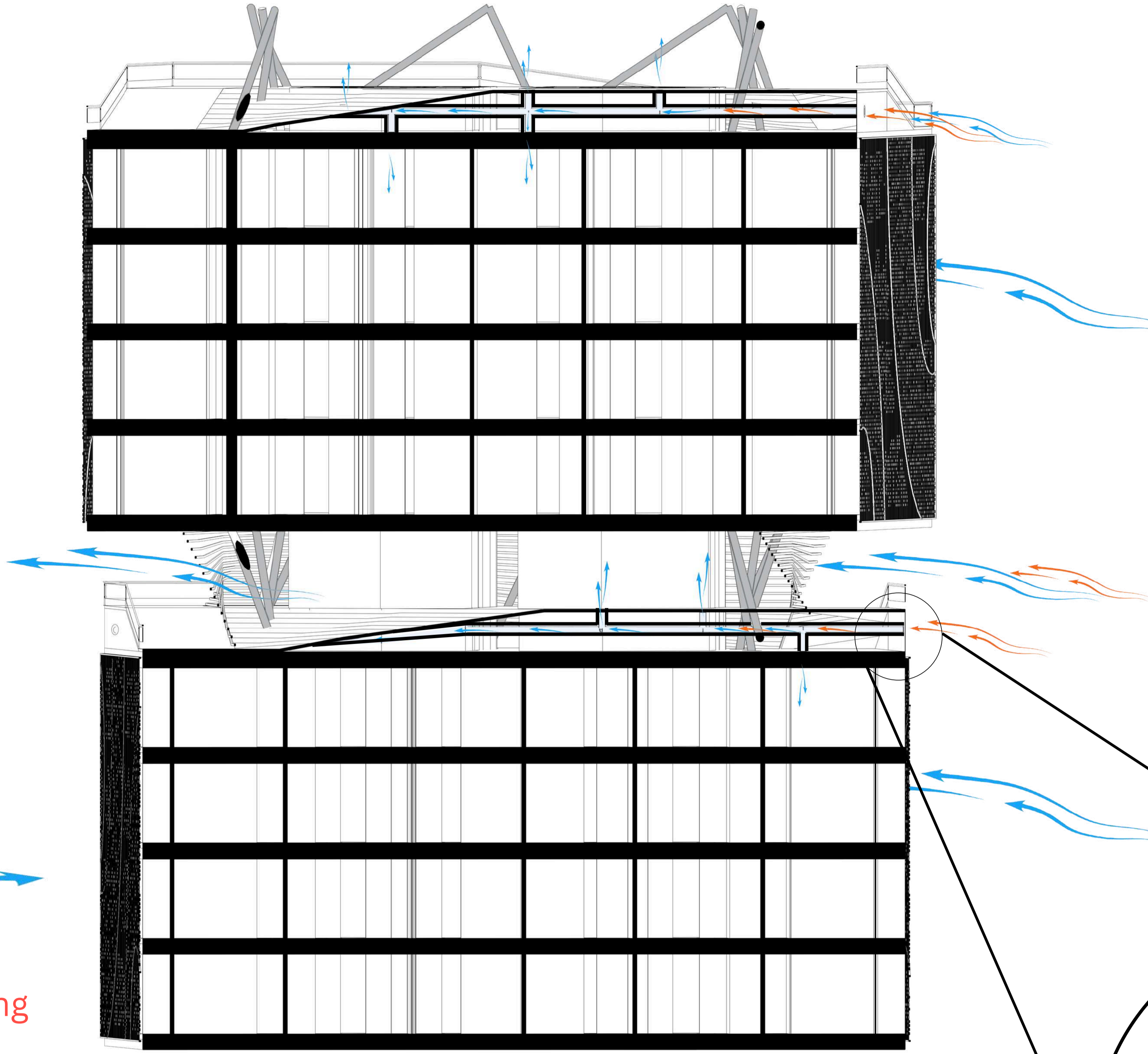
deflected sun ray

- the building Rotation reduce direct southern exposure lowers cooling loads and improves comfort.

STEEL LOUVERS

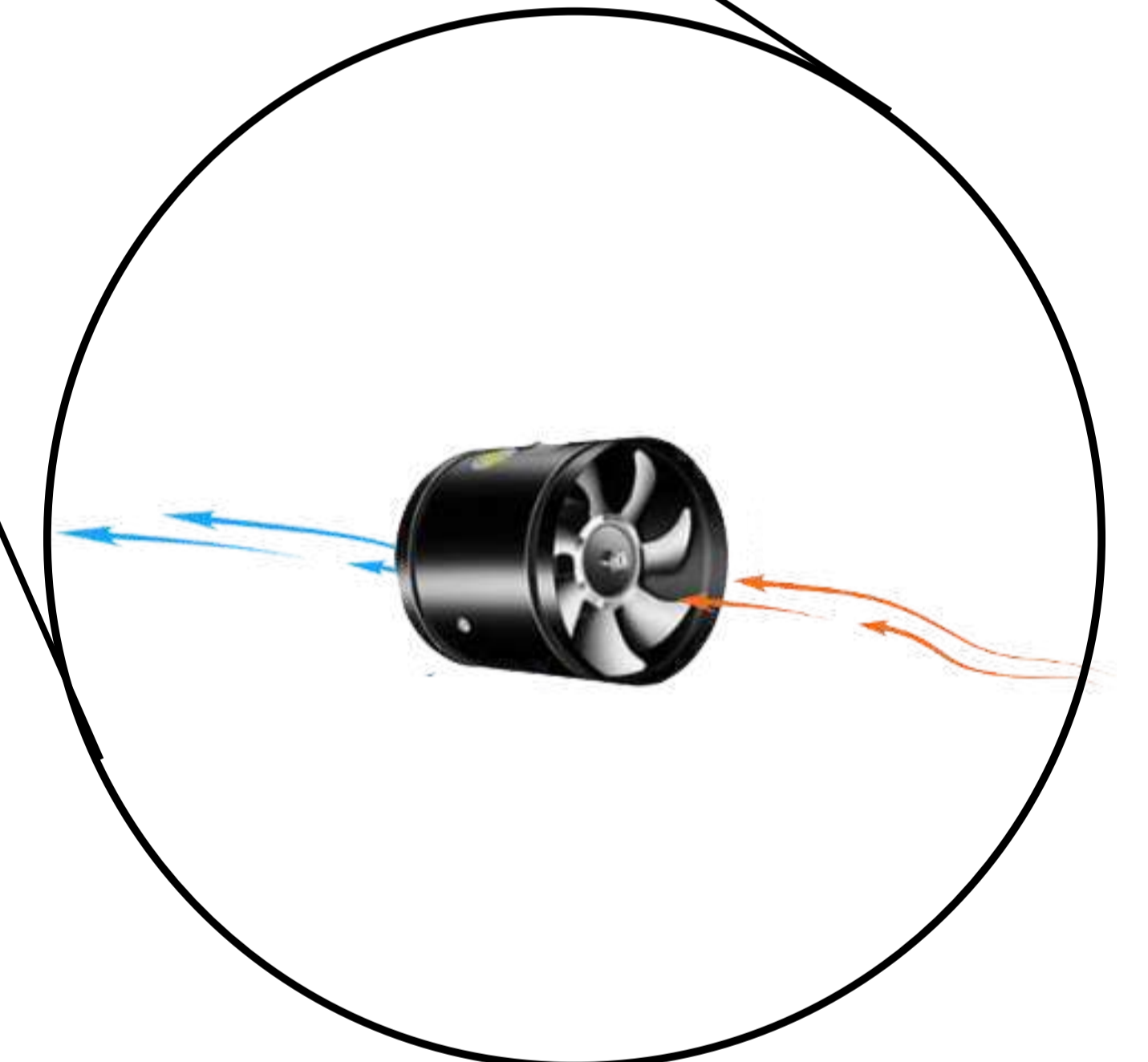


- the steel louvers act as a wind breaker and sun ray deflector.

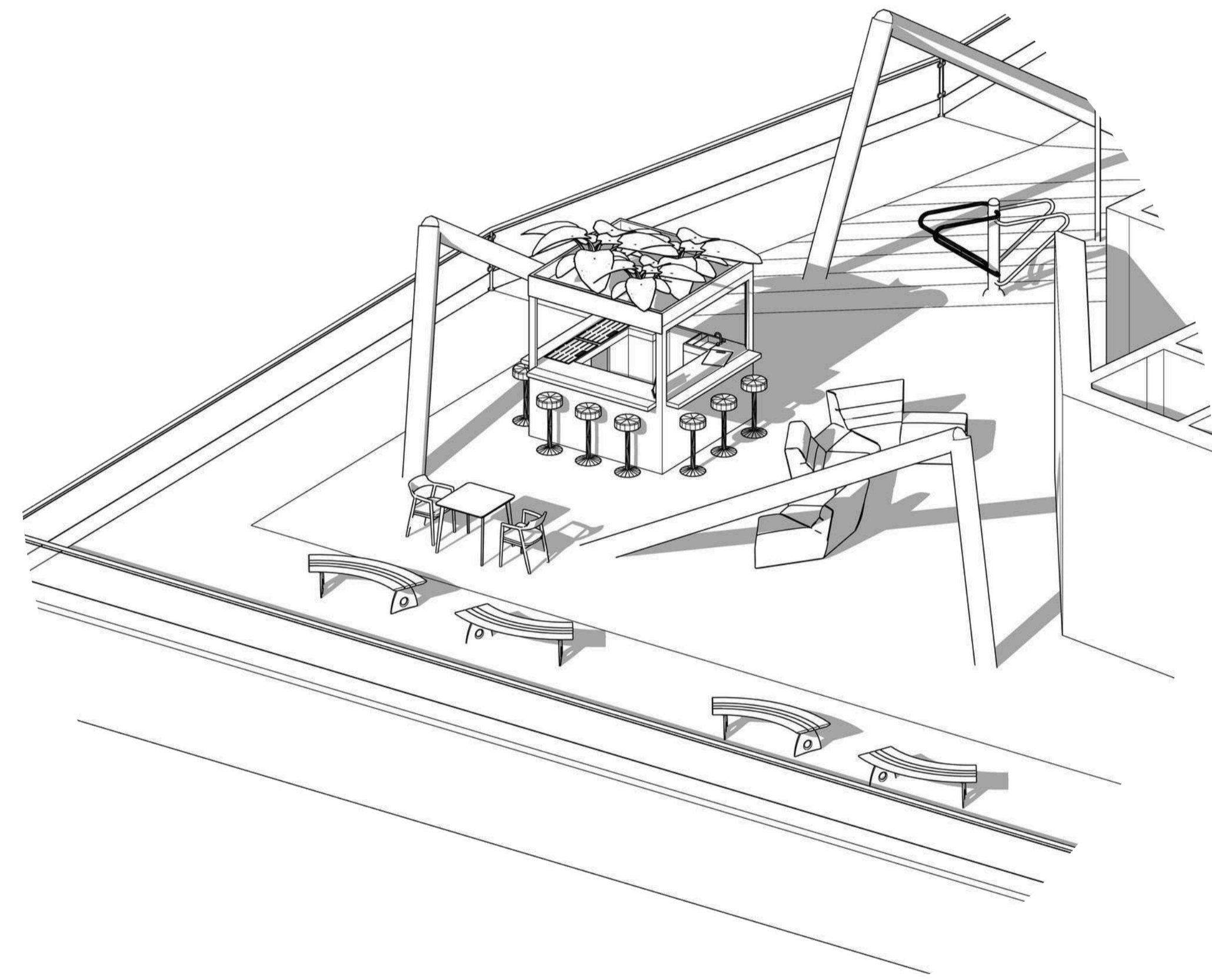
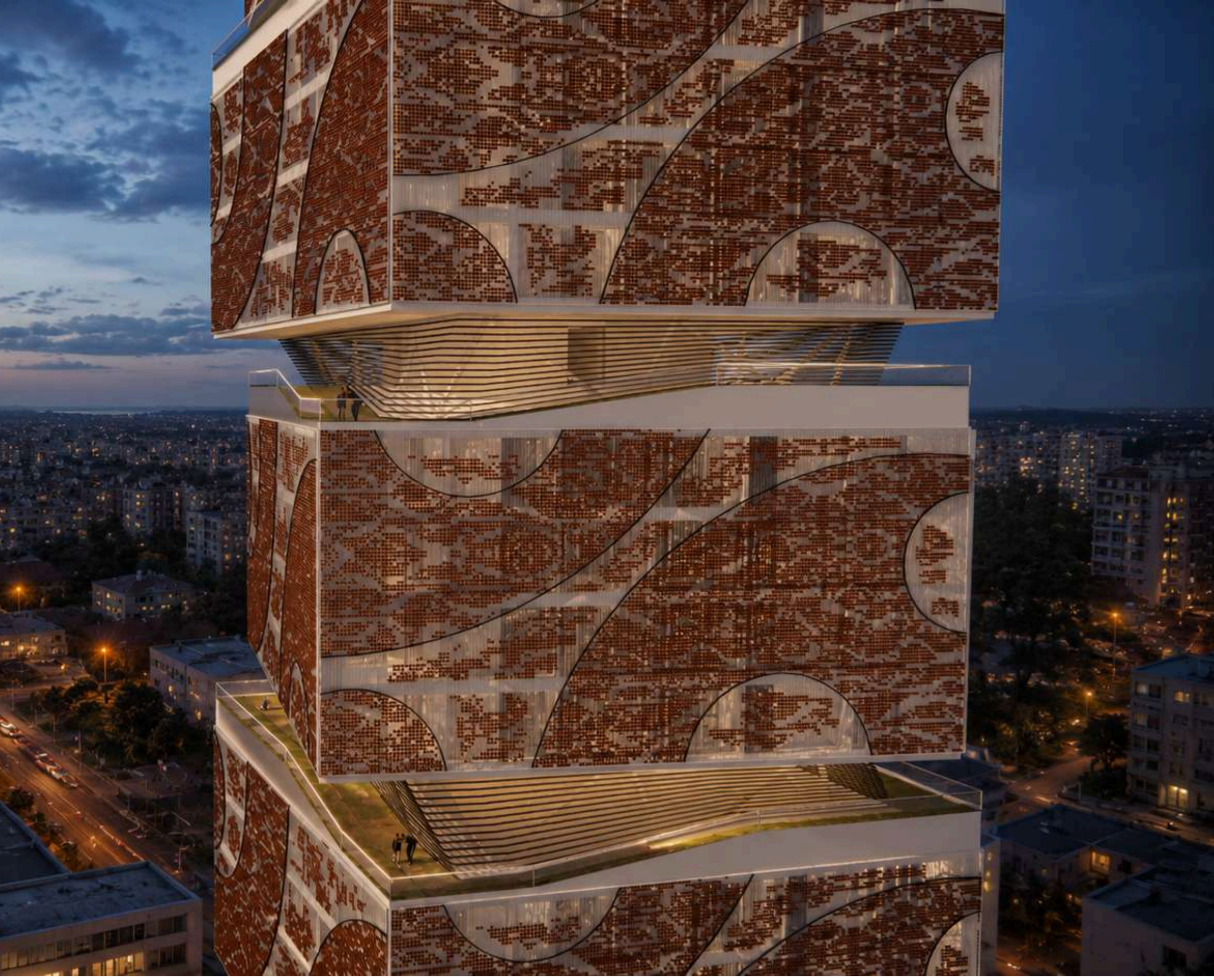


the fan is empower by the solar panel placed on the building roof top. the system is activated during summer and turned off during winter.

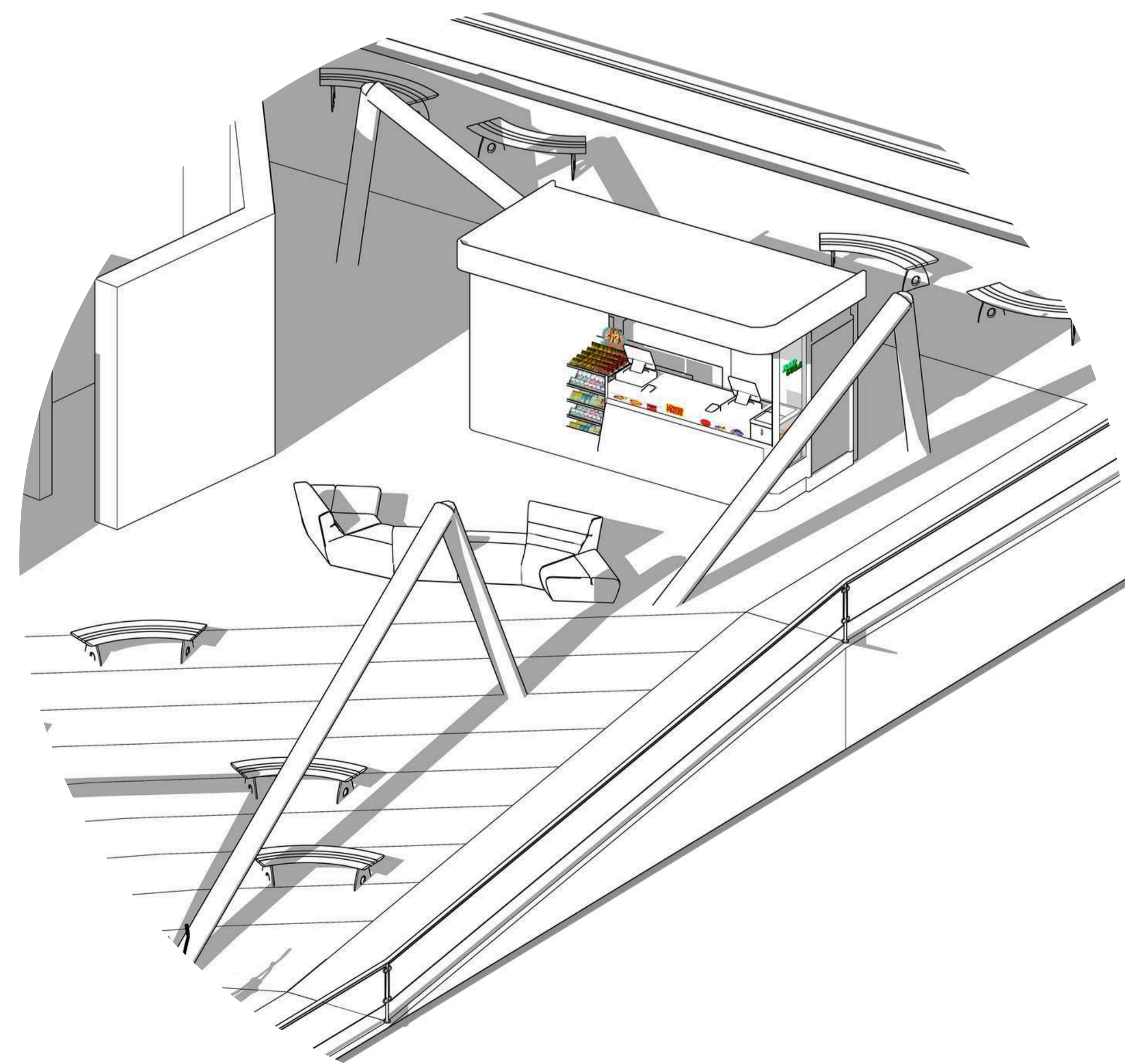
The cooling fan acts like a vacuum. It sucks in the air present in the environment, processes it, and redirects it as fresh air onto the terrace and into the key areas of the building through pipes placed in the ceiling.







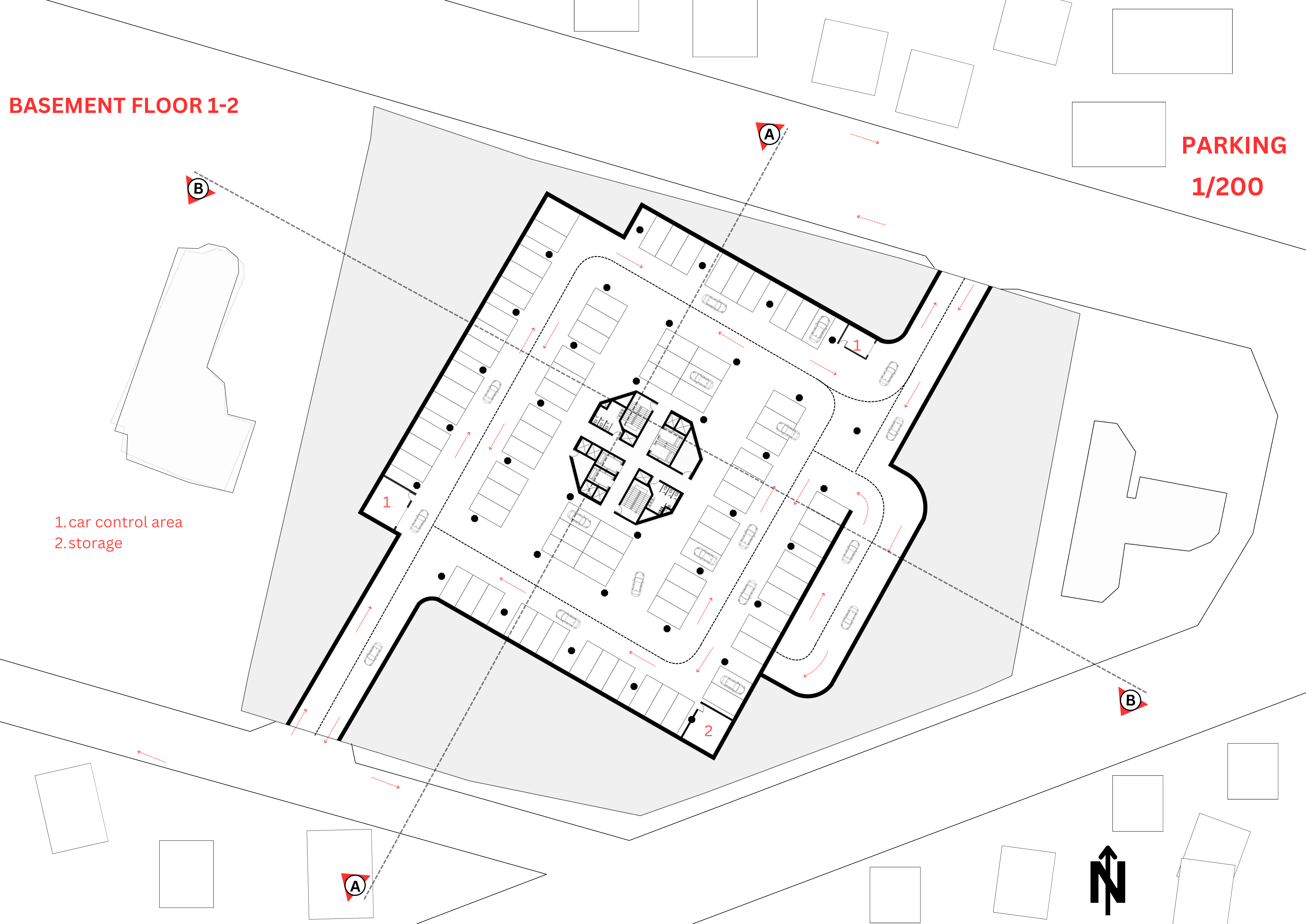
TERRACE 3



BASEMENT FLOOR 1-2

**PARKING
1/200**

1. car control area
2. storage



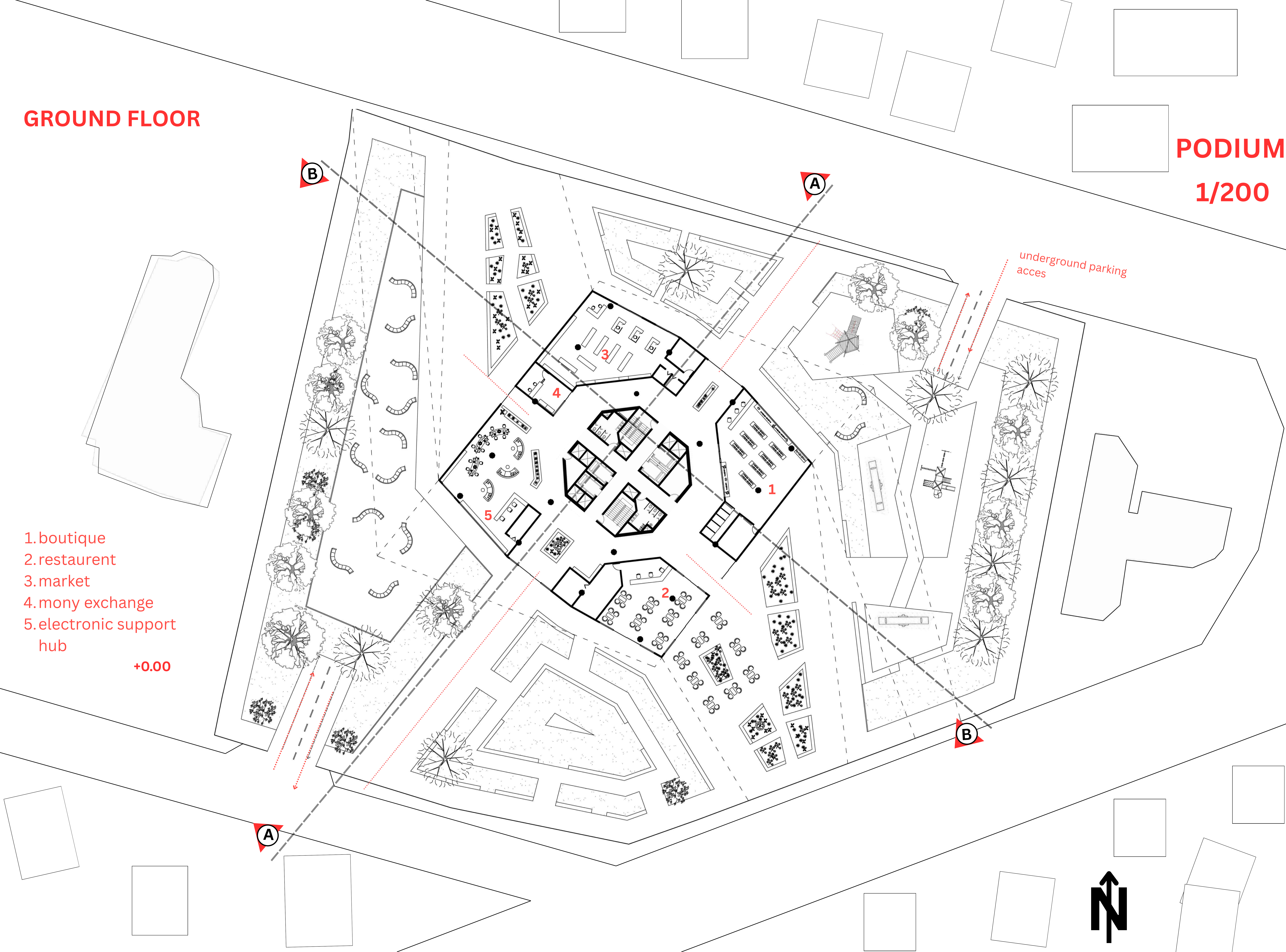
GROUND FLOOR

**PODIUM
1/200**

- 1. boutique
- 2. restaurant
- 3. market
- 4. money exchange
- 5. electronic support hub

+0.00

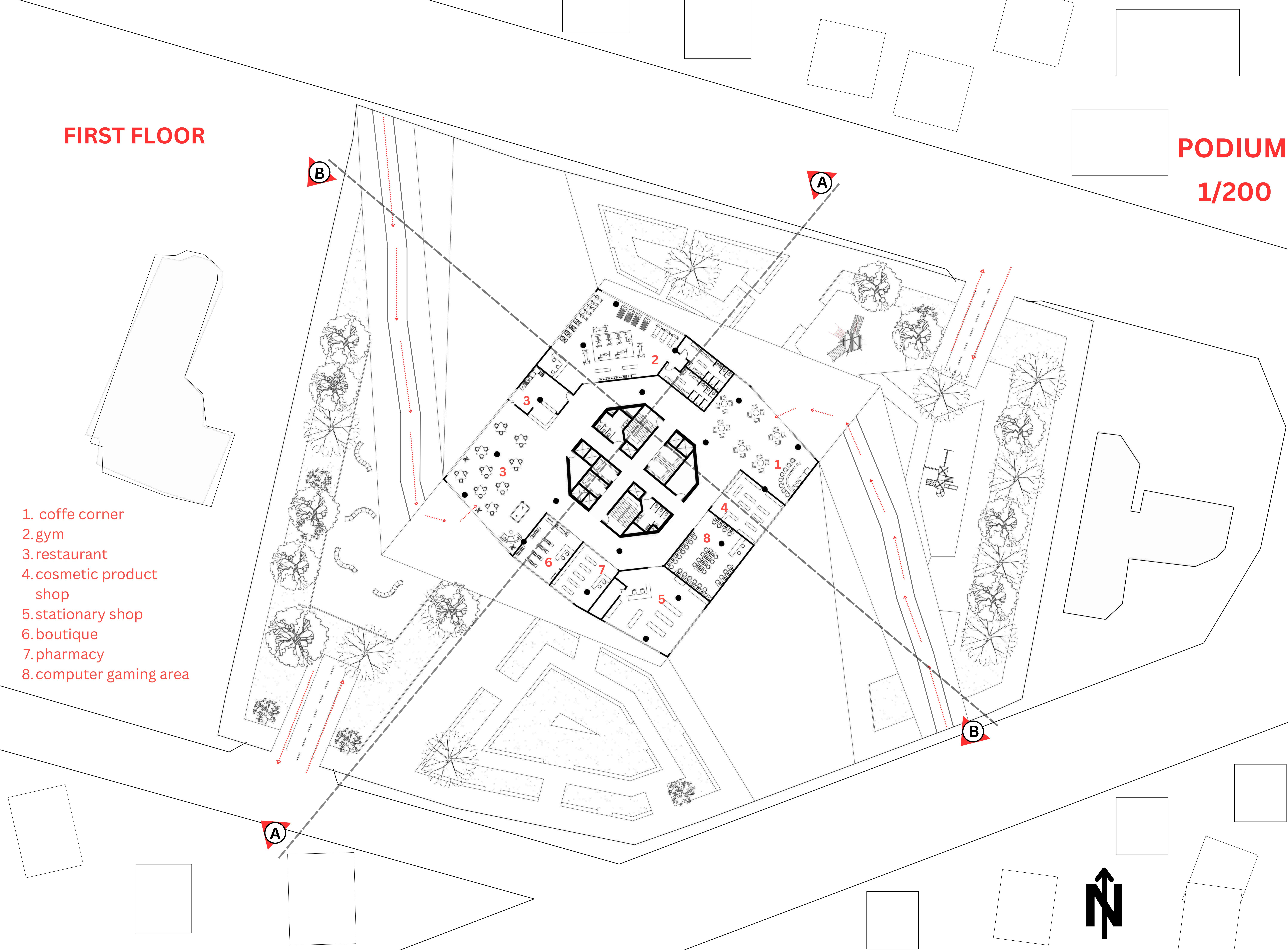
underground parking
access



FIRST FLOOR

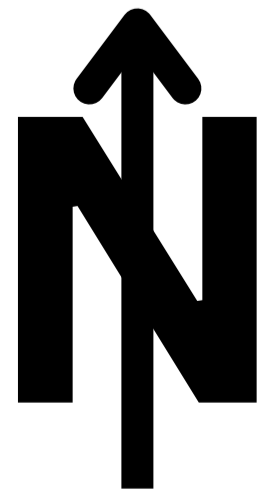
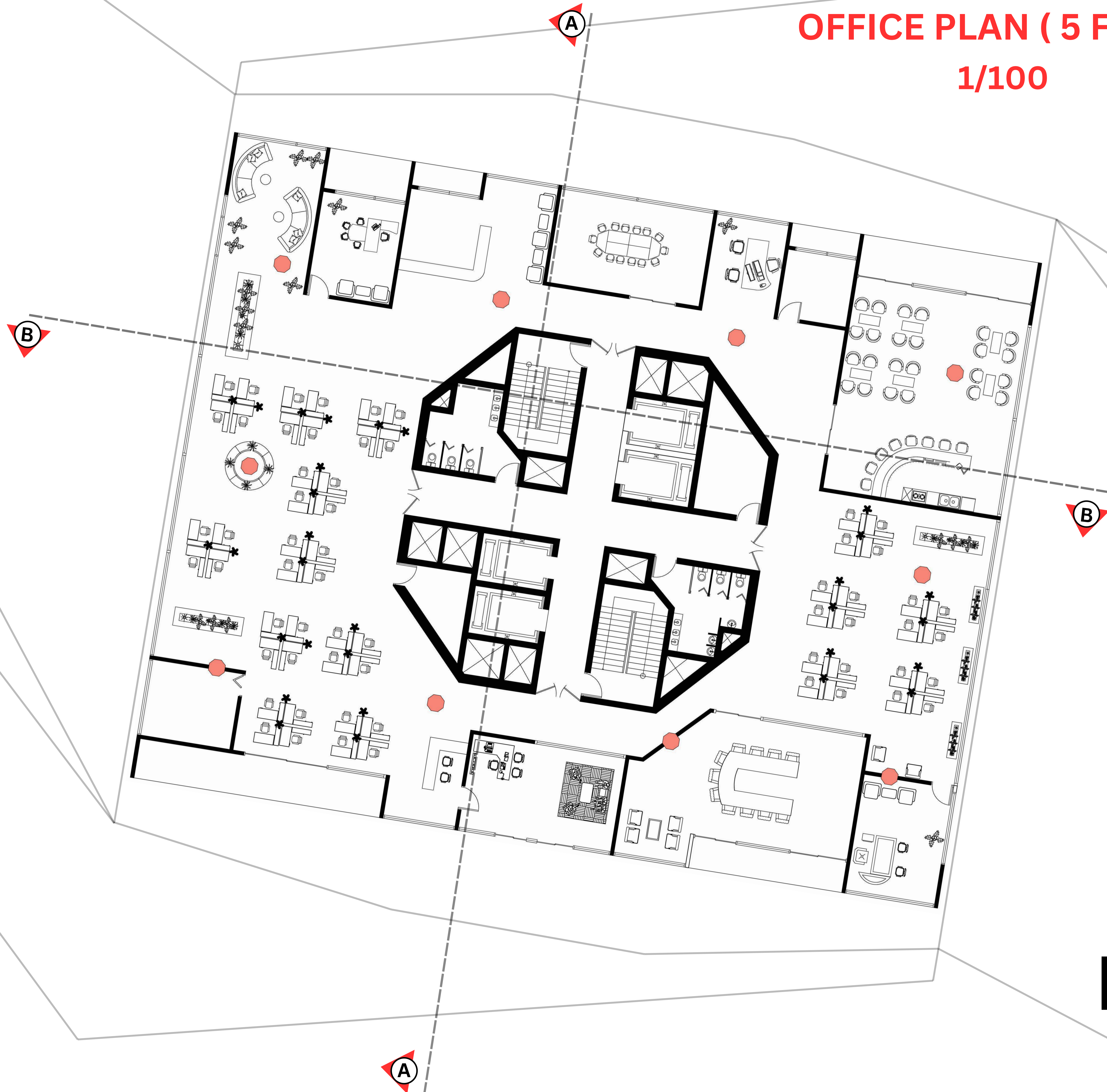
**PODIUM
1/200**

- 1. coffe corner
- 2. gym
- 3. restaurant
- 4. cosmetic product shop
- 5. stationary shop
- 6. boutique
- 7. pharmacy
- 8. computer gaming area



OFFICE PLAN (5 FLOOR)

1/100



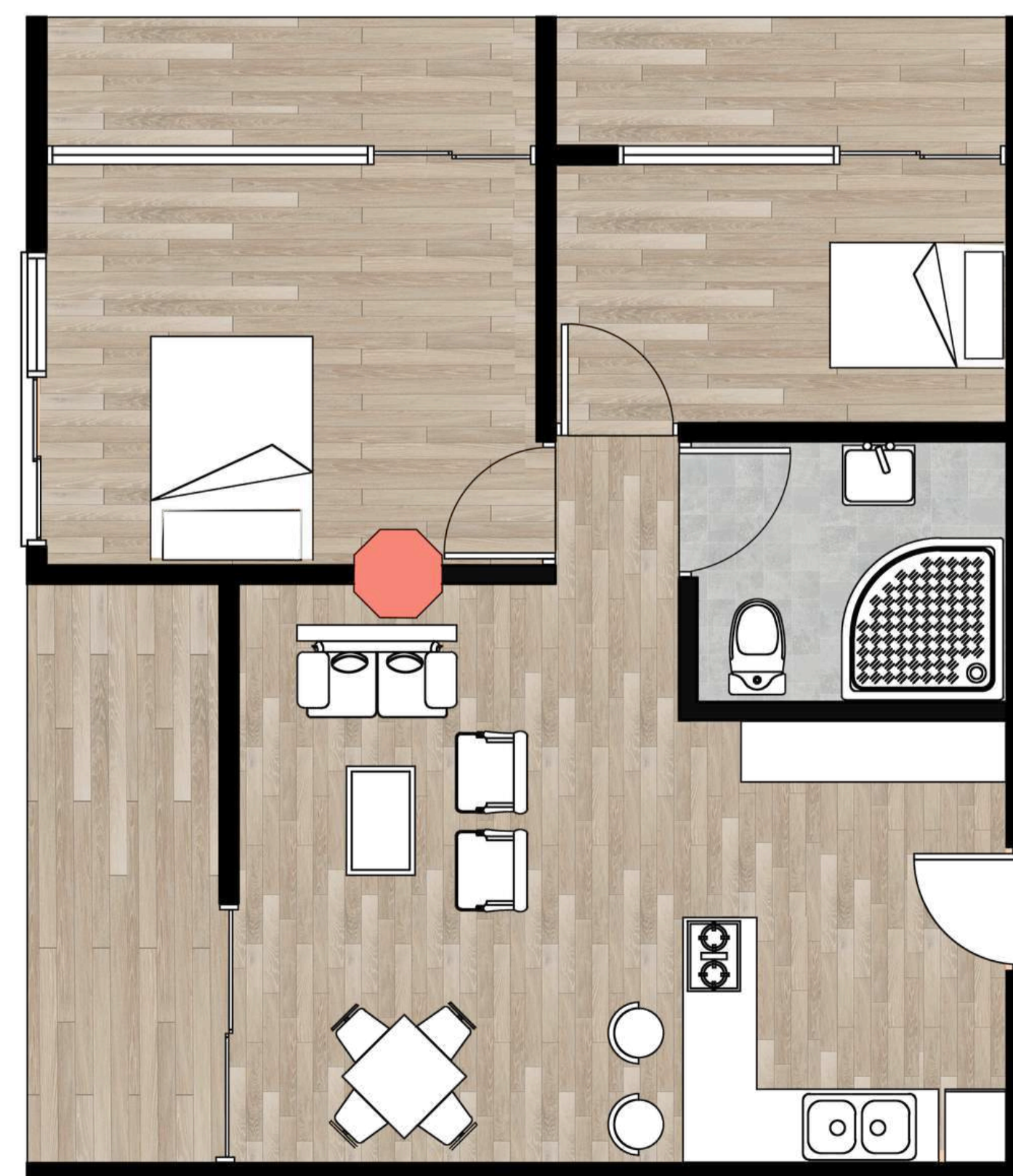
HOUSINGS PLAN

1/100

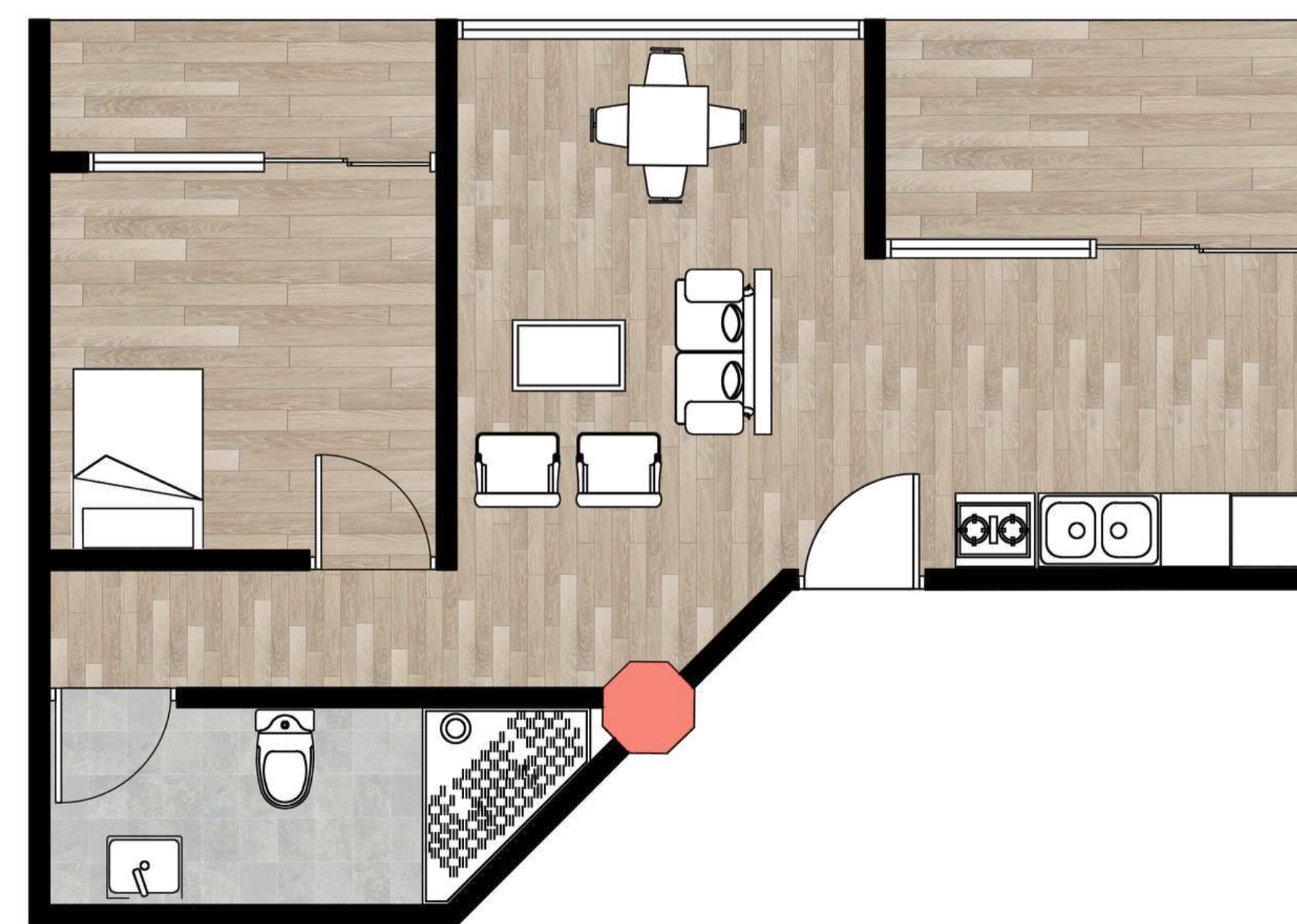


HOUSING BLOCKS ARE MADE OF 4 FLOORS , EACH CONTAINING 16 UNITS (TWO BEDROOM (4) - ONE BEDROOM - STUDIO (4)).

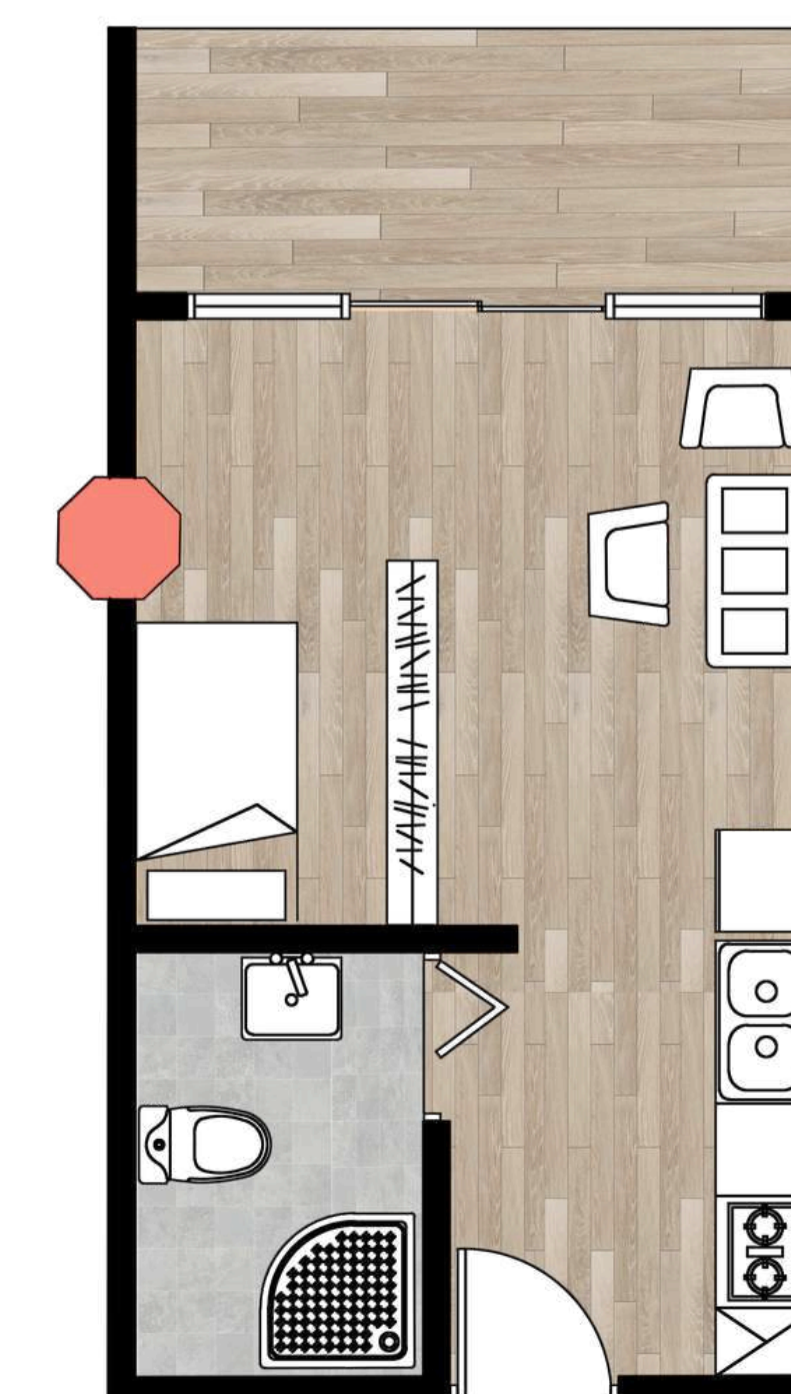
WITH ATOTAL NUMBER OF 28 PEOPLE PER FLOOR, AND 112 PEOPLE PER BLOCK, THE OVERALL HOUSING BLACKS HOST 560 PEOPLE.



1 TWO BEDROOM APARTMENT 90M2



2 ONE BEDROOM APARTMENT 55M2

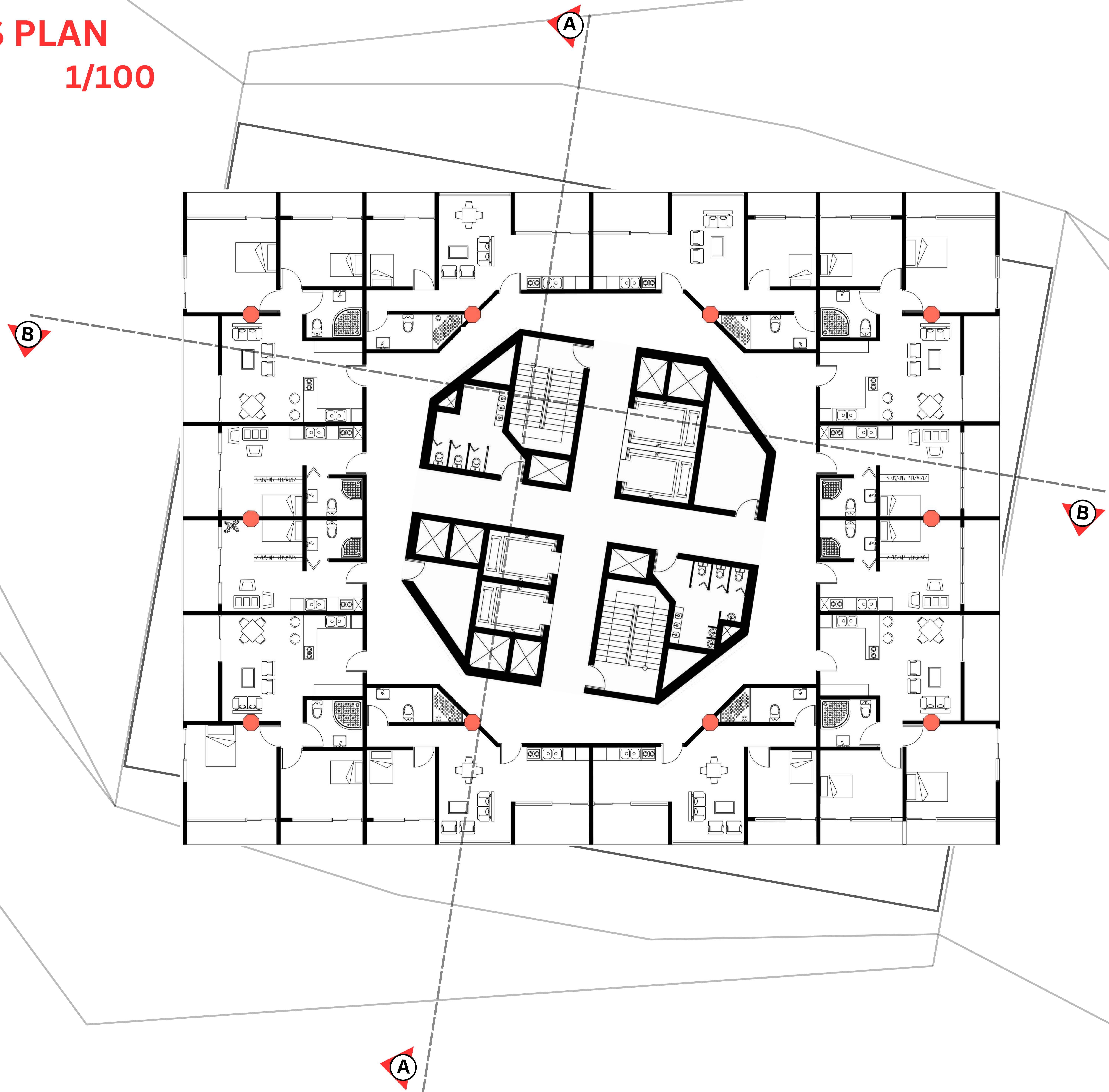


3 STUDIO 30M2

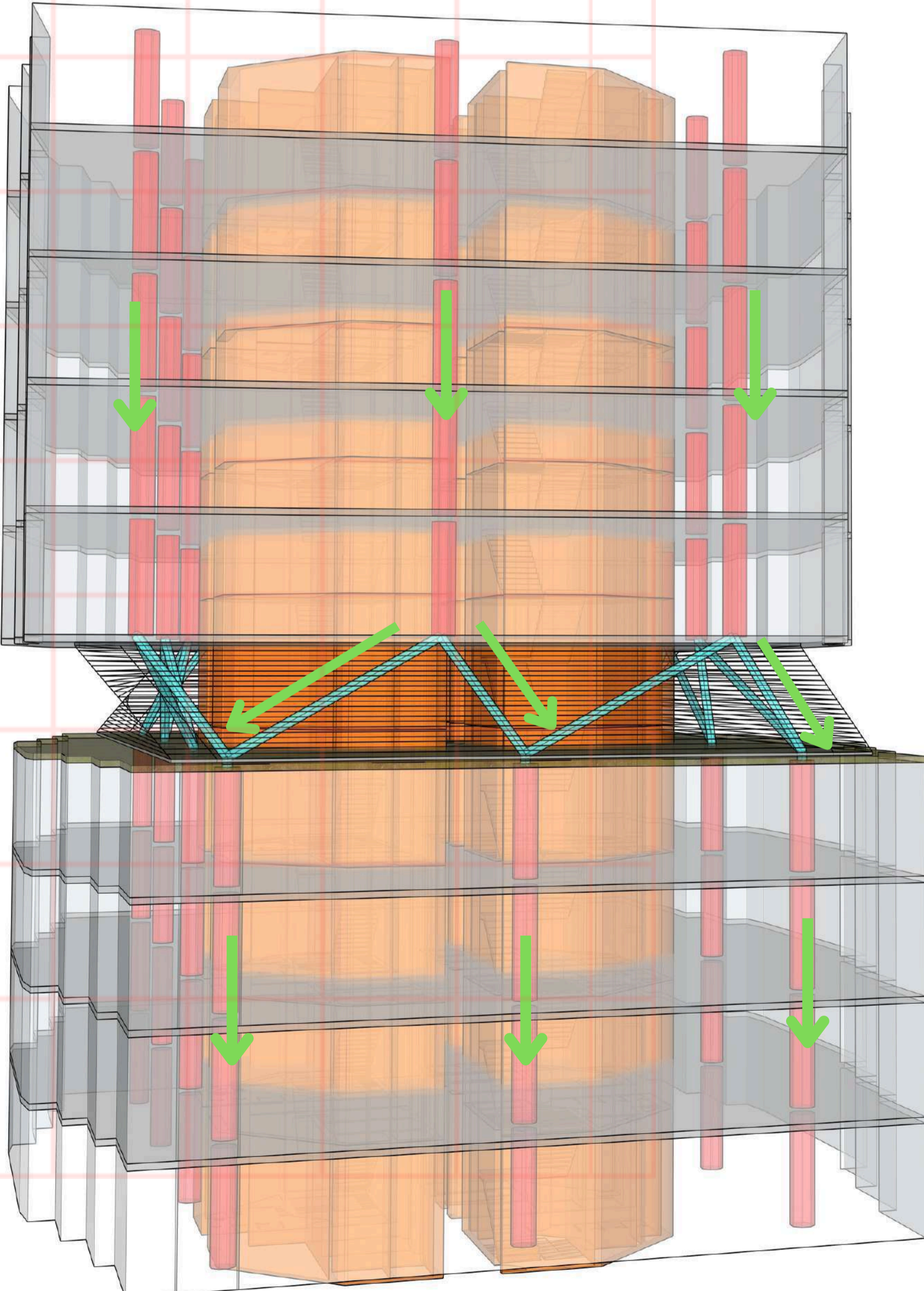
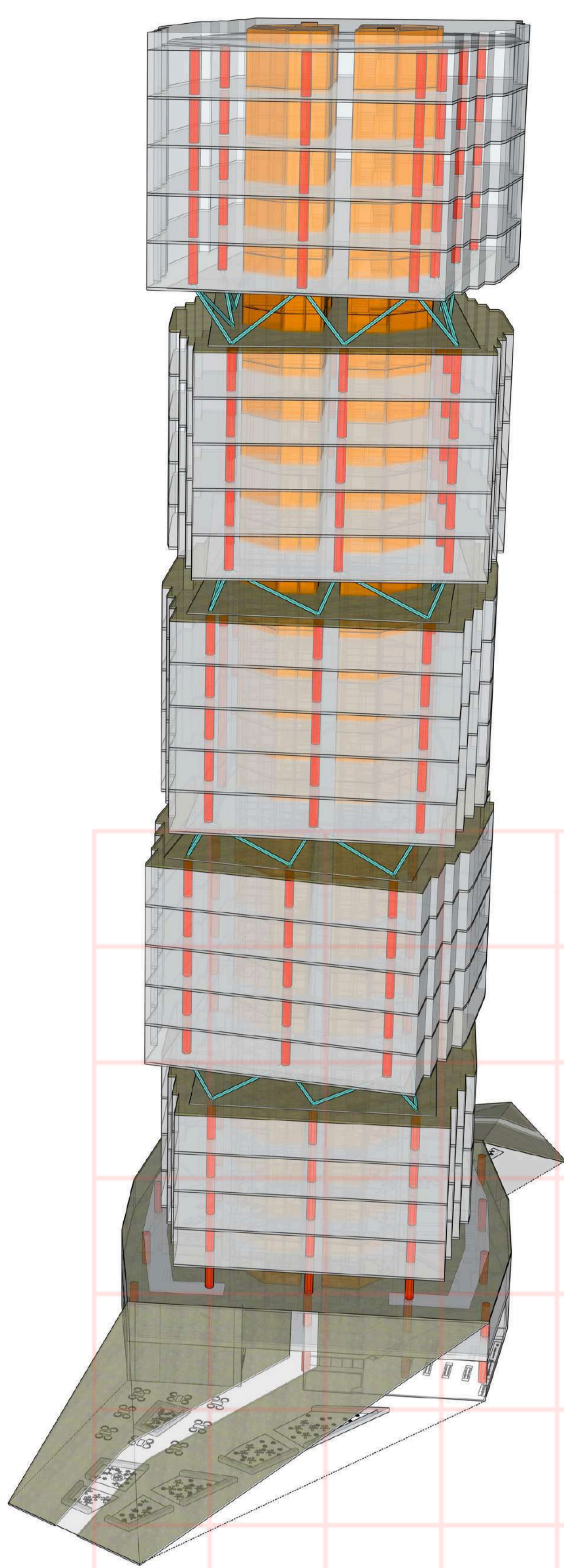
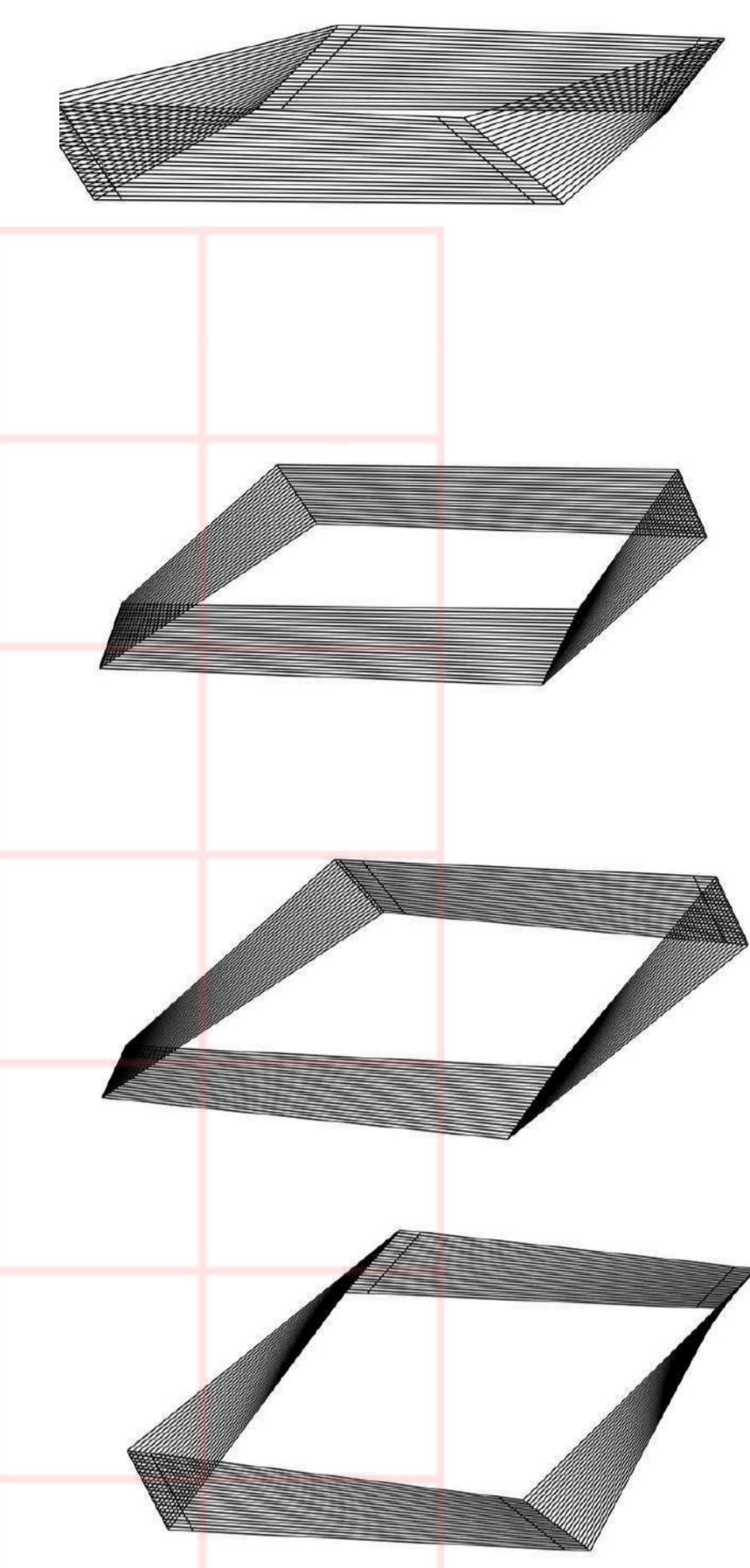
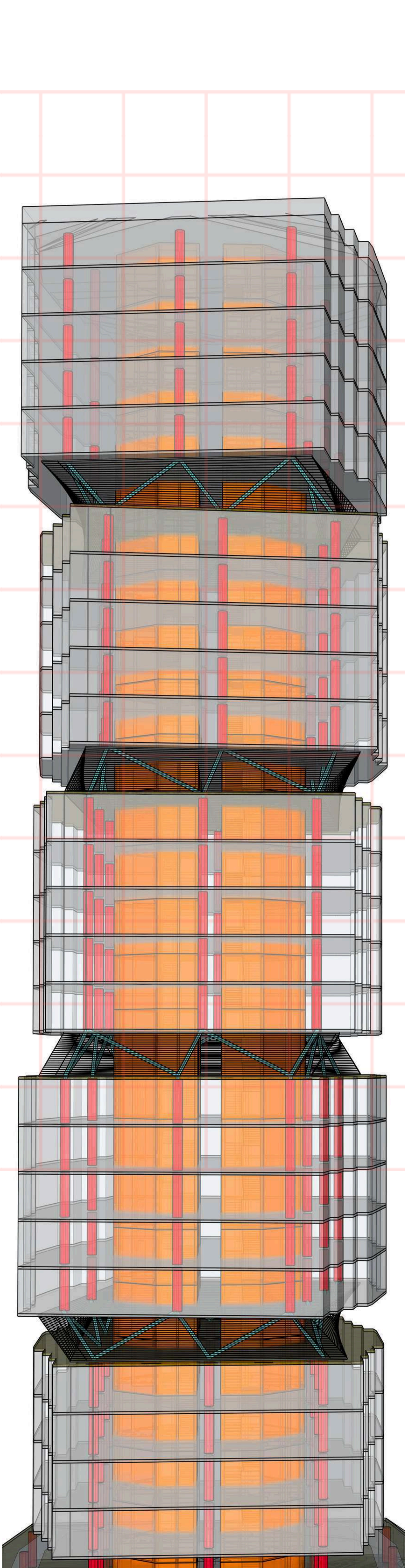


HOUSINGS PLAN

1/100



STRUCTURAL DIAGRAM



BUILDING CORE

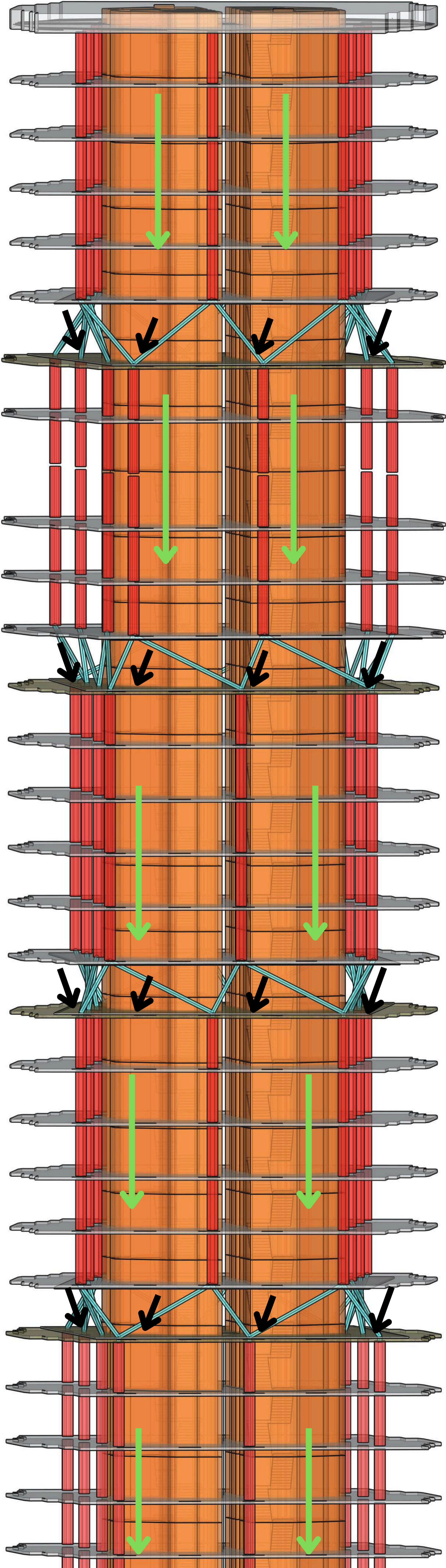


COLUMNS



STEEL TRUSS DISTRIBUTOR

LOAD TRANSFER



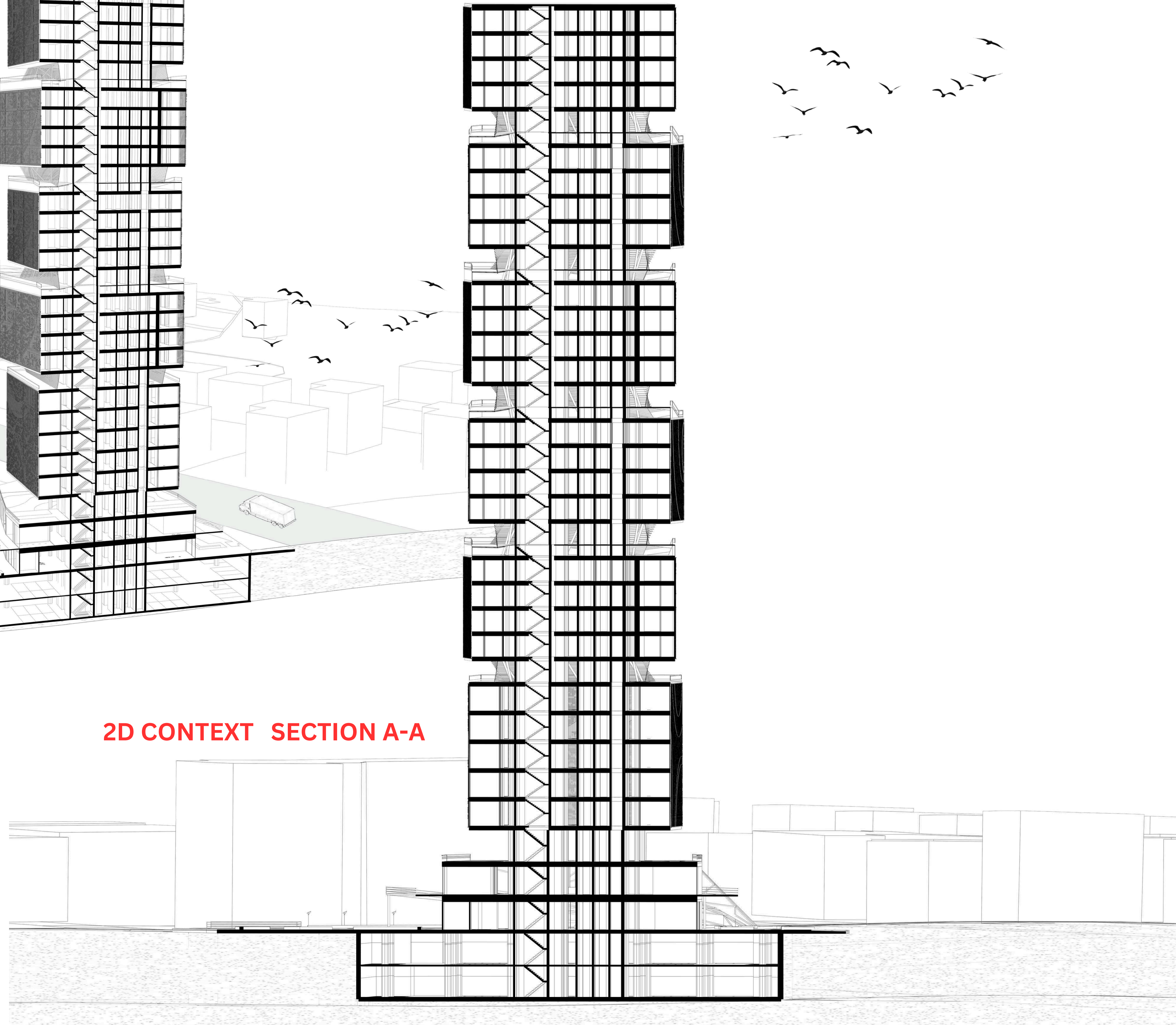


SECTIONS

CONTEXT ISOMETRIC SECTION



2D CONTEXT SECTION A-A

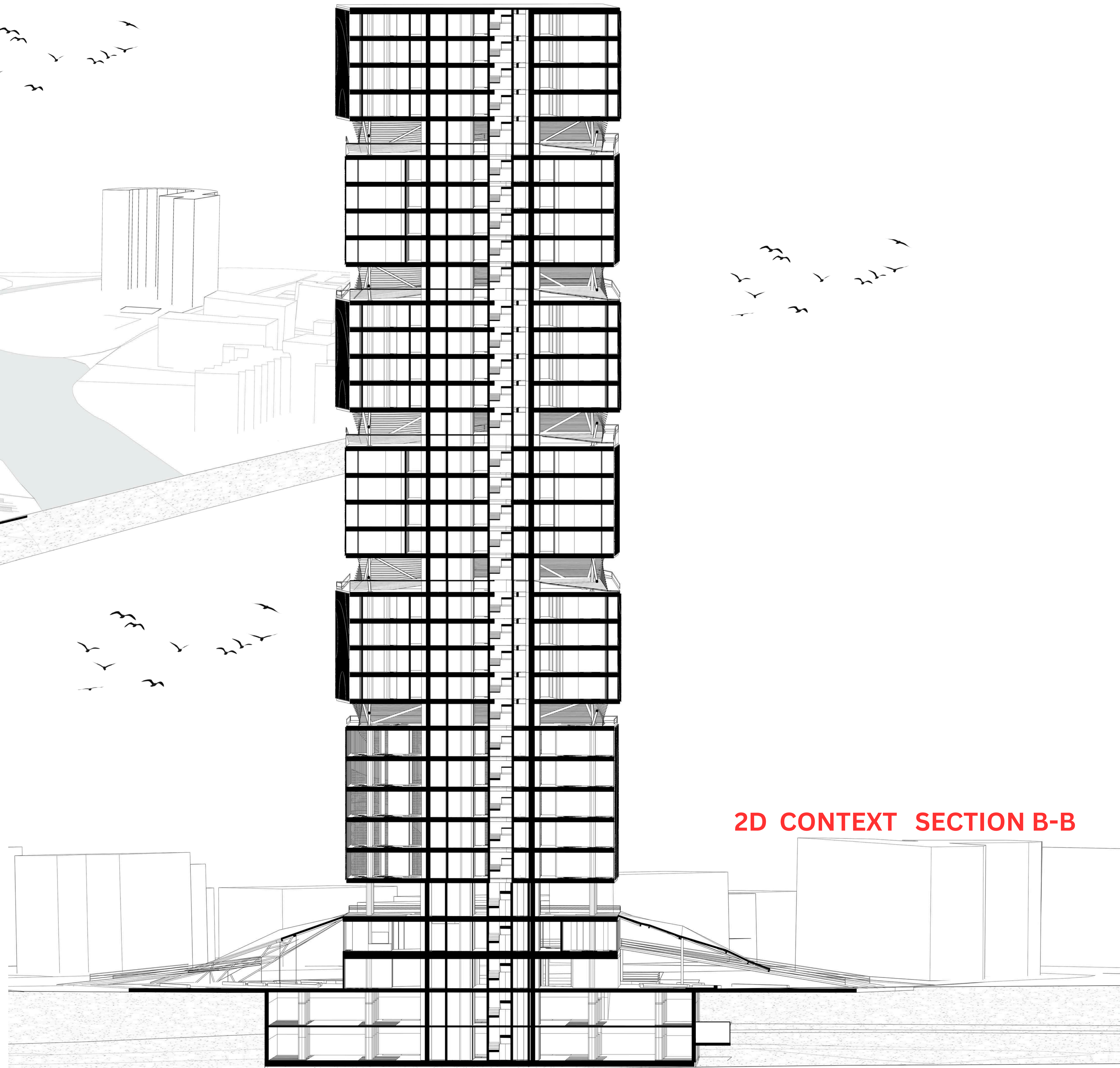


CONTEXT ISOMETRIC SECTION



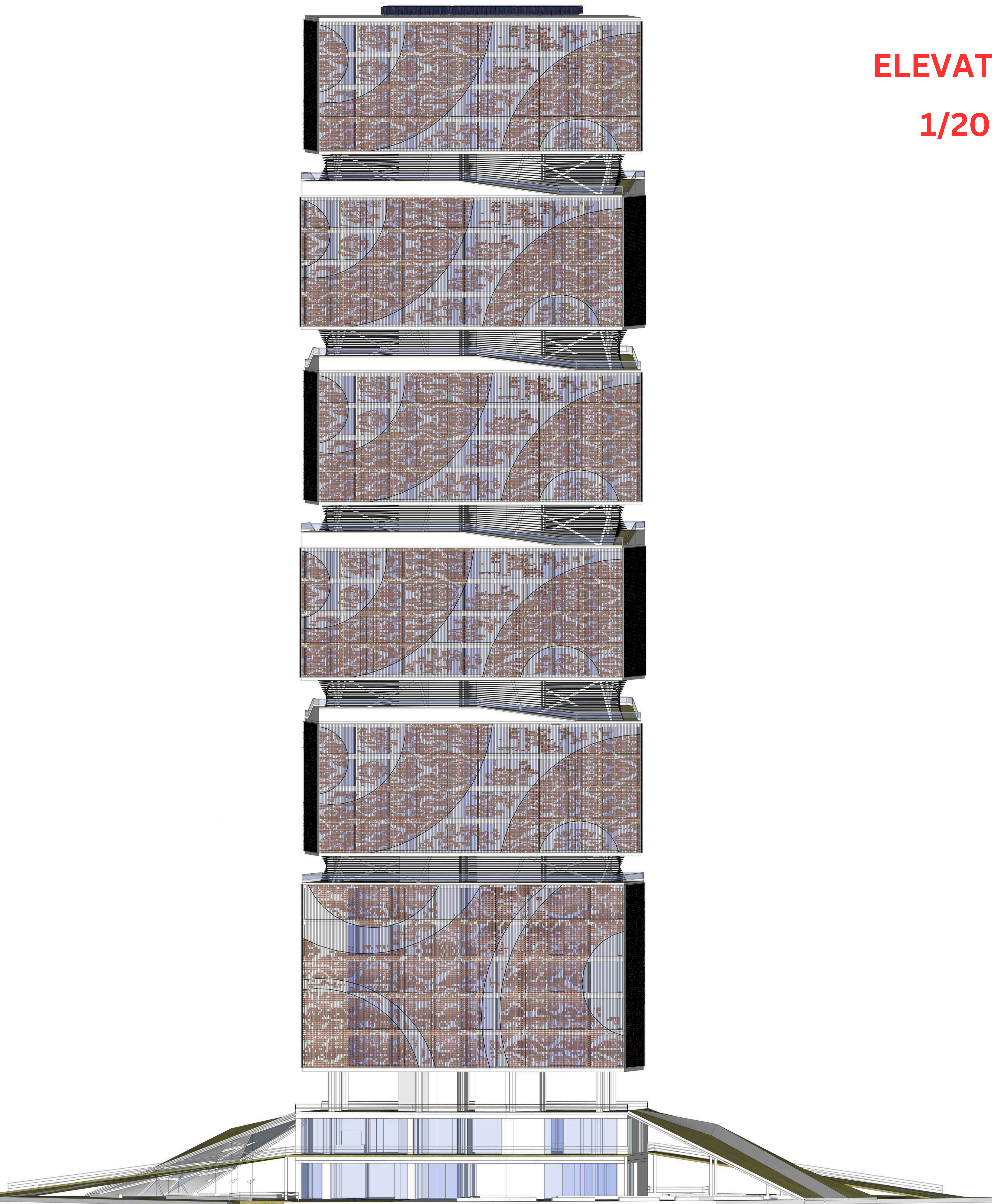
1/200

SECTIONS

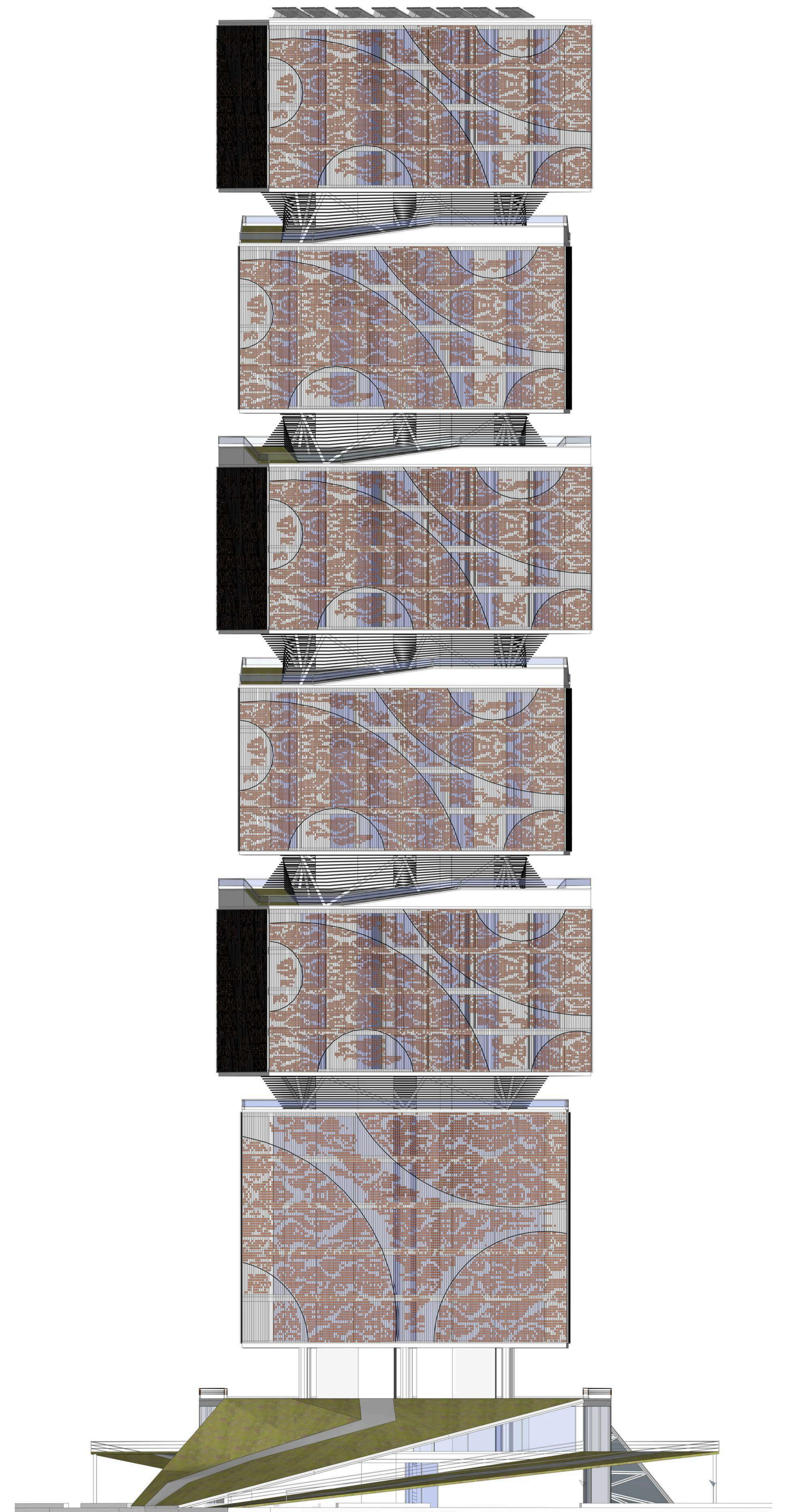


2D CONTEXT SECTION B-B

ELEVATION
1/200

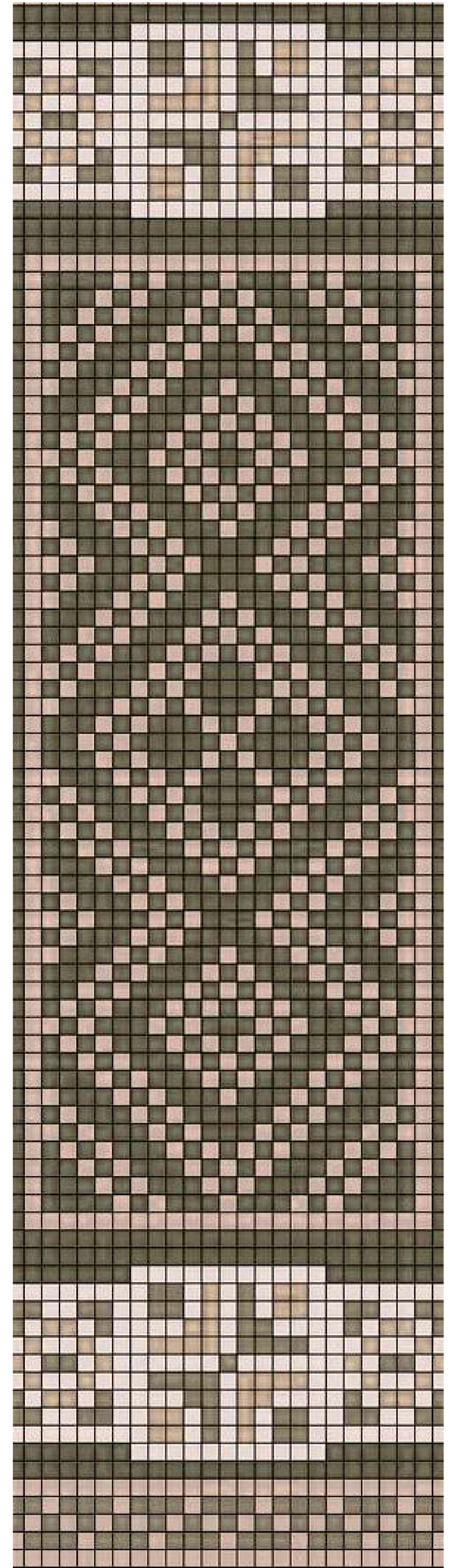
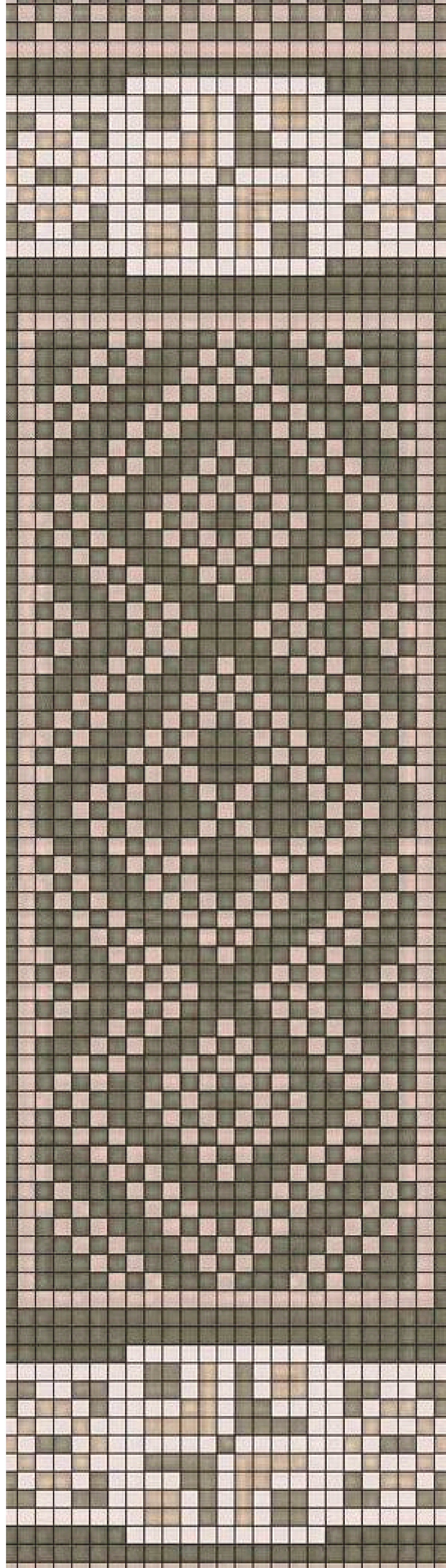


NORTH



WEST

FACADE DESIGN



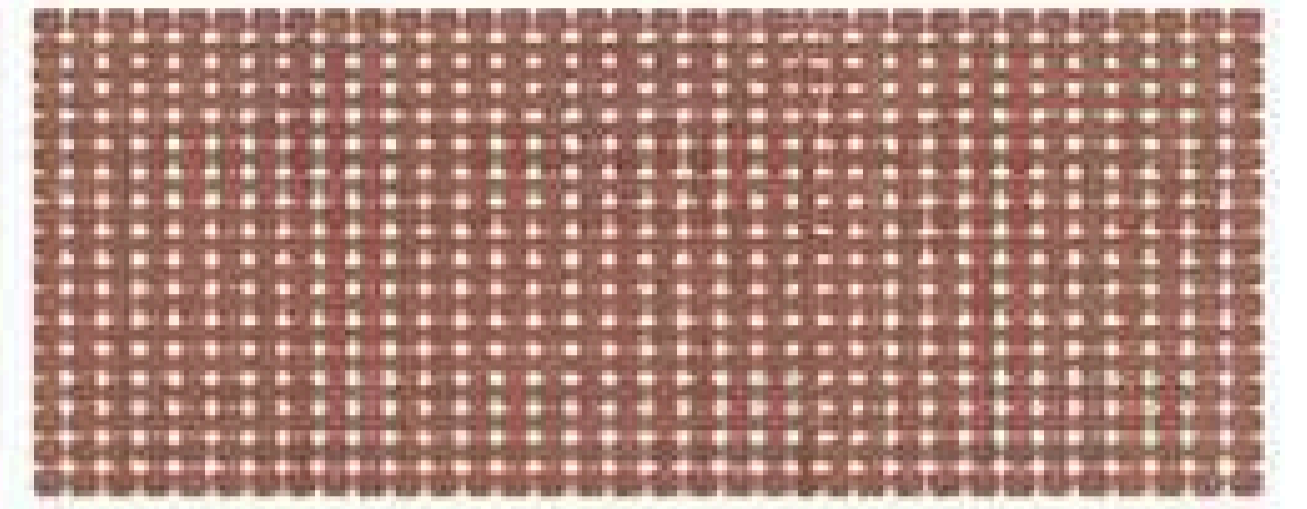
SUBTRACTION PATTERN

PIXELATED / FIGURE-GROUND PATTERN

the facade subtraction translate a figure ground square pattern into a brick screen. brick are removed based on a pixelated logic to create a perforated surface with varying porosity.

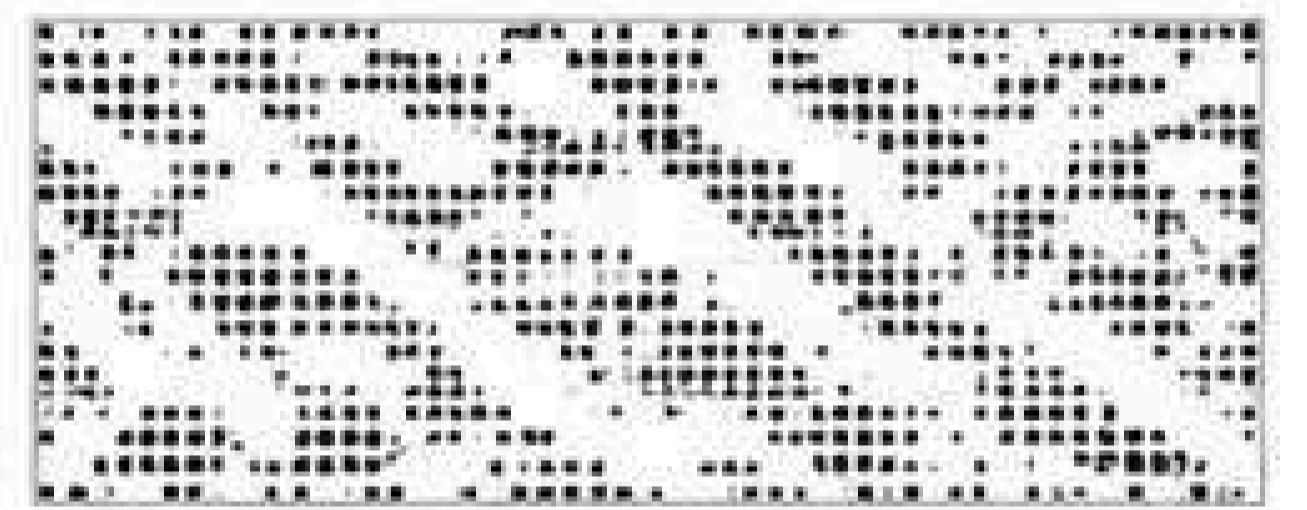
BASE SYSTEM 1

fully dense brick system (starting condition)

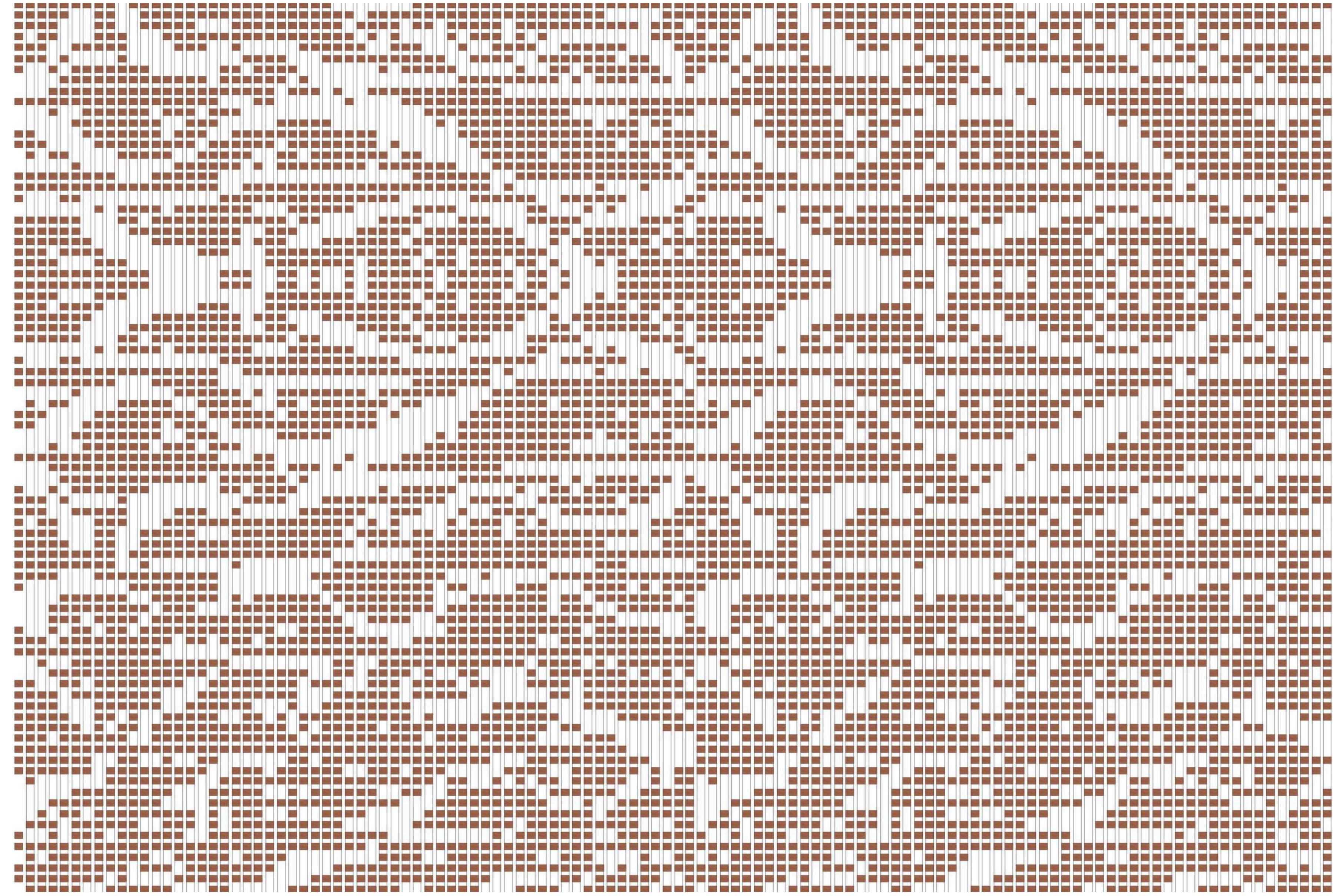


100% BRICK DENSITY

figure-ground pattern used as the subtraction guide



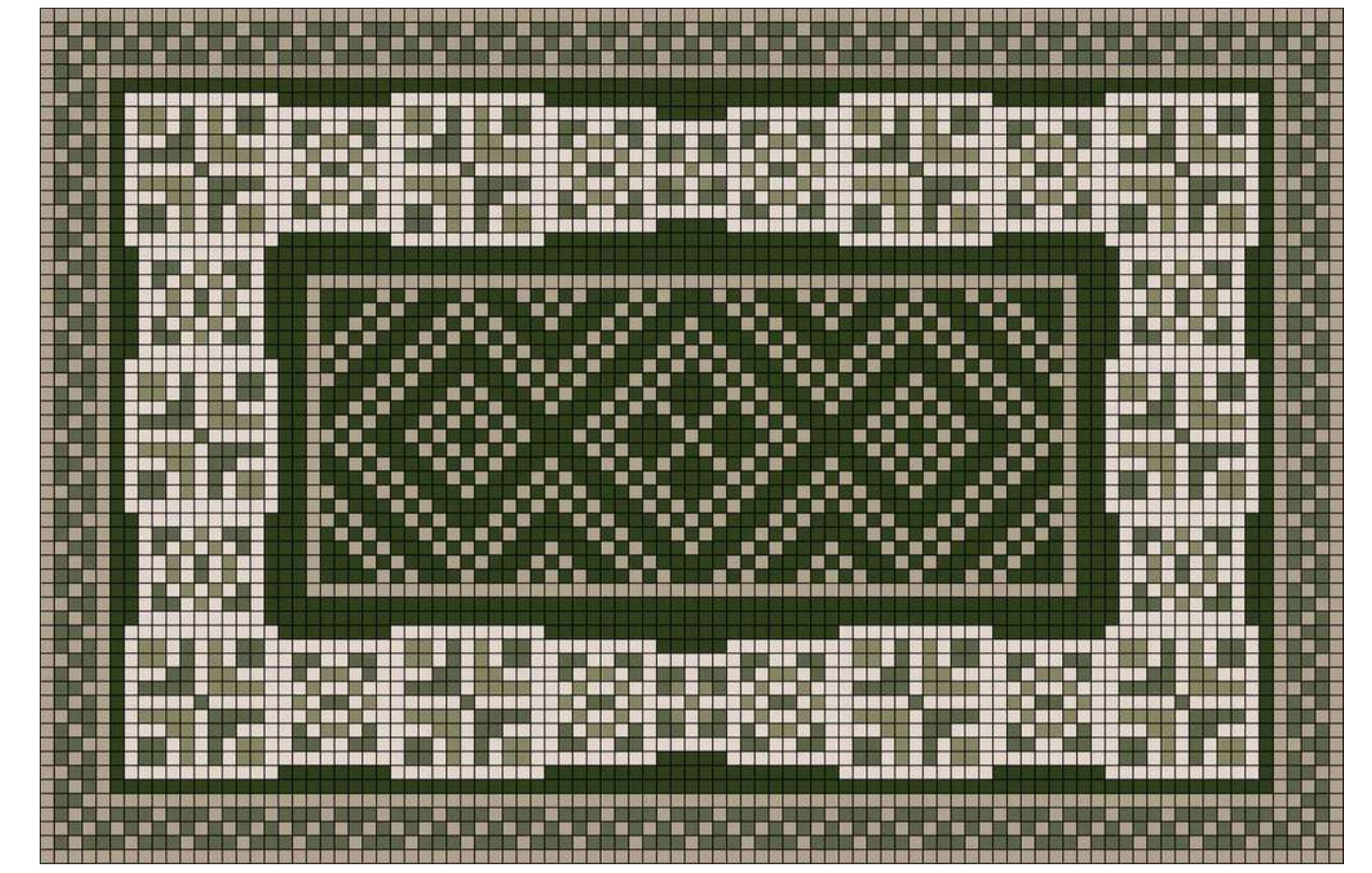
BASIC SYSTEM 2



DESIGN REFERENCE : MEDITERRANEAN CARPET PATTERN

the building facade is inspired by Mediterranean carpets that use squarish geometries and color variation to create traditional pattern. these patterns enhance a figure ground relationship through their pixelated arrangement.

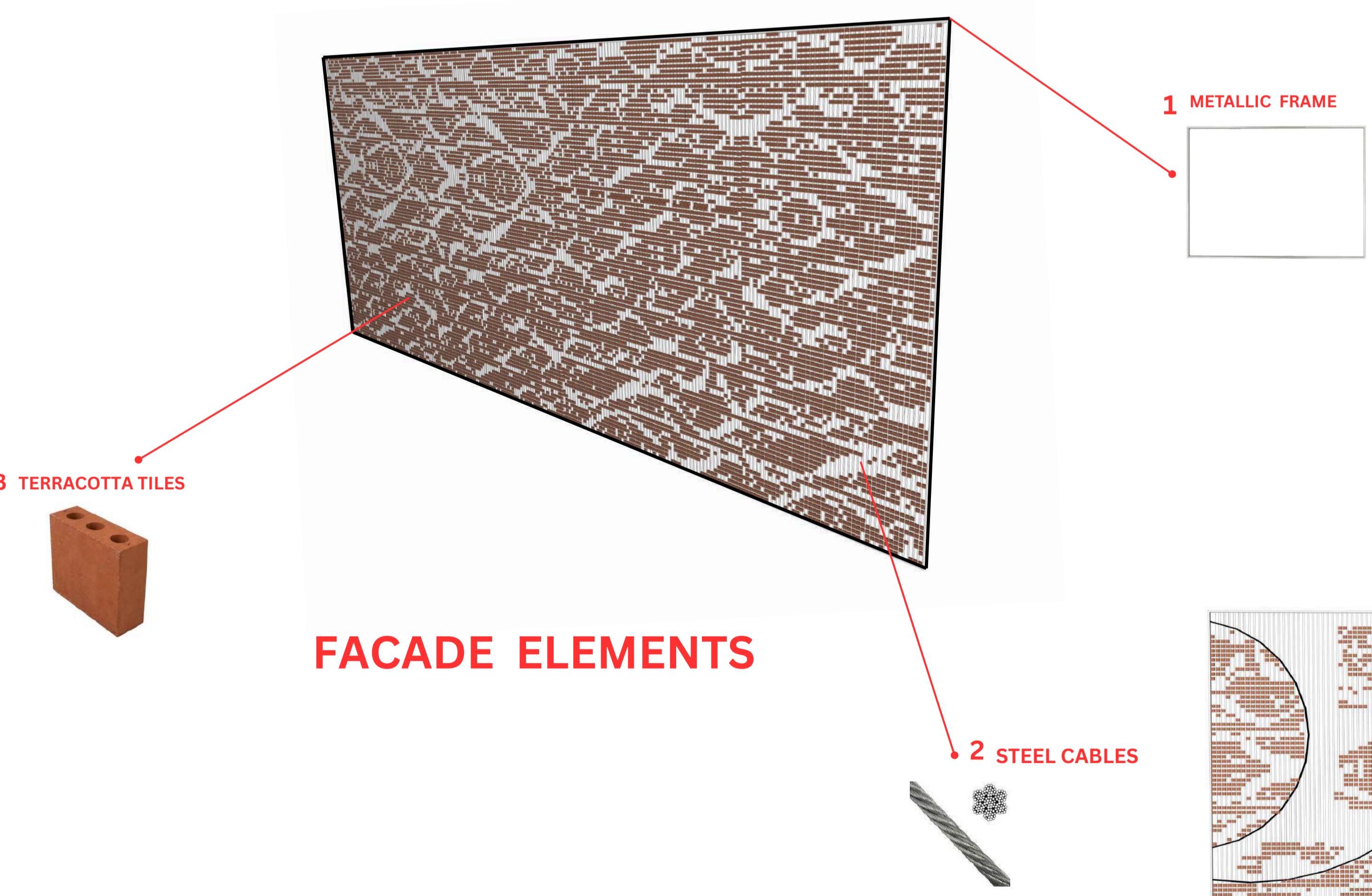
here, instead of using color variations, **substraction** have been used as a guide to achieve the figure ground logic.





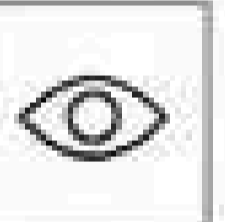
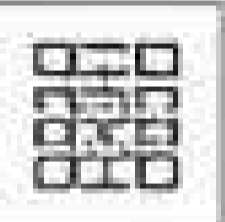

ARCHITECTURE AT ITS BEST IS A DIALOGUE ACROSS TIME



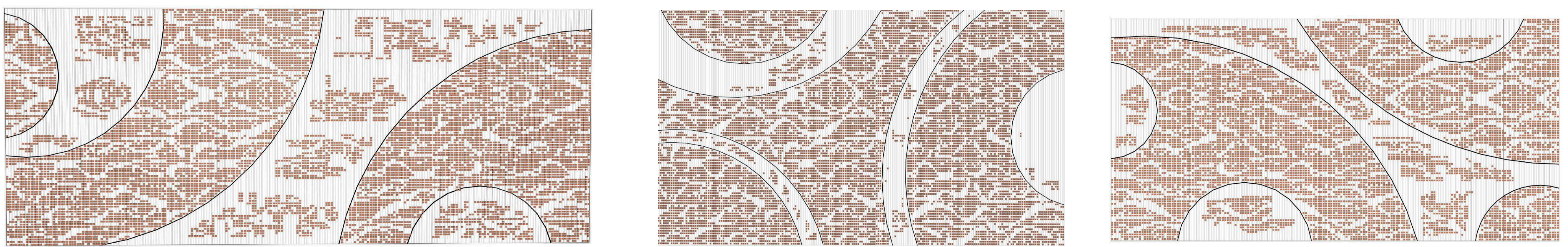
←--- DESIGN TRANSLATION ---→



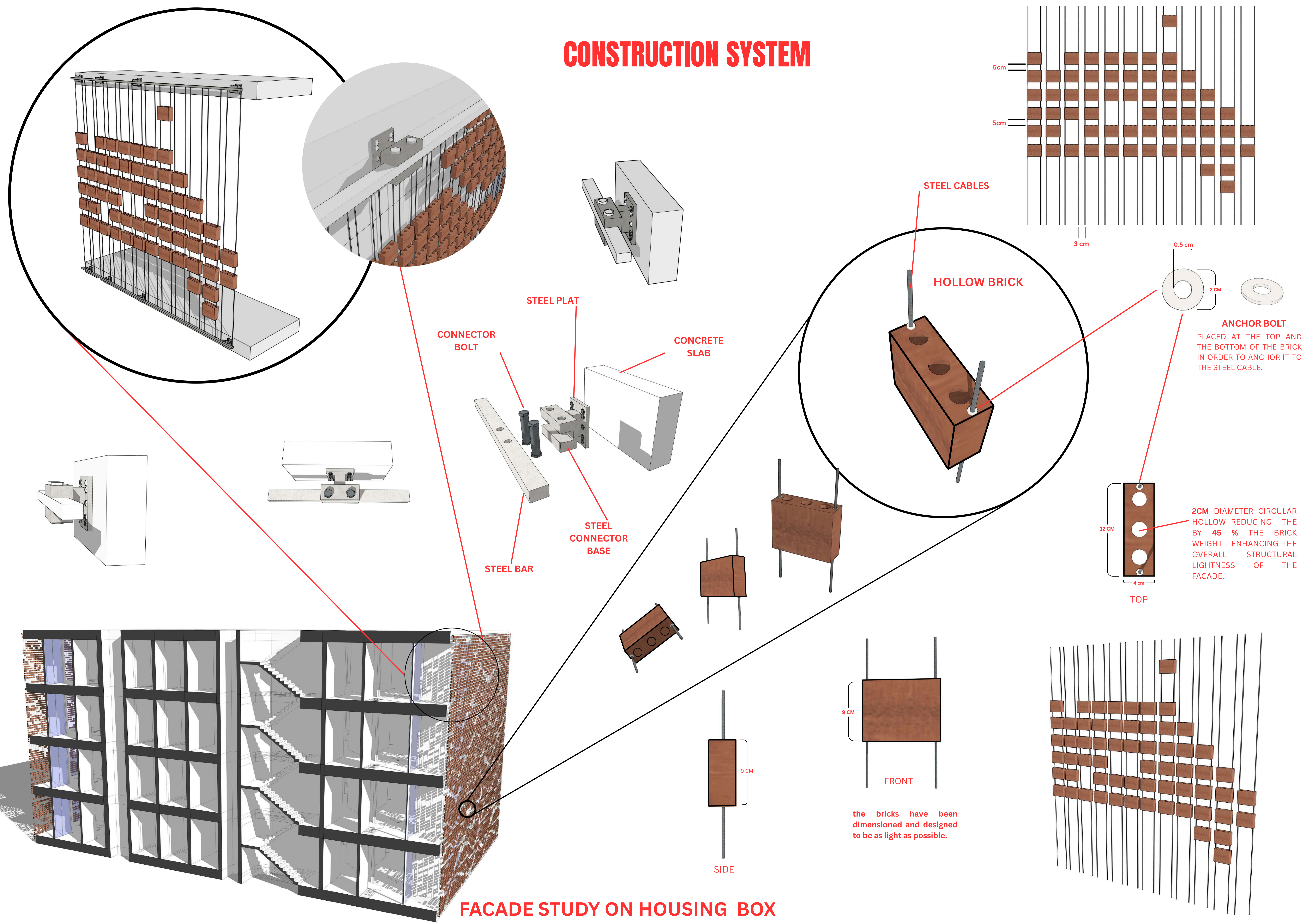
FACADE ELEMENTS

- 
 Controls daylight penetration
- 
 Enhances natural ventilation
- 
 Creates visual porosity and depth
- 
 Pixelated expression / contemporary identity
- 
 Energy efficient & climate responsive

FACADE VARIATION AND FINAL RESULT



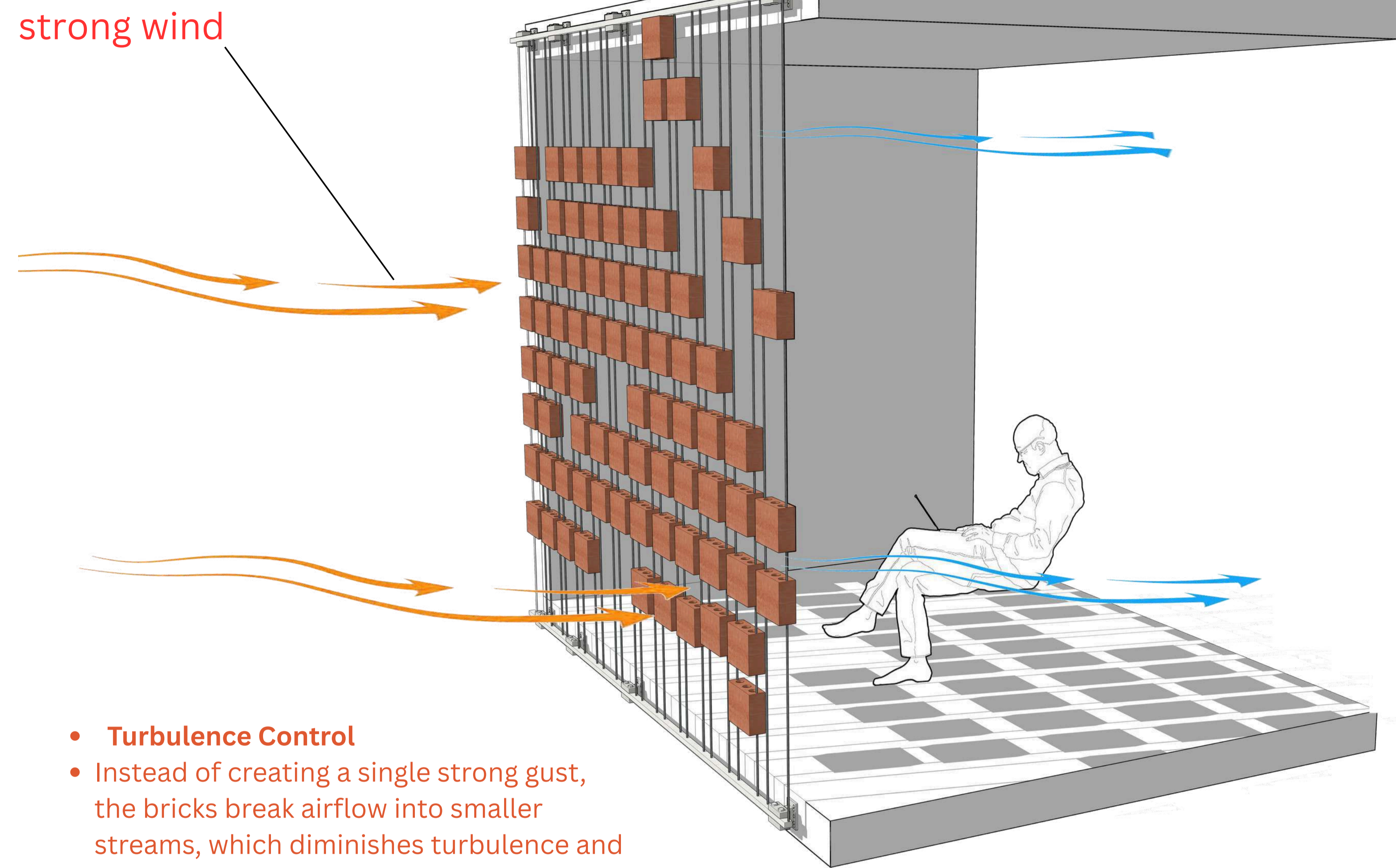
CONSTRUCTION SYSTEM



FACADE STUDY ON HOUSING BOX

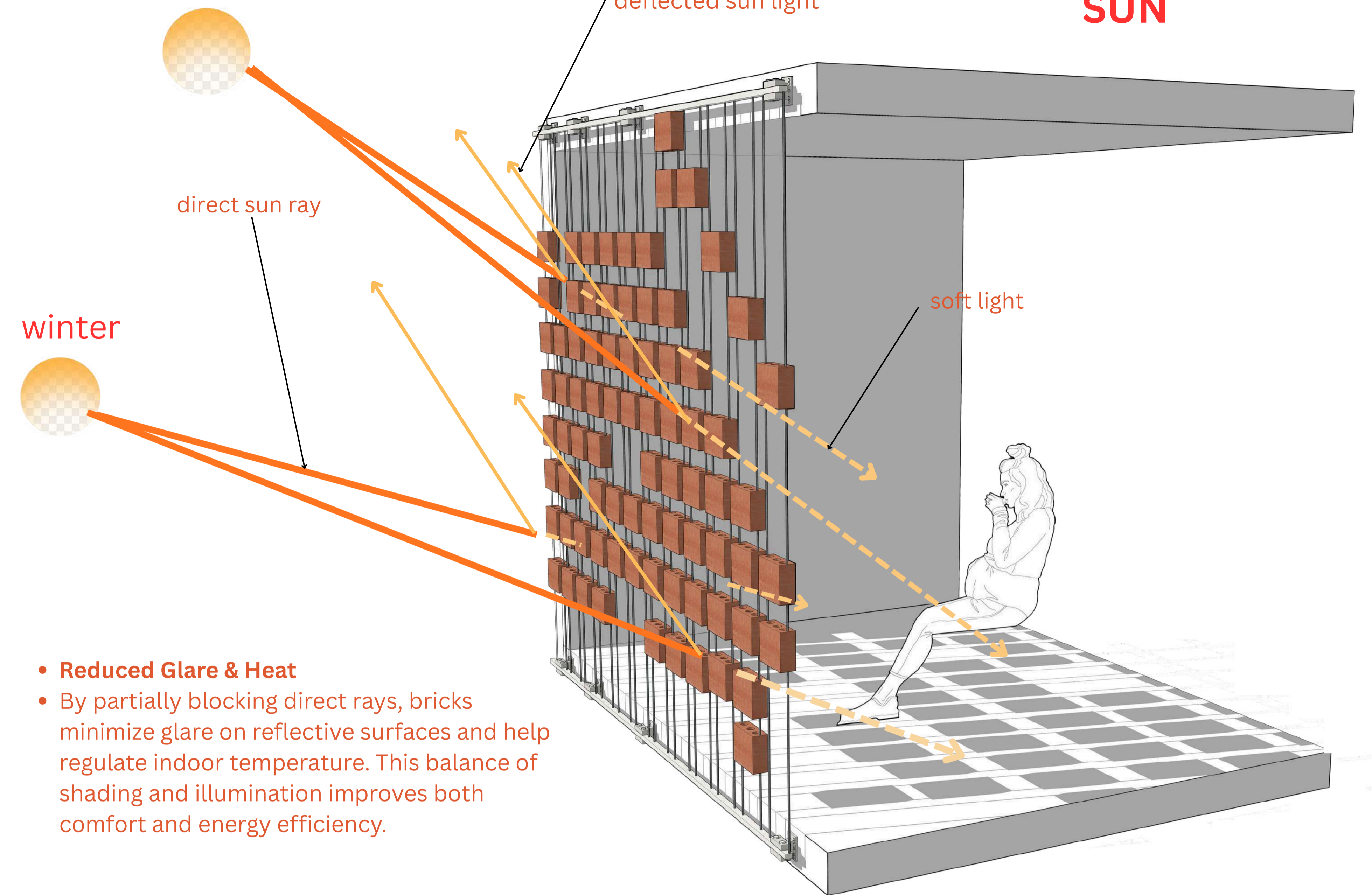
CLAMATIC VALUE

WIND



- **Turbulence Control**
- Instead of creating a single strong gust, the bricks break airflow into smaller streams, which diminishes turbulence and helps stabilize the microclimate around the building.

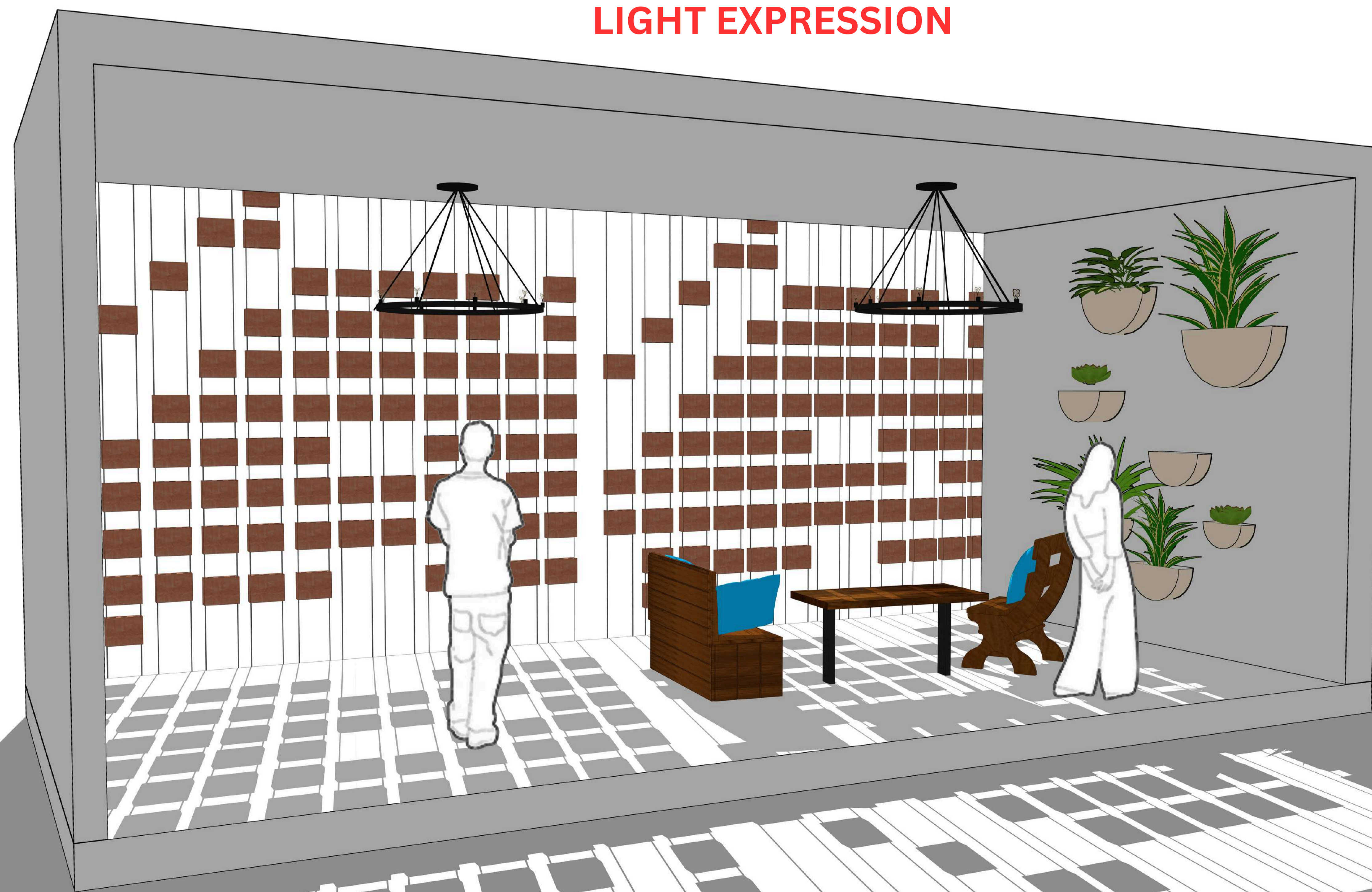
summer



winter

- **Reduced Glare & Heat**
- By partially blocking direct rays, bricks minimize glare on reflective surfaces and help regulate indoor temperature. This balance of shading and illumination improves both comfort and energy efficiency.

LIGHT EXPRESSION



1 NATURAL ATMOSPHERE

THE WARM TONES OF BRICKS COMBINED WITH FILTERED LIGHT ADD A NATURAL, CALMING QUALITY TO INTERIORS. THIS EFFECT IS USE TO FOSTER A WELCOMING ENVIRONMENT.

2 DYNAMIC PATTERNS

AS THE SUN MOVES, BRICKS CAST CHANGING SHADOWS AND STRIPES ACROSS WALLS AND FLOORS. THIS CREATES A SENSE OF RHYTHM AND MOVEMENT, ENRICHING THE SPATIAL EXPERIENCE AND CONNECTING OCCUPANTS TO THE PASSAGE OF TIME.

3 DIFFUSION & SOFTNESS

BRICKS BREAK DIRECT SUNLIGHT INTO SMALLER STREAMS, PRODUCING A GENTLE, AMBIENT GLOW RATHER THAN HARSH BEAMS. THIS MAKES SPACES MORE COMFORTABLE FOR ACTIVITIES LIKE READING, WORKING, RESTING.

LIGHT EXPRESSION ON BALCONY

SECTION DETAIL 1/50

