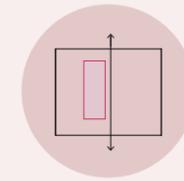


# ACTS of CLEANING

Activating the interior space of the urban block



27/06/2019

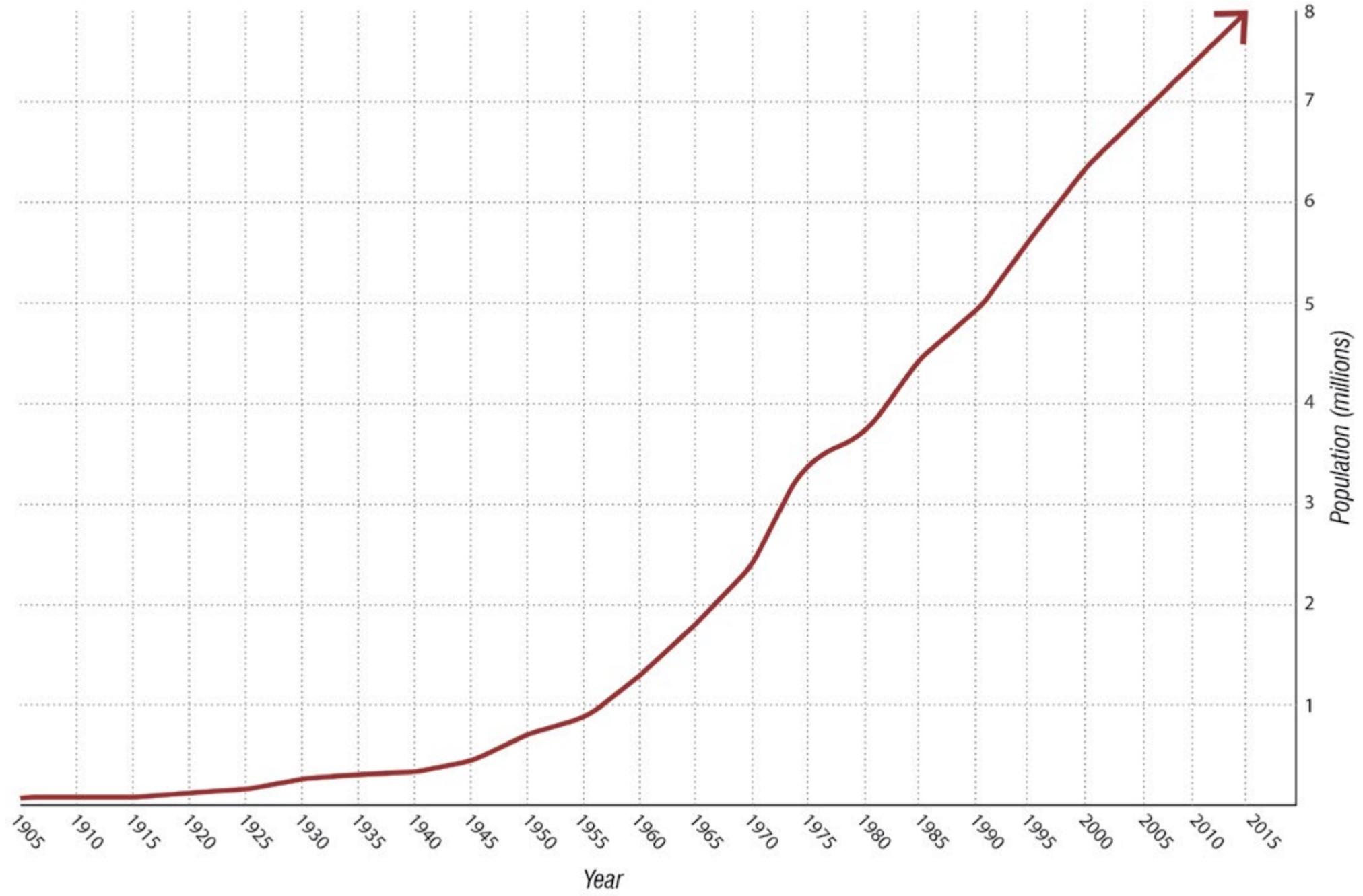
P5 PRESENTATION

Miguel Angel Peluffo Navarro

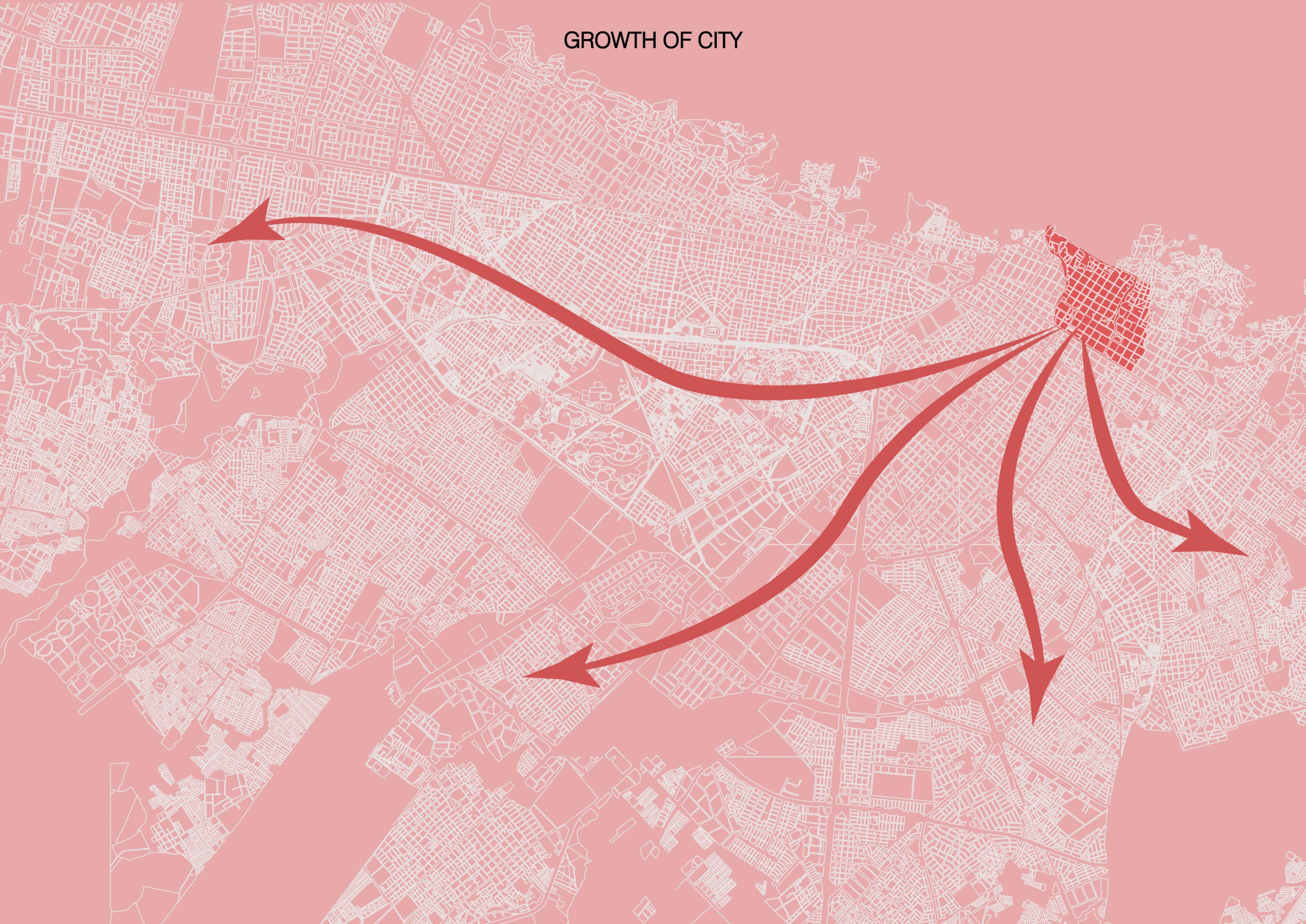
4517830



# POPULATION GROWTH

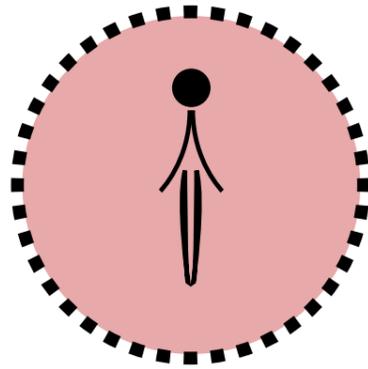


# GROWTH OF CITY

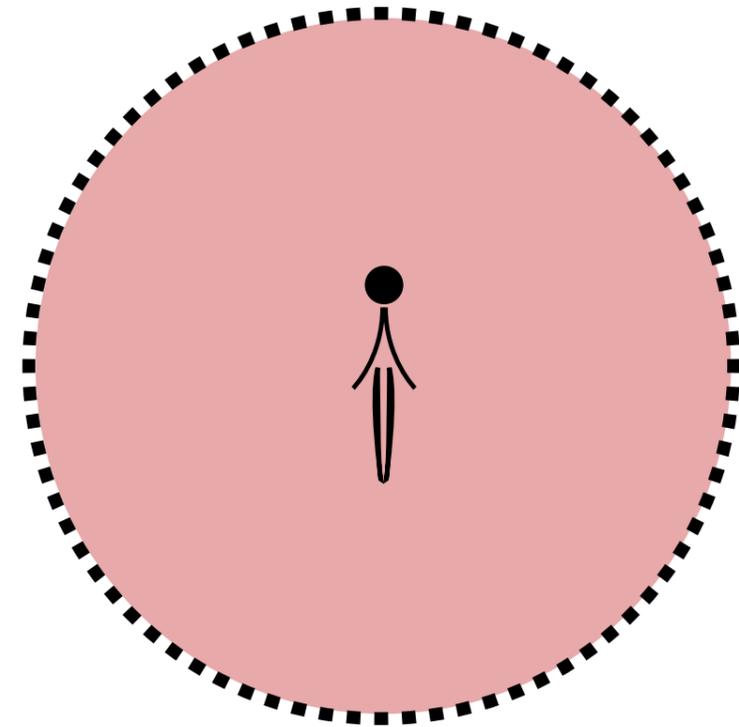


# LACK OF PUBLIC SPACE

Bogota



National Goal

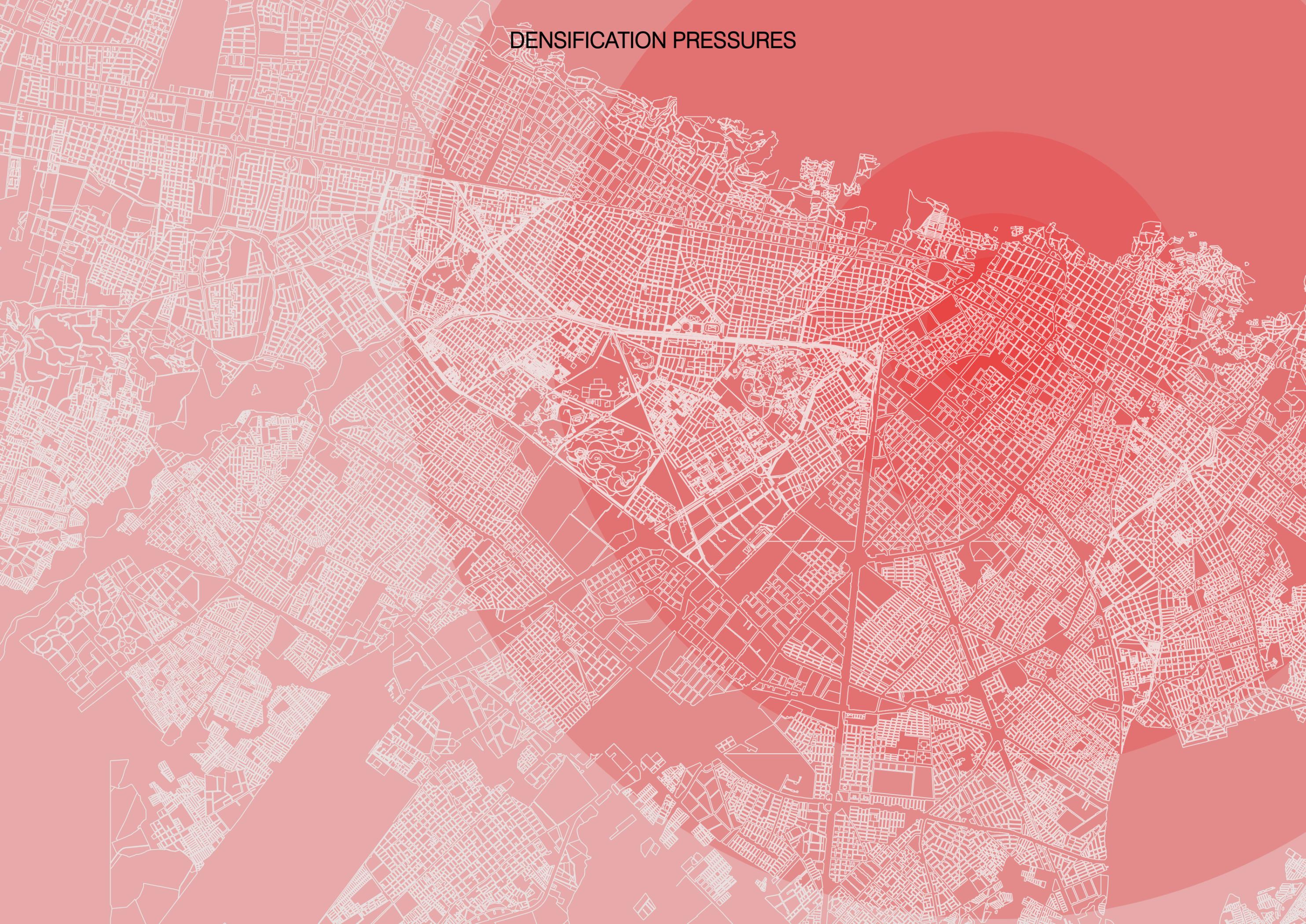


**3.9**

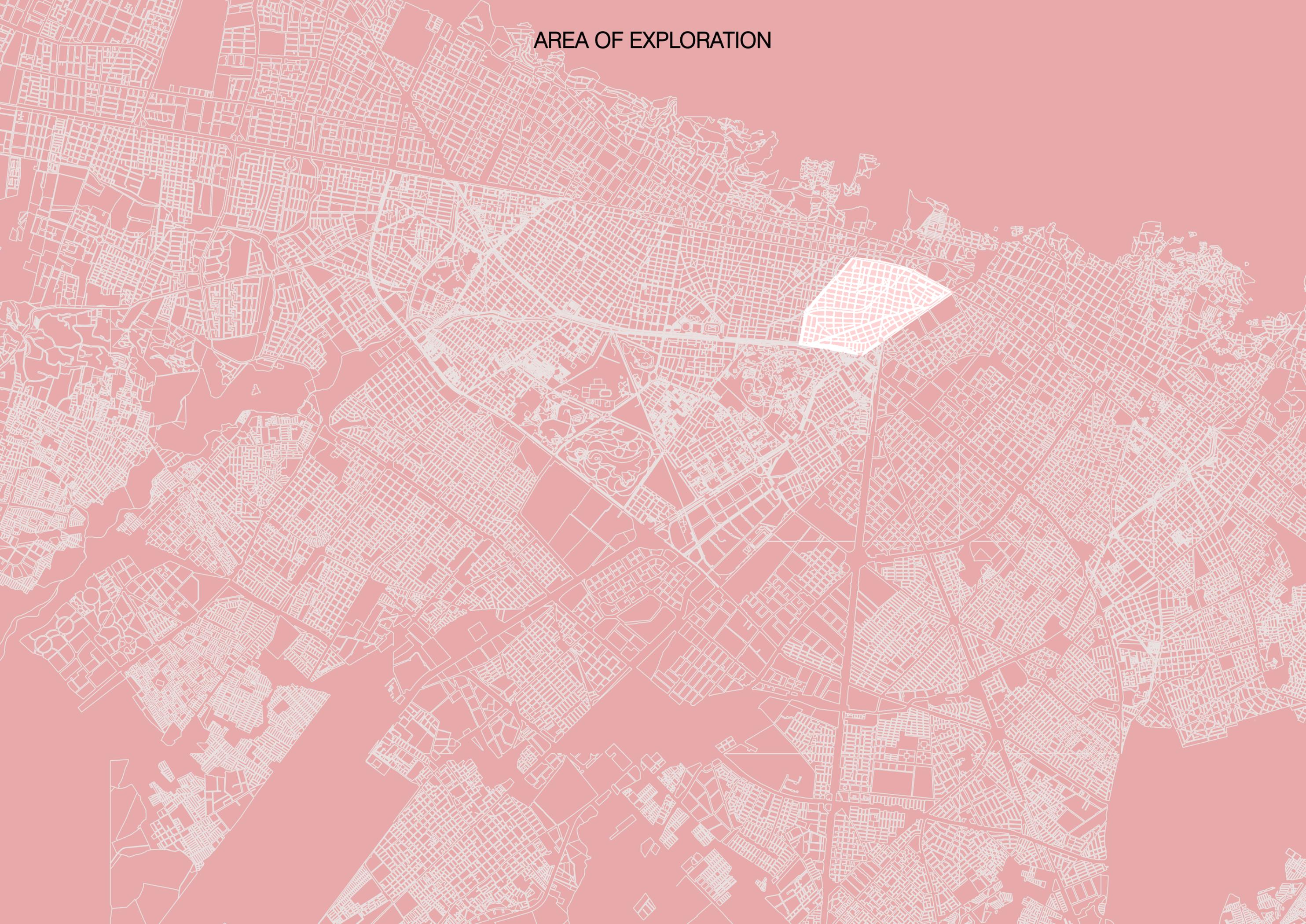
Public Space per inhabitant (m<sup>2</sup>)

**15**

# DENSIFICATION PRESSURES



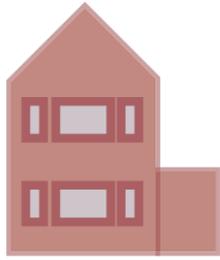
# AREA OF EXPLORATION



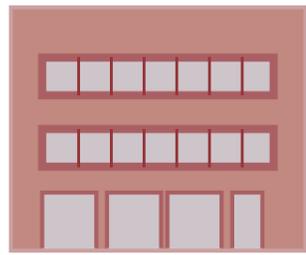
# TEUSAQUILLO



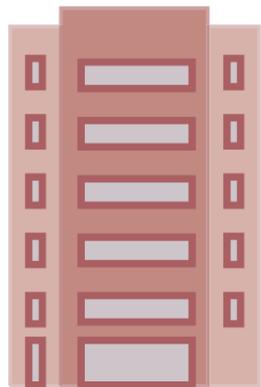
# BUILDINGS IN TEUSAQUILLO



English style house  
+1940



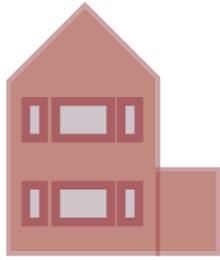
Apartment block  
+1960



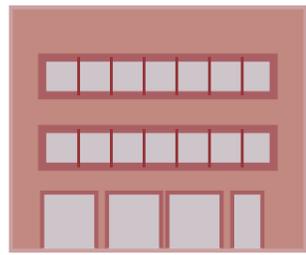
Apartment block  
+1980



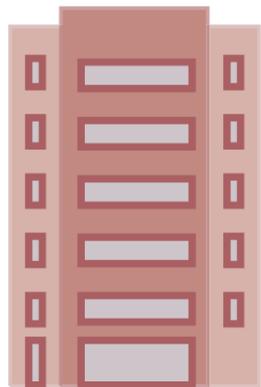
# RECONFIGURATION OF BUILDINGS



English style house  
+1940



Apartment block  
+1960



Apartment block  
+1980



# THE INTERIOR SPACE AS A RESOURCE

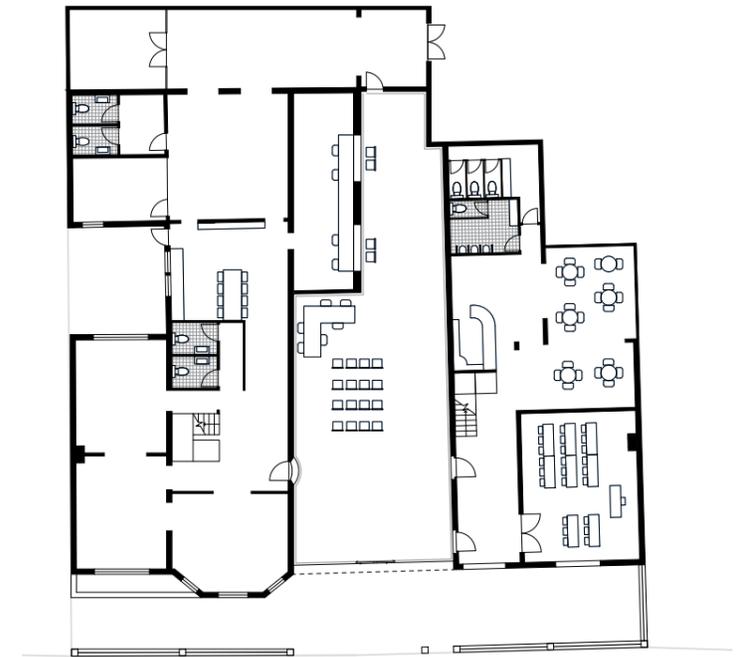
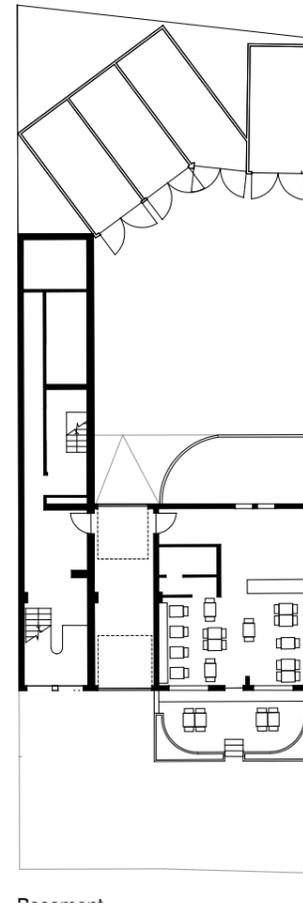
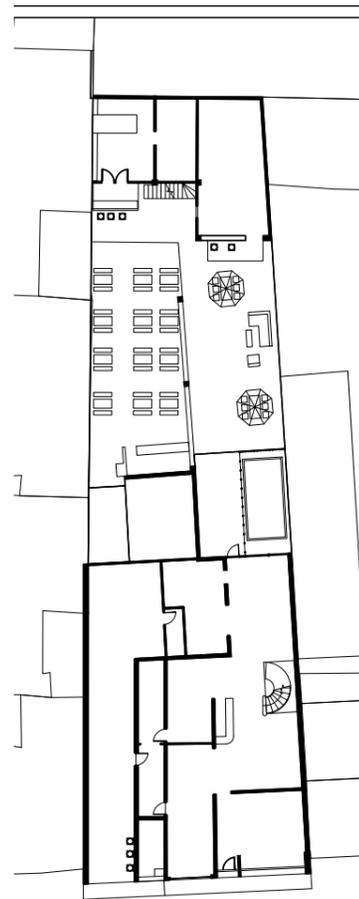
El Patio



Apartment block along parkway

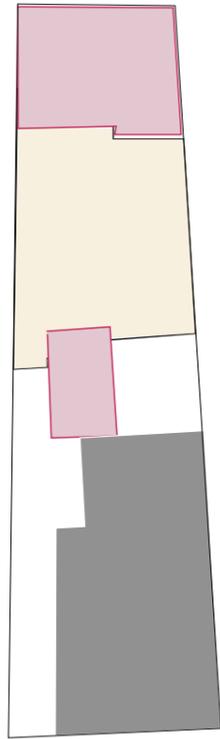


University building



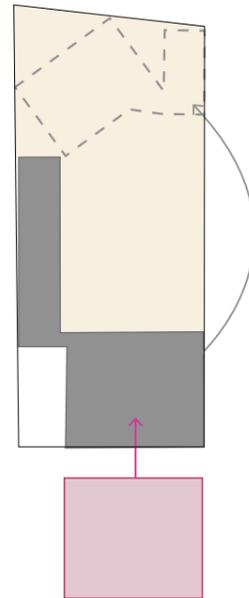
# THE INTERIOR SPACE AS A RESOURCE

El Patio



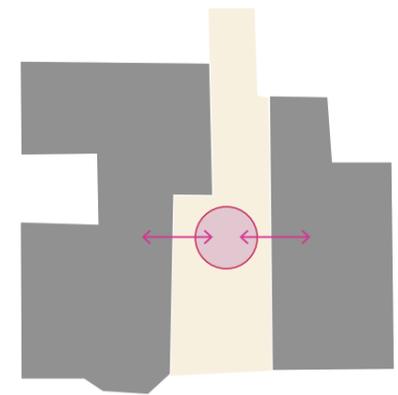
Using it to provide more activity on plot

Apartment block along parkway



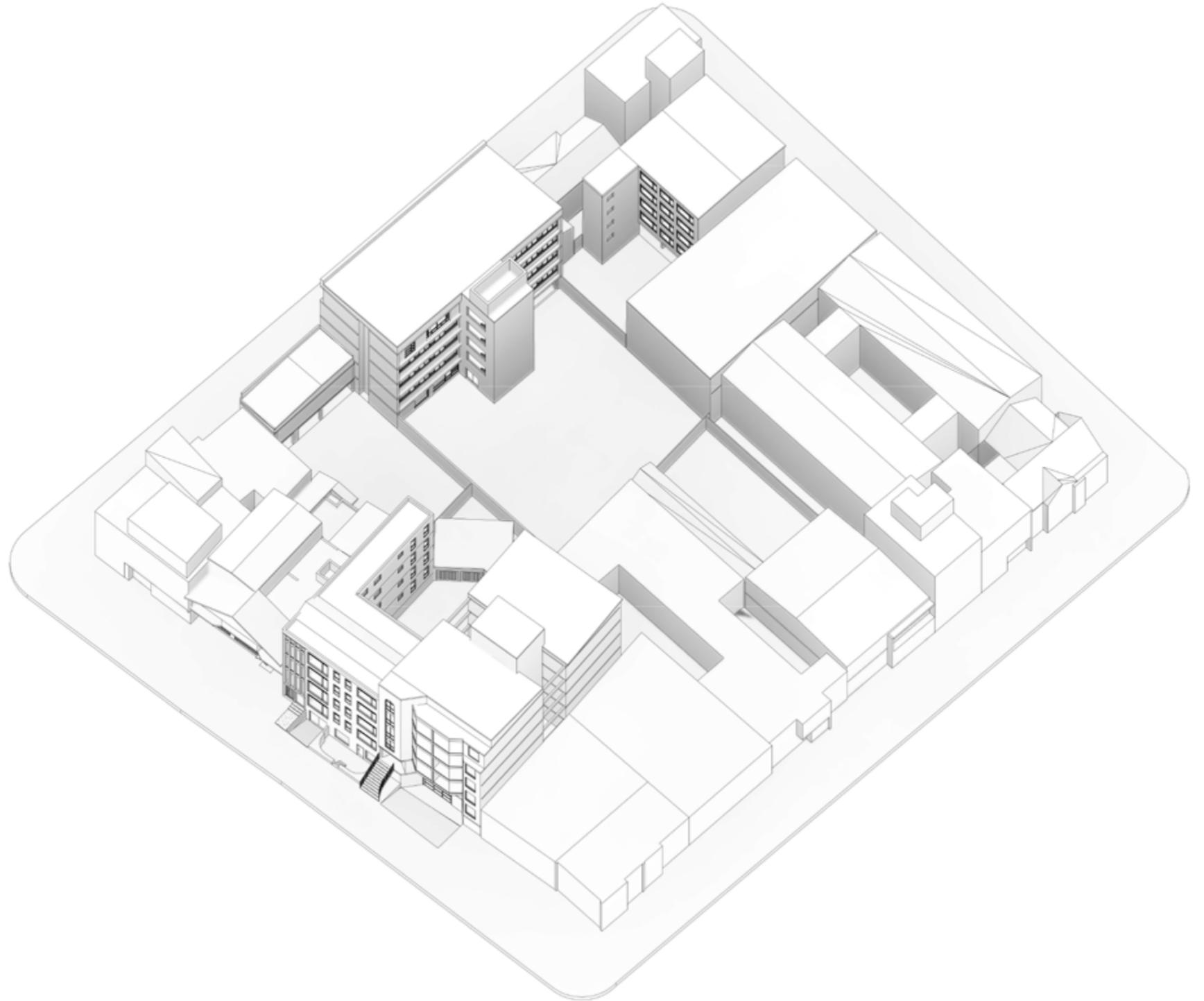
Using it to offset communal parking space in order to provide room for new activity

Unversity building



Using it to unify two buildings

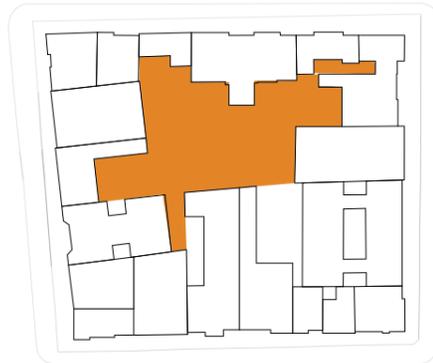
# THE CURRENT SITUATION



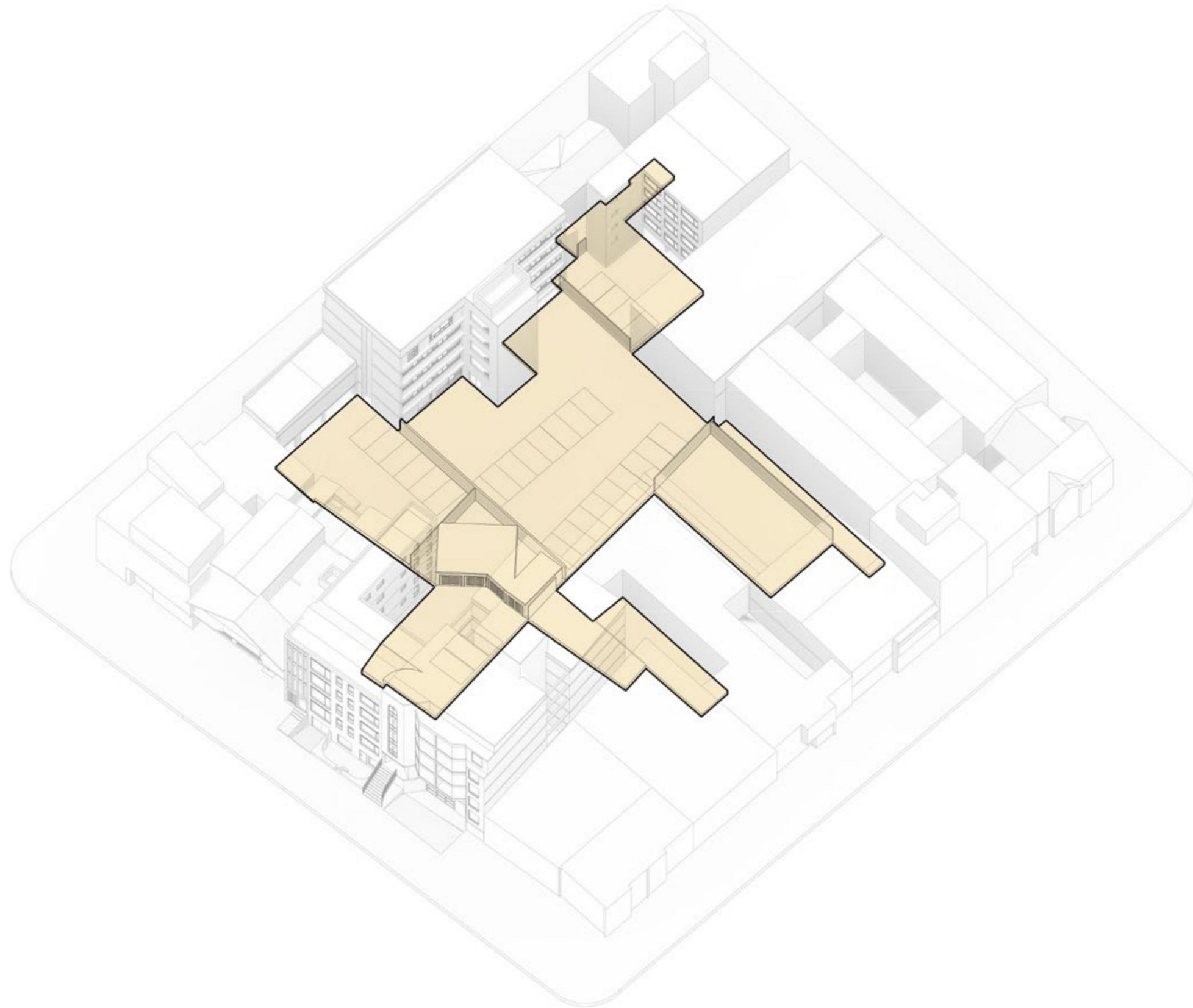
# THE CURRENT SITUATION

The interior's current use

Parking/Storage area

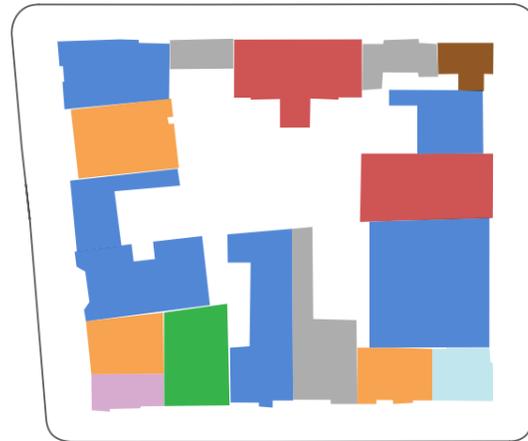


Private Gardens

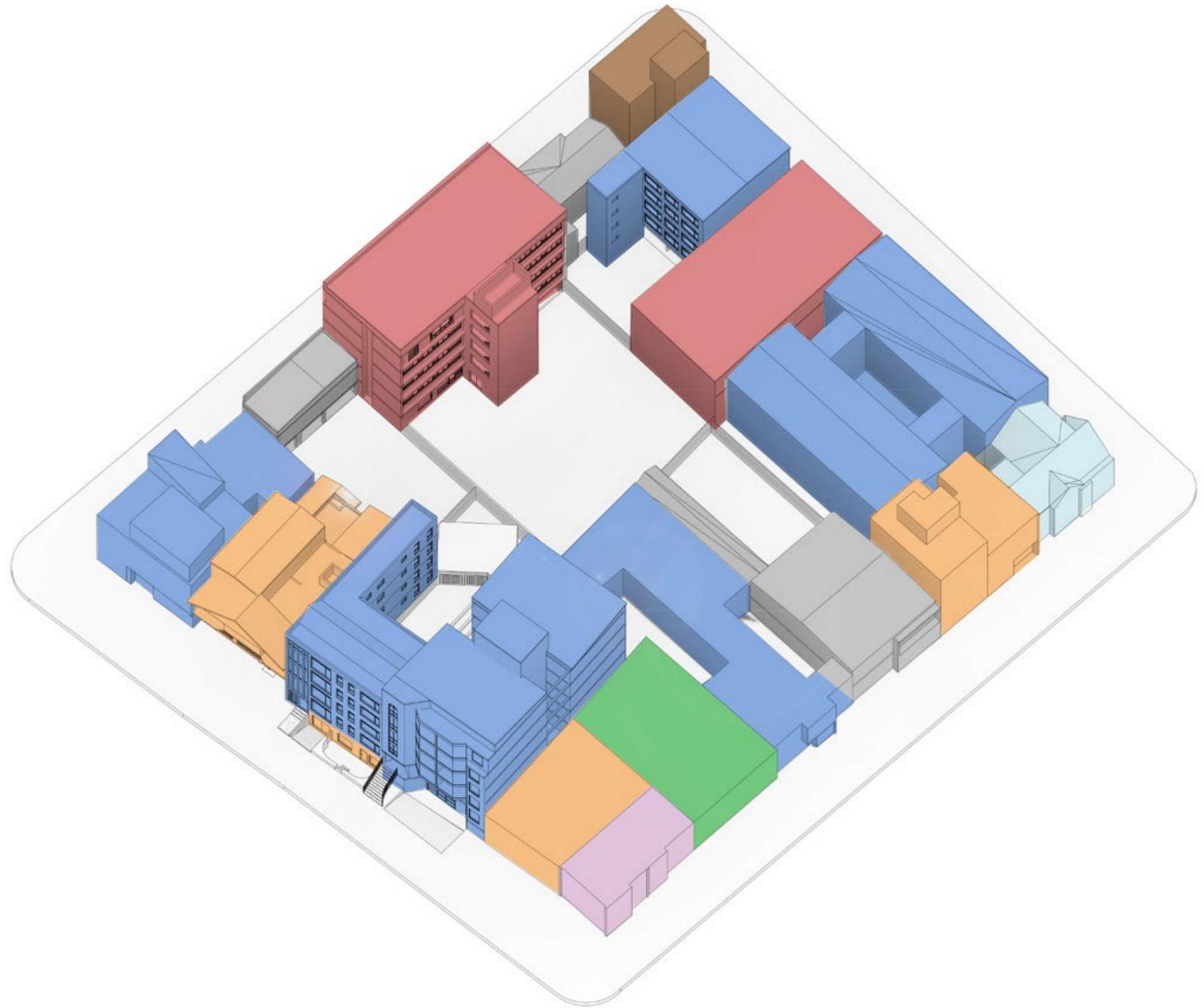


# THE CURRENT SITUATION

Existing Activity



- |   |   |
|---|---|
|  Residential |  Service       |
|  Hospitality |  Institutional |
|  Academic    |  Office        |
|  Multiuse    |  Empty         |



## PROJECT AIM

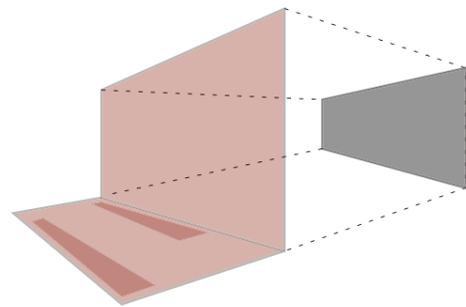
Enhance the performative quality of the interior space of urban blocks in relation to the city's need.



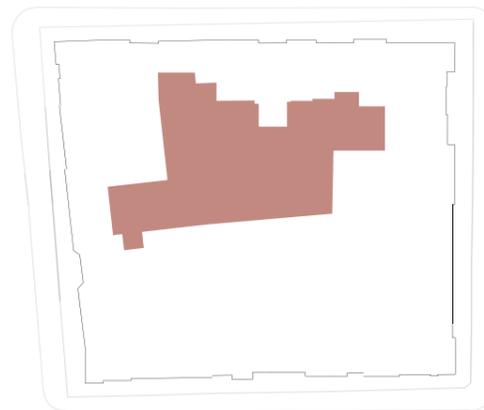
How can the urban block be transformed in order to activate the interior space?

# DESIGN METHODS

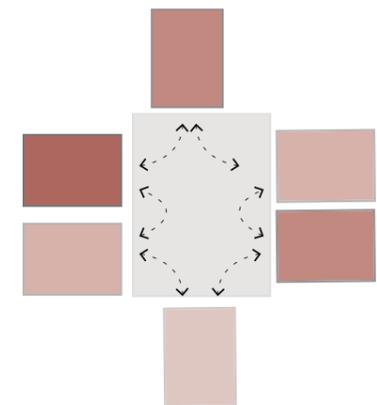
## 1. THE SENSE OF FRONT



## 2. MULTIFACETED INTERIOR

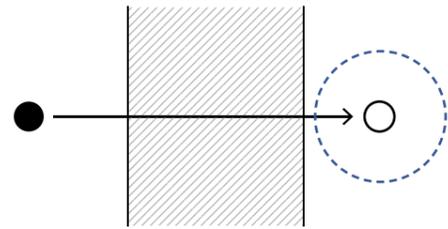


## 3. MEDIATING BETWEEN ACTIVITIES

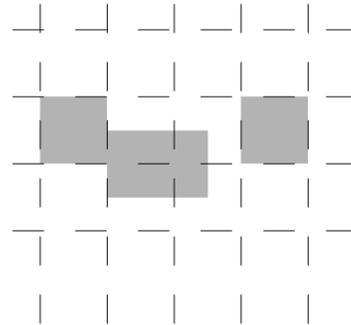


# DESIGN ASPECTS

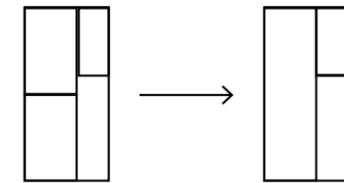
## 1. ACCESS & PERCEPTION



## 2. ARRANGEMENT OF INT. SPACE



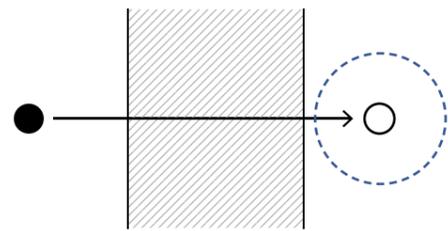
## 3. BUILDING RECONFIGURATION



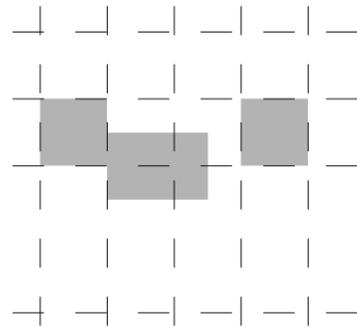
# Developing a System

## ACTS OF CLEANING

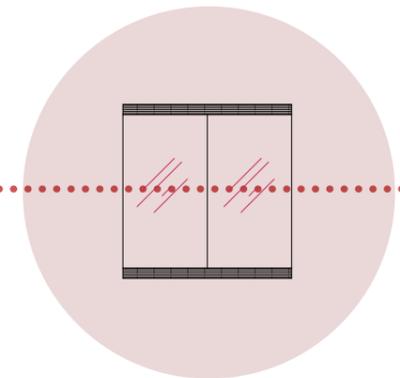
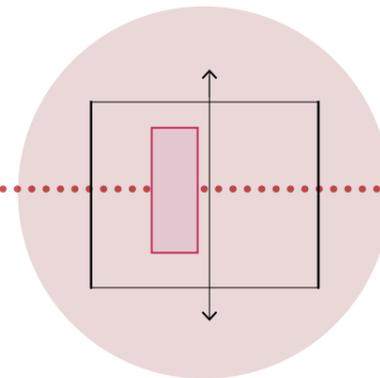
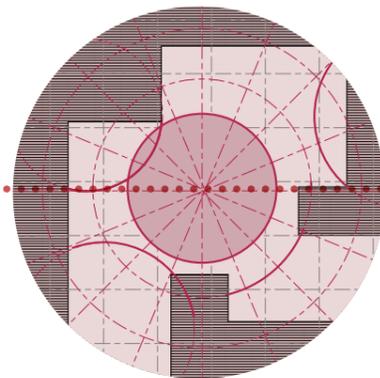
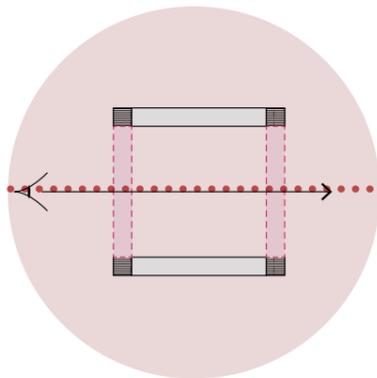
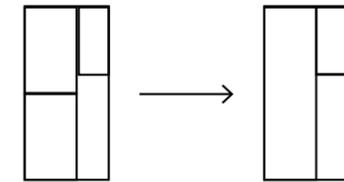
### 1. ACCESS & PERCEPTION



### 2. ARRANGEMENT OF INT. SPACE

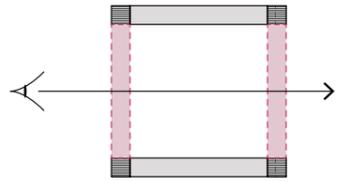


### 3. BUILDING RECONFIGURATION

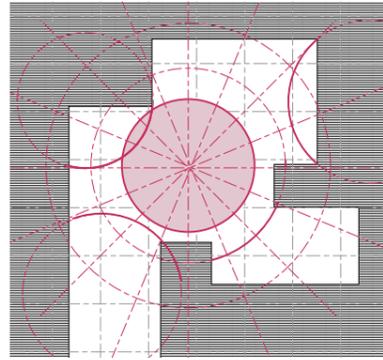


# ACTS OF CLEANING

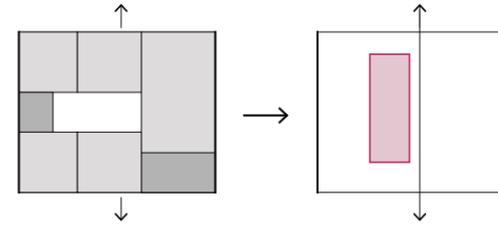
*Cleaning away obstructions*



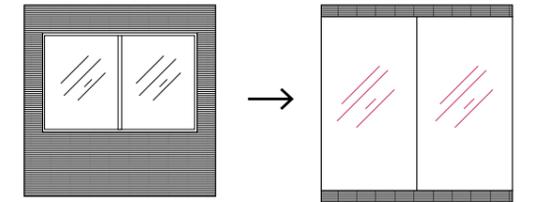
*Cleaning through a circular rational*



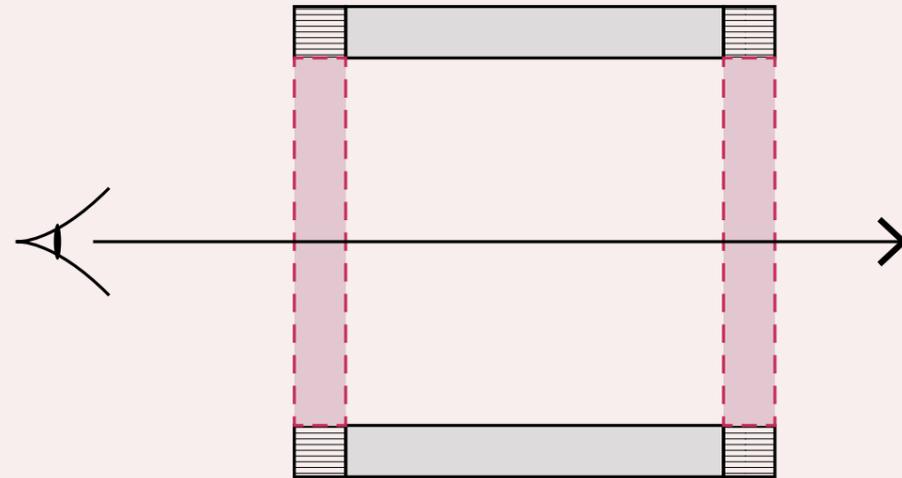
*Cleaning through reconfiguring*



*Cleaning through transparency*

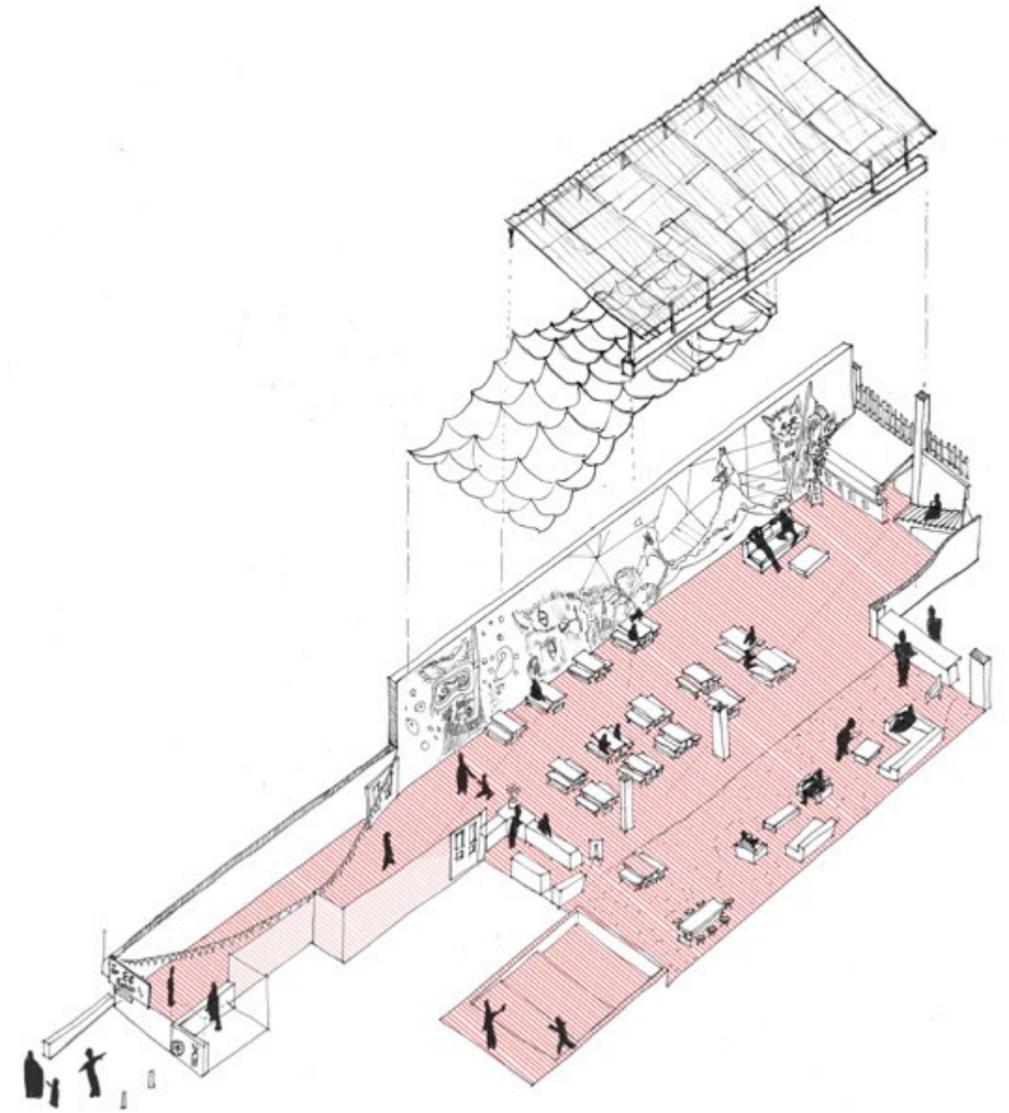
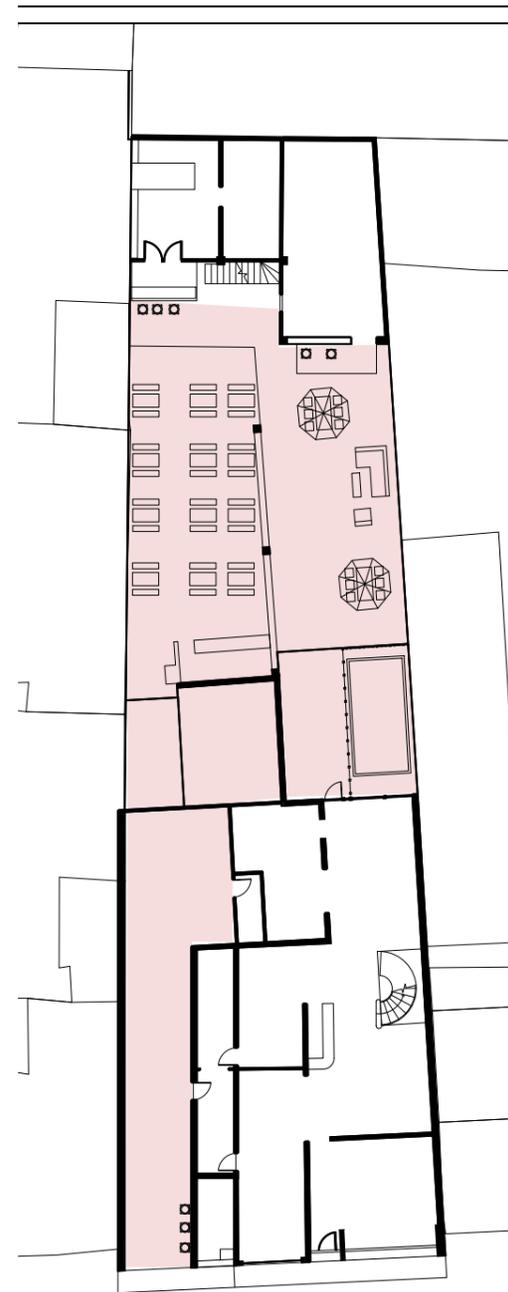


# CLEANING AWAY OBSTRUCTIONS

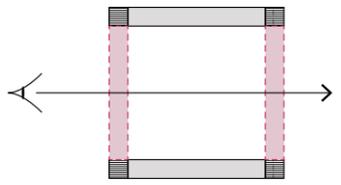


**AIM:** *Provide access and perception of interior space*

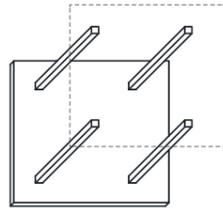
# EI PATIO



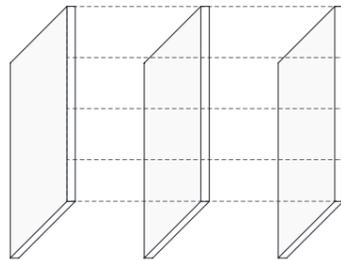
# STRUCTURAL CONFIGURATION OF BUILDINGS



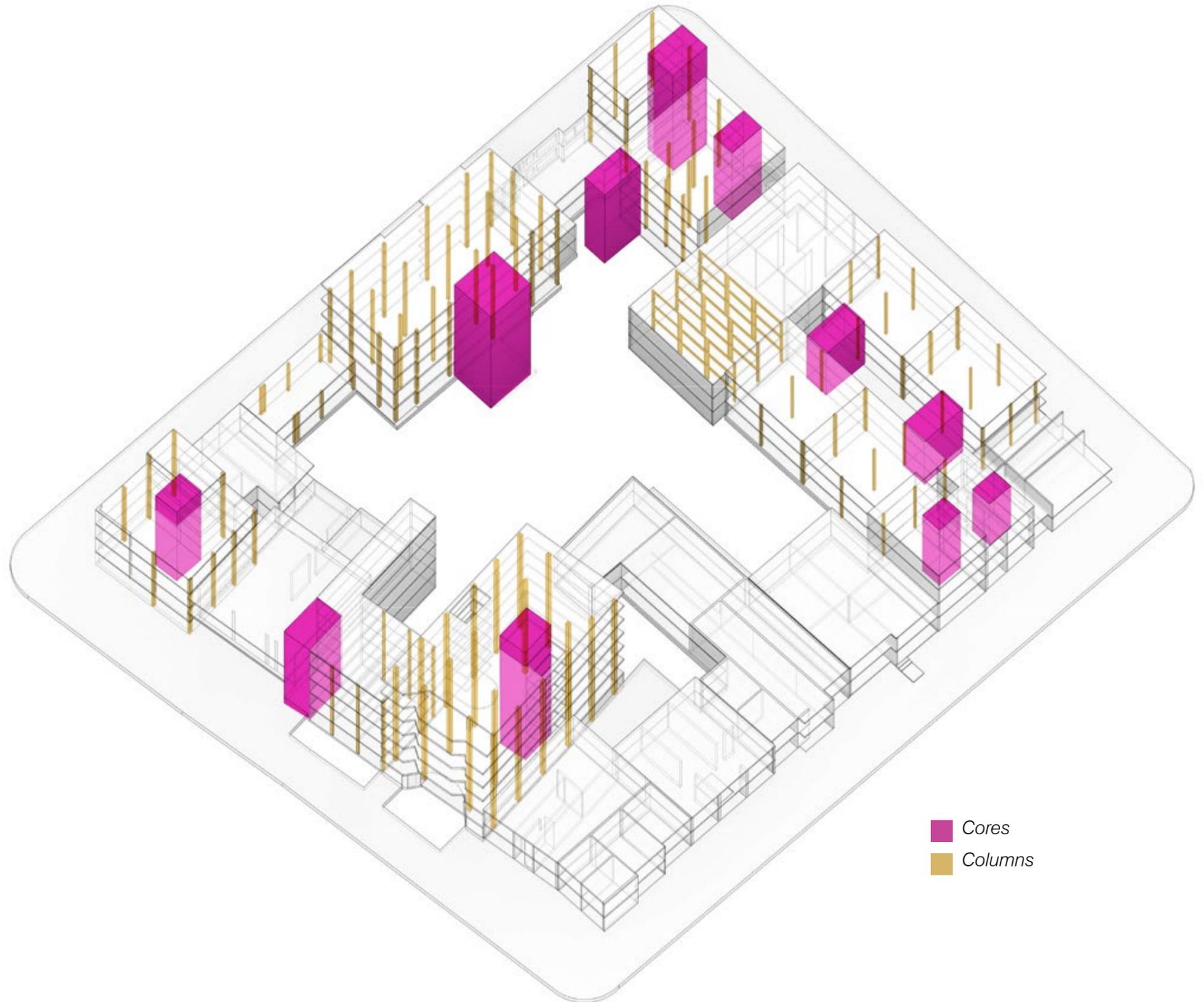
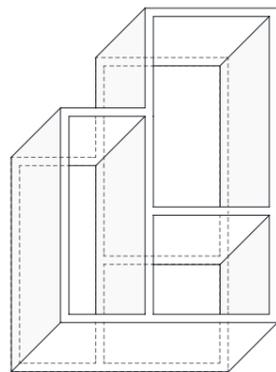
*column and floor plate structure*



*Transverse loadbearing walls*

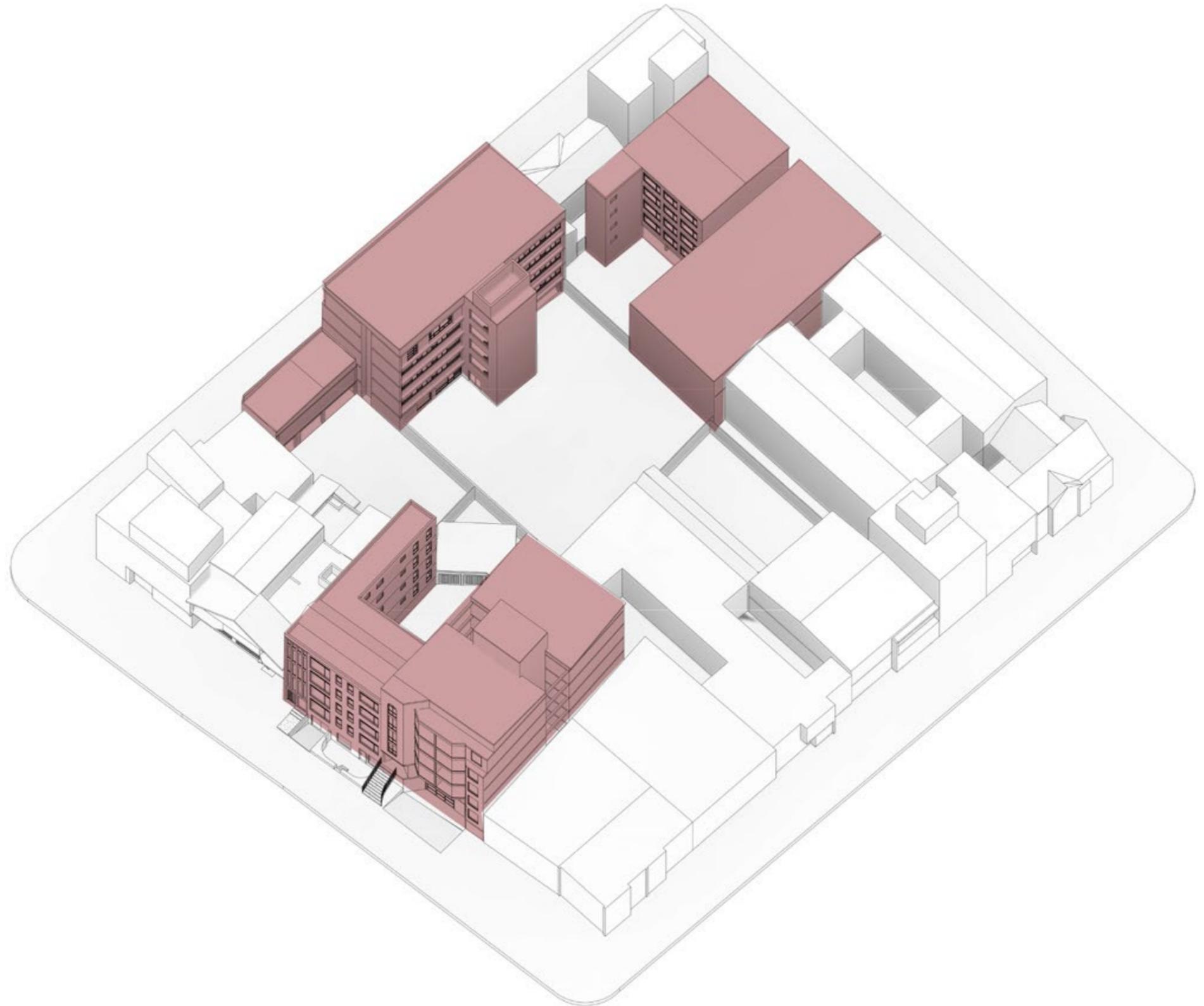
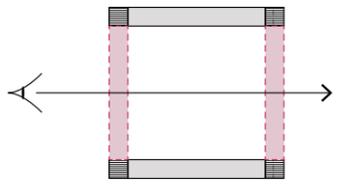


*Completely loadbearing walls*



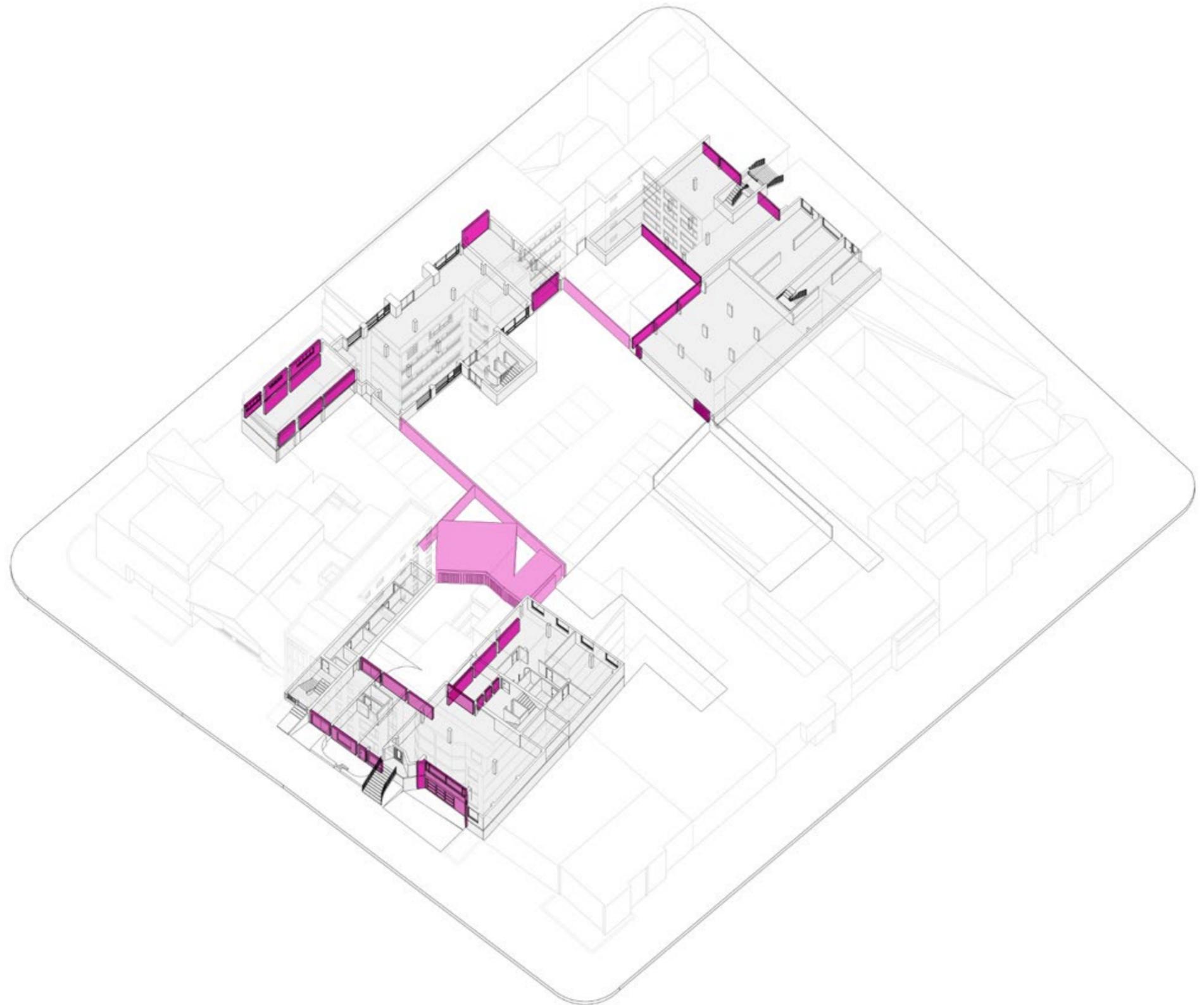
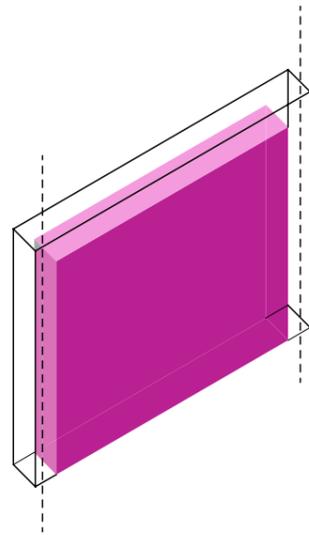
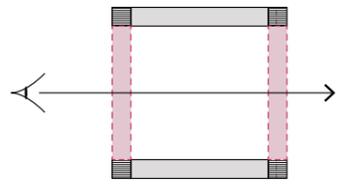
- Cores
- Columns

# ACTS OF CLEANING



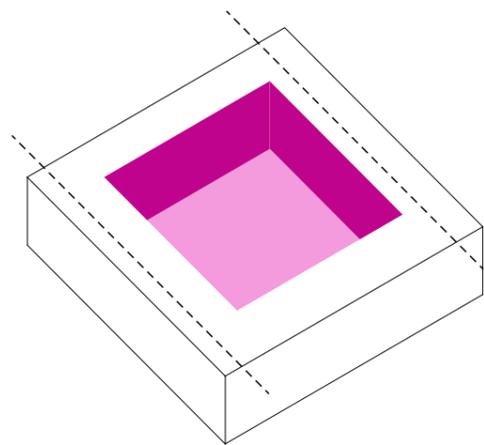
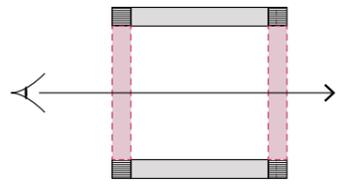
# CLEANING THROUGH OBSTRUCTIONS

Removing vertical surfaces



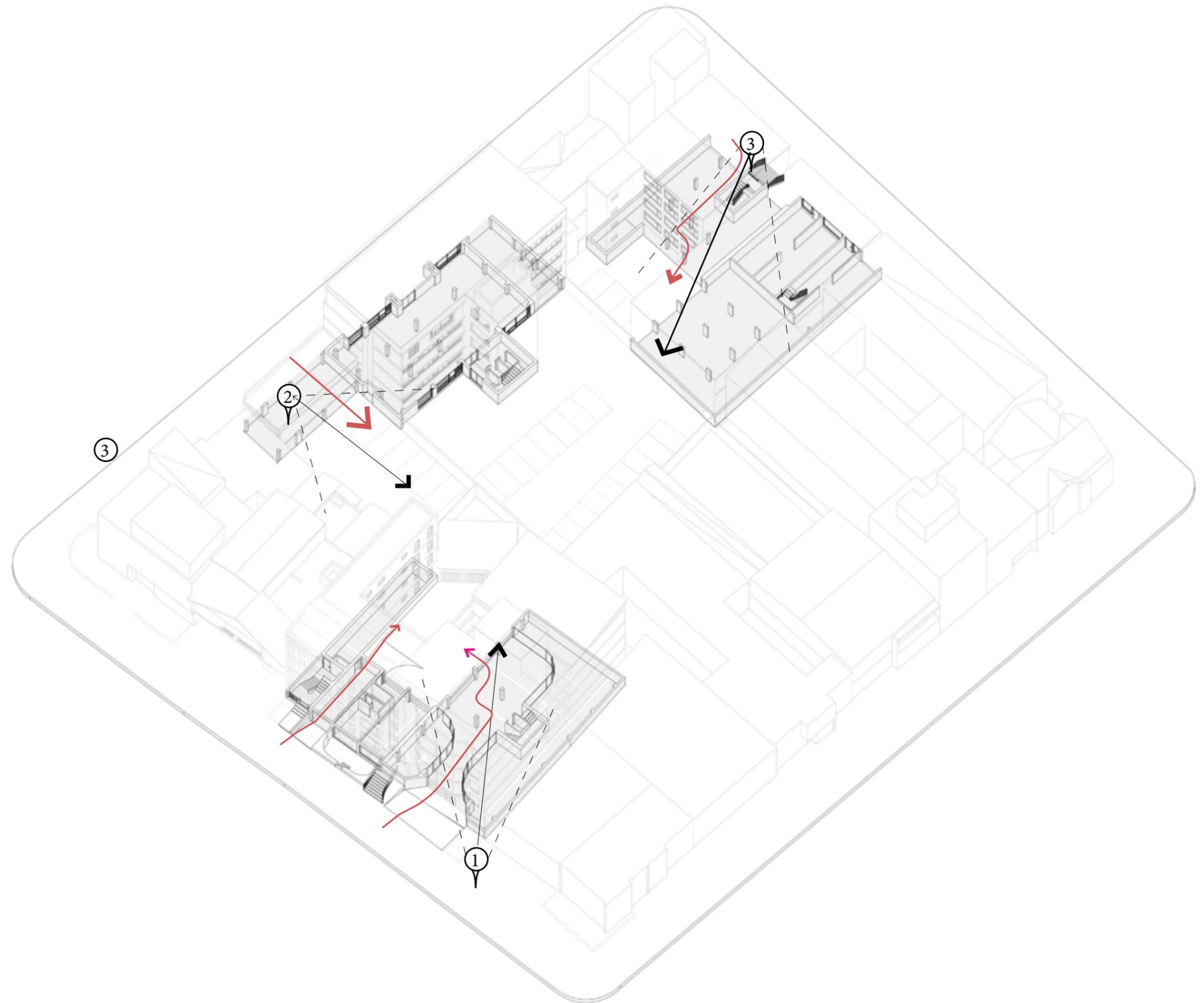
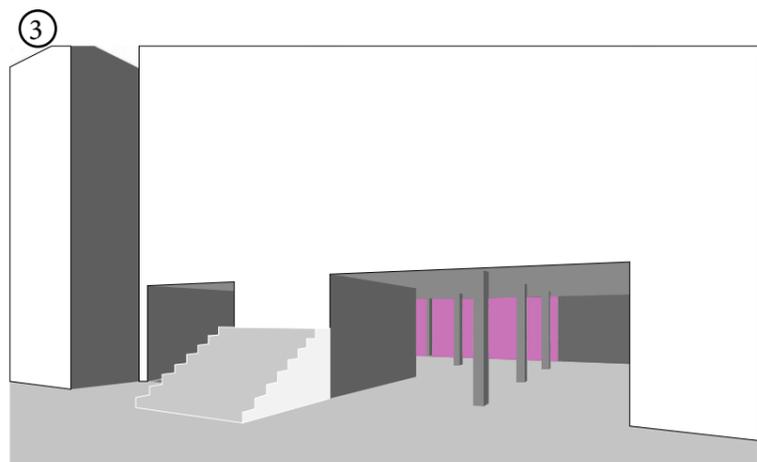
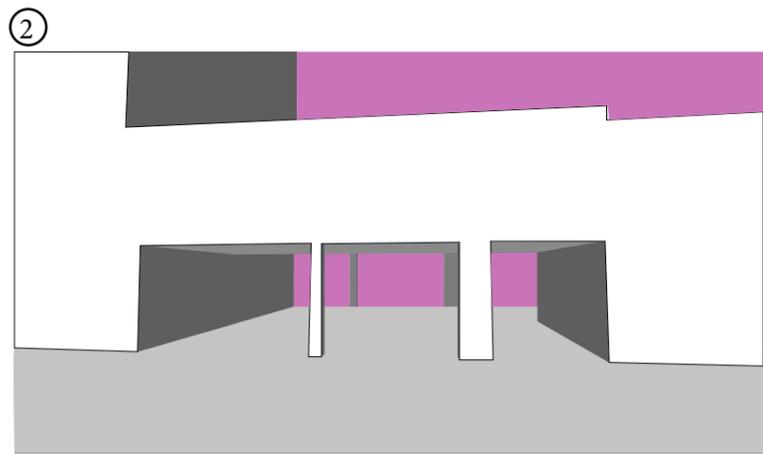
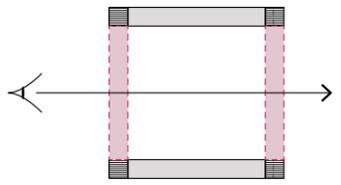
# CLEANING THROUGH OBSTRUCTIONS

Removing horizontal surfaces



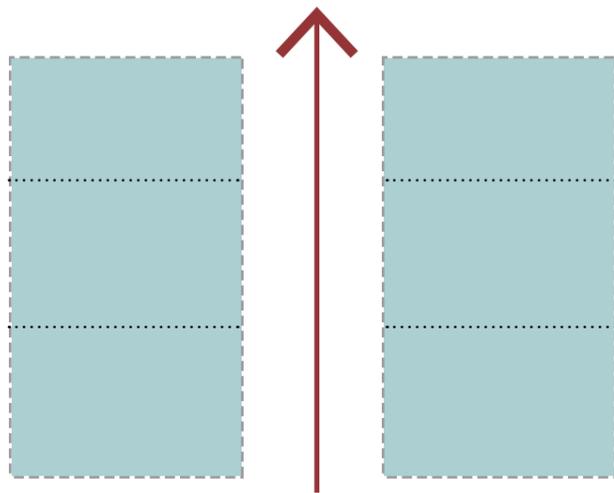
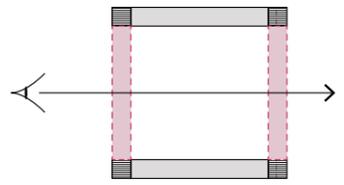
# CLEANING THROUGH OBSTRUCTIONS

## RESULTS: ACCESS AND VIEWS

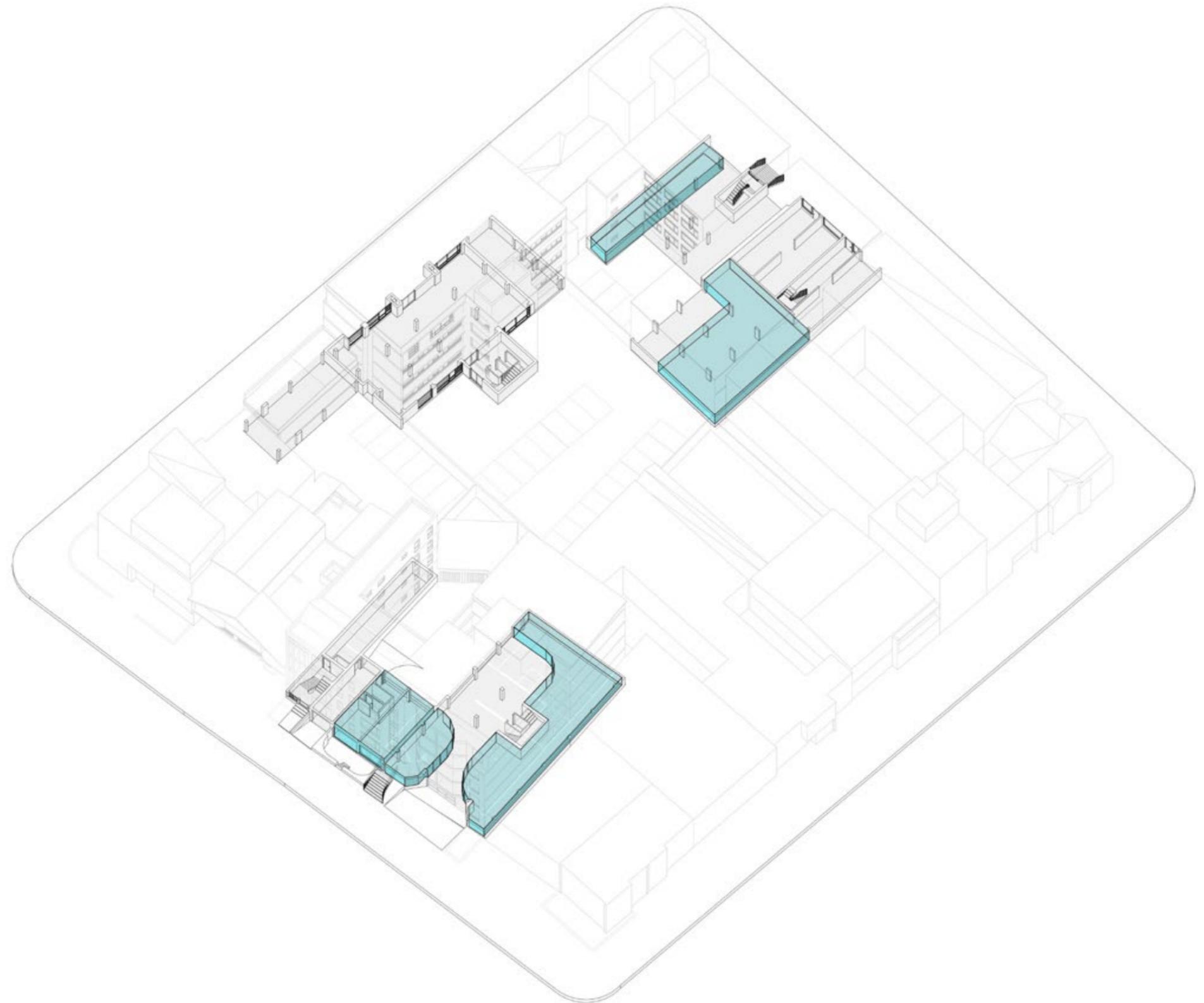


# CLEANING THROUGH OBSTRUCTIONS

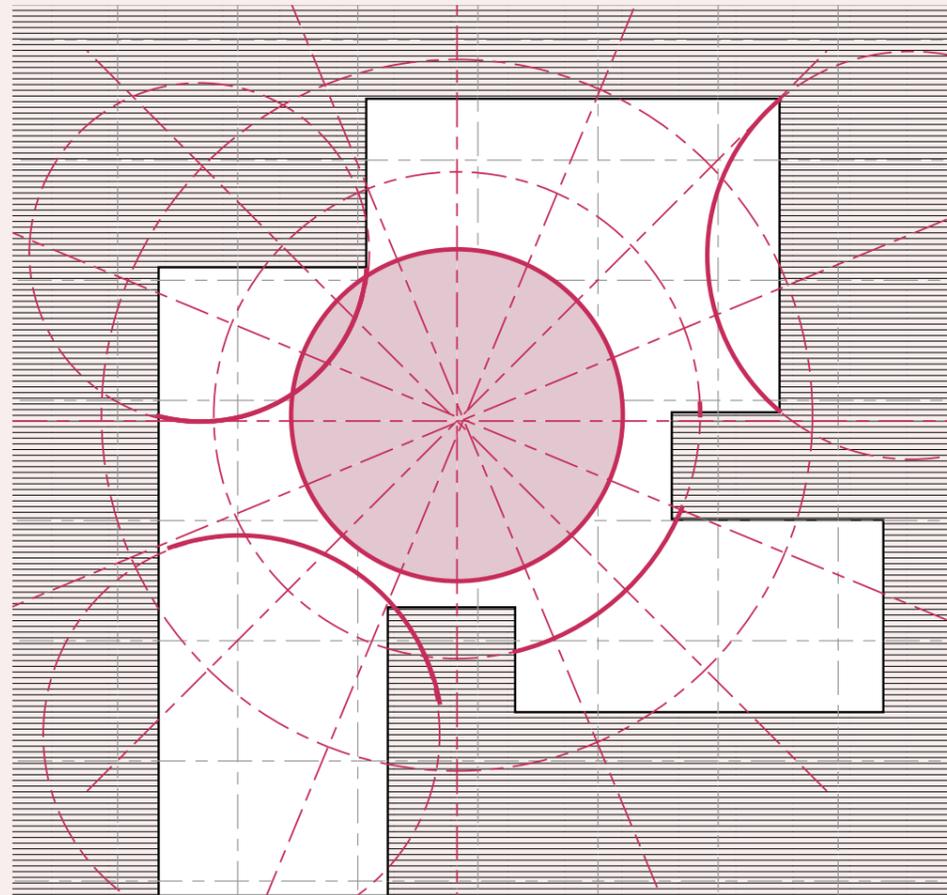
RESULTS: NEW ACTIVITY



Passage condition for new activity



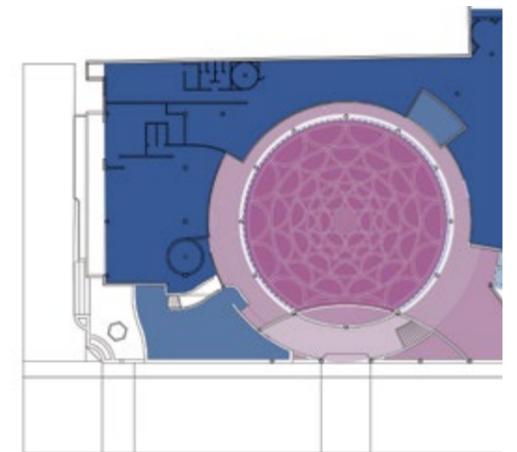
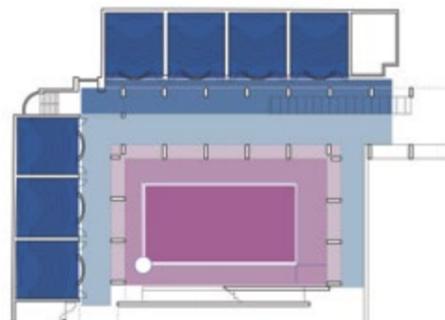
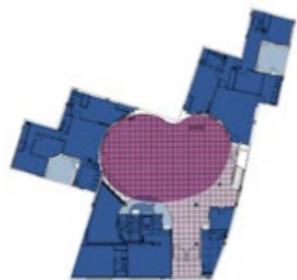
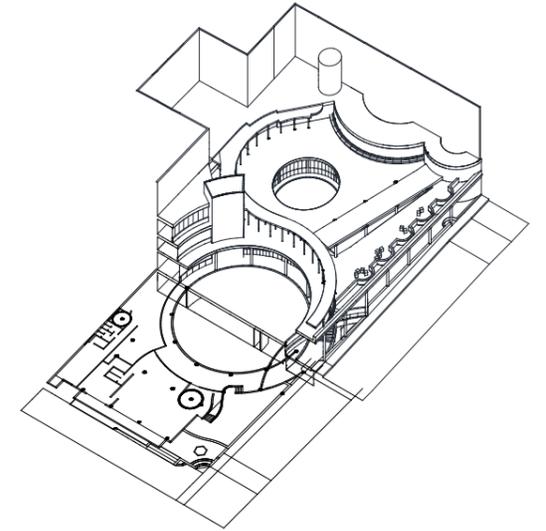
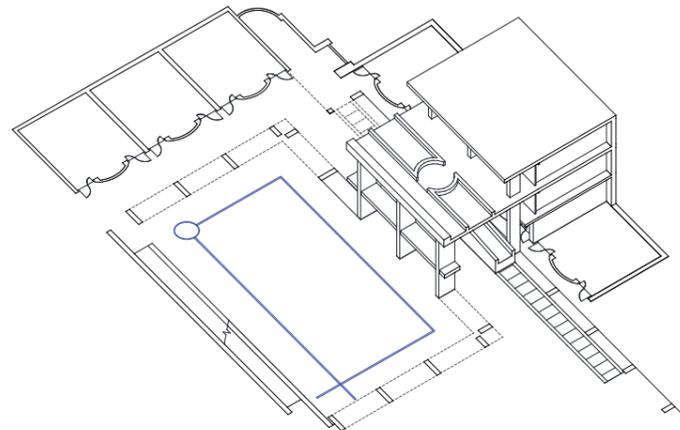
# CLEANING THROUGH A CIRCULAR RATIONAL



**AIM:**

- a) to smoothen against a multifaceted orthogonal interior space*
- b) to mediate between mixed activity*

# PRECEDENTS



1m 5m 10m

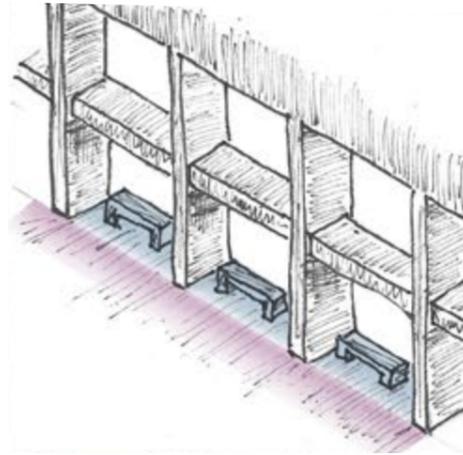
# INSTRUMENTS OF MEDIATION



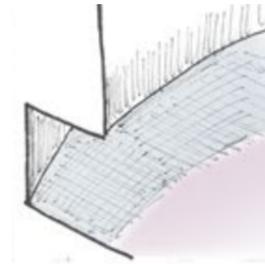
*articulation of surface*



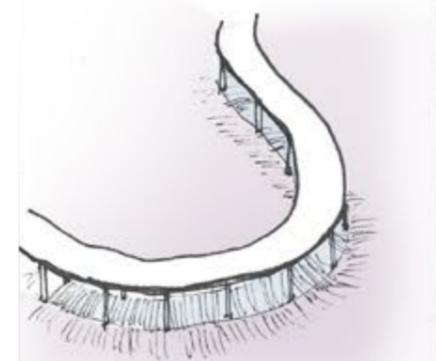
*stepping*



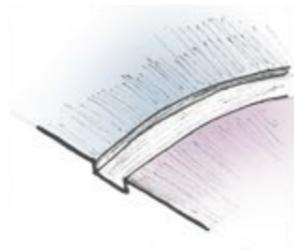
*deepening of frame*



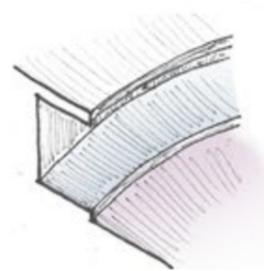
*recessing*



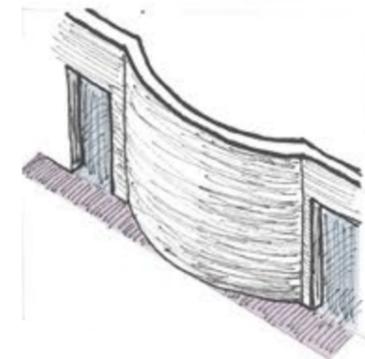
*overhanging*



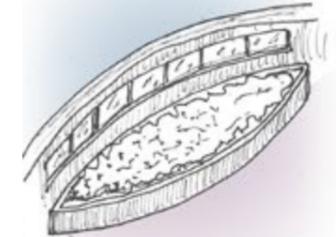
*recessing surface (drainage)*



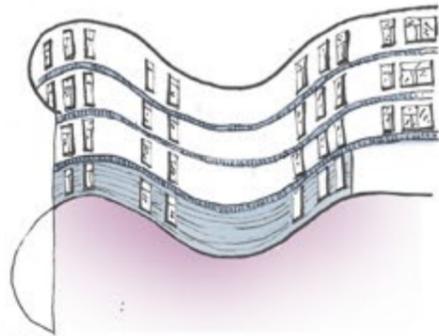
*overhanging and elevating*



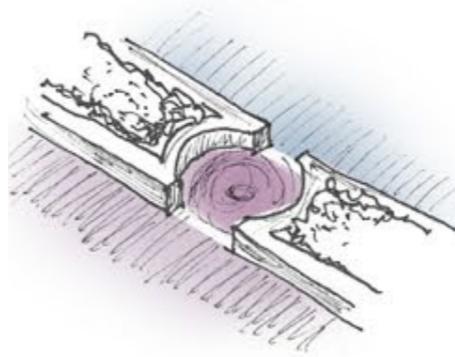
*concaving*



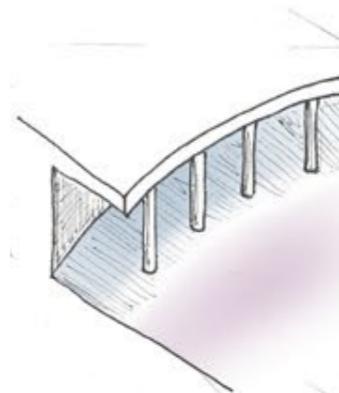
*buffering and elevating (planting)*



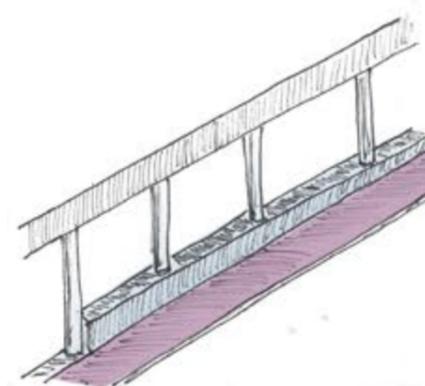
*articulating curve*



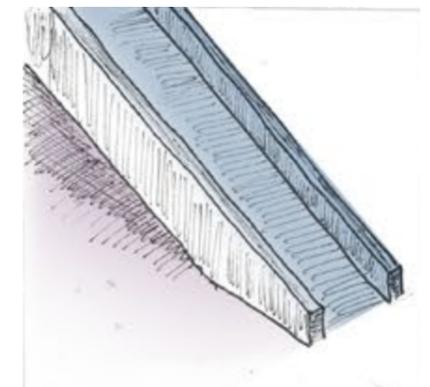
*restricting*



*colonnading*



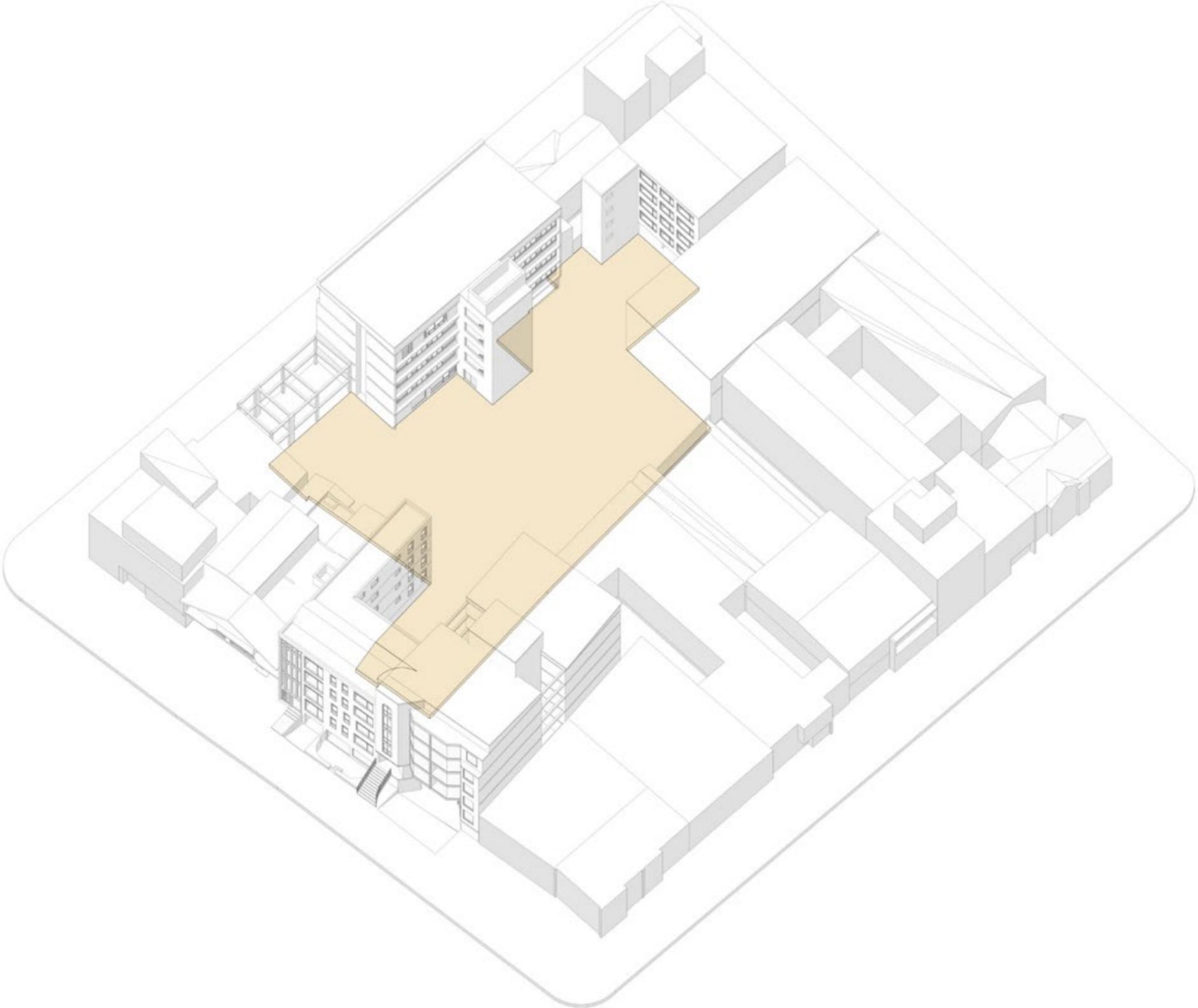
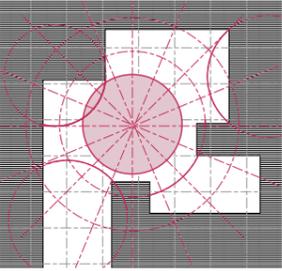
*framing*



*vertical transitioning*

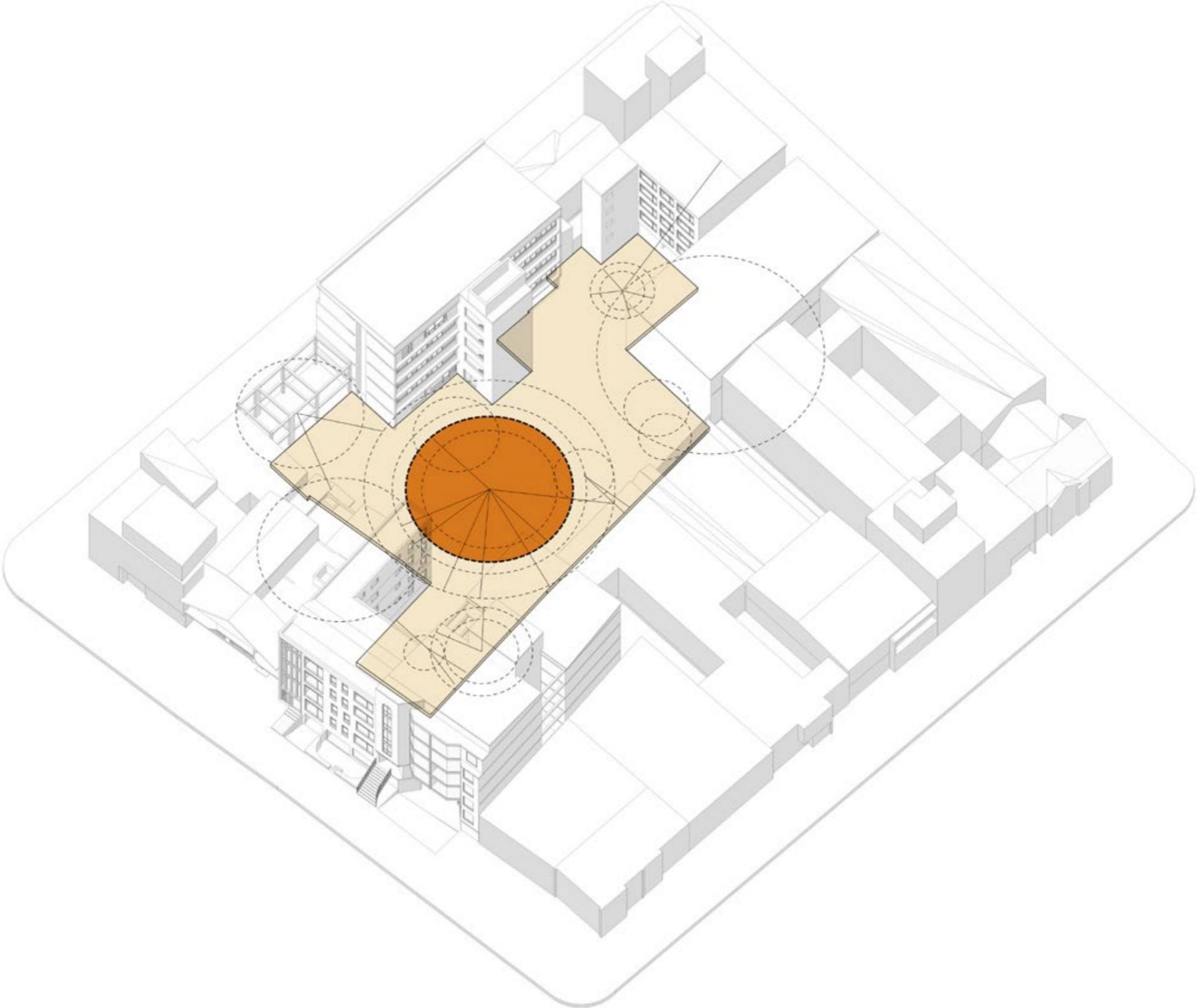
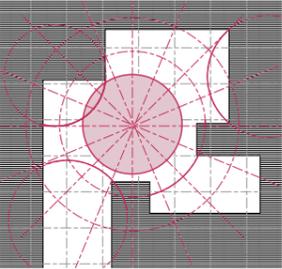
# CLEANING THROUGH A CIRCULAR RATIONAL

Targeted Space



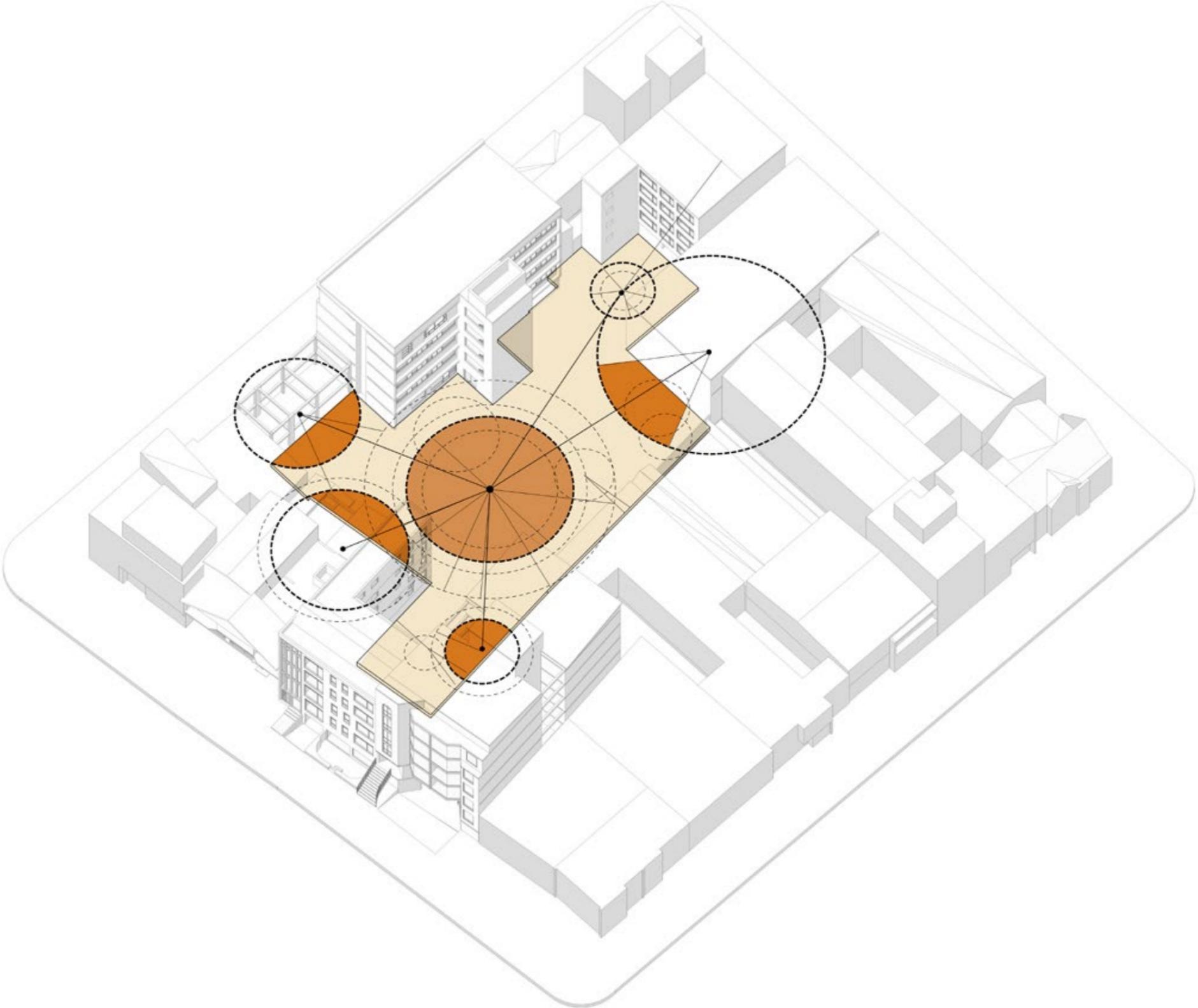
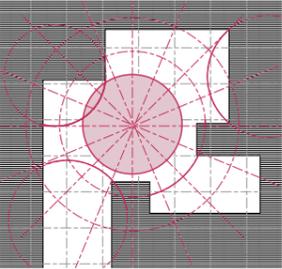
# CLEANING THROUGH A CIRCULAR RATIONAL

Delineation of central



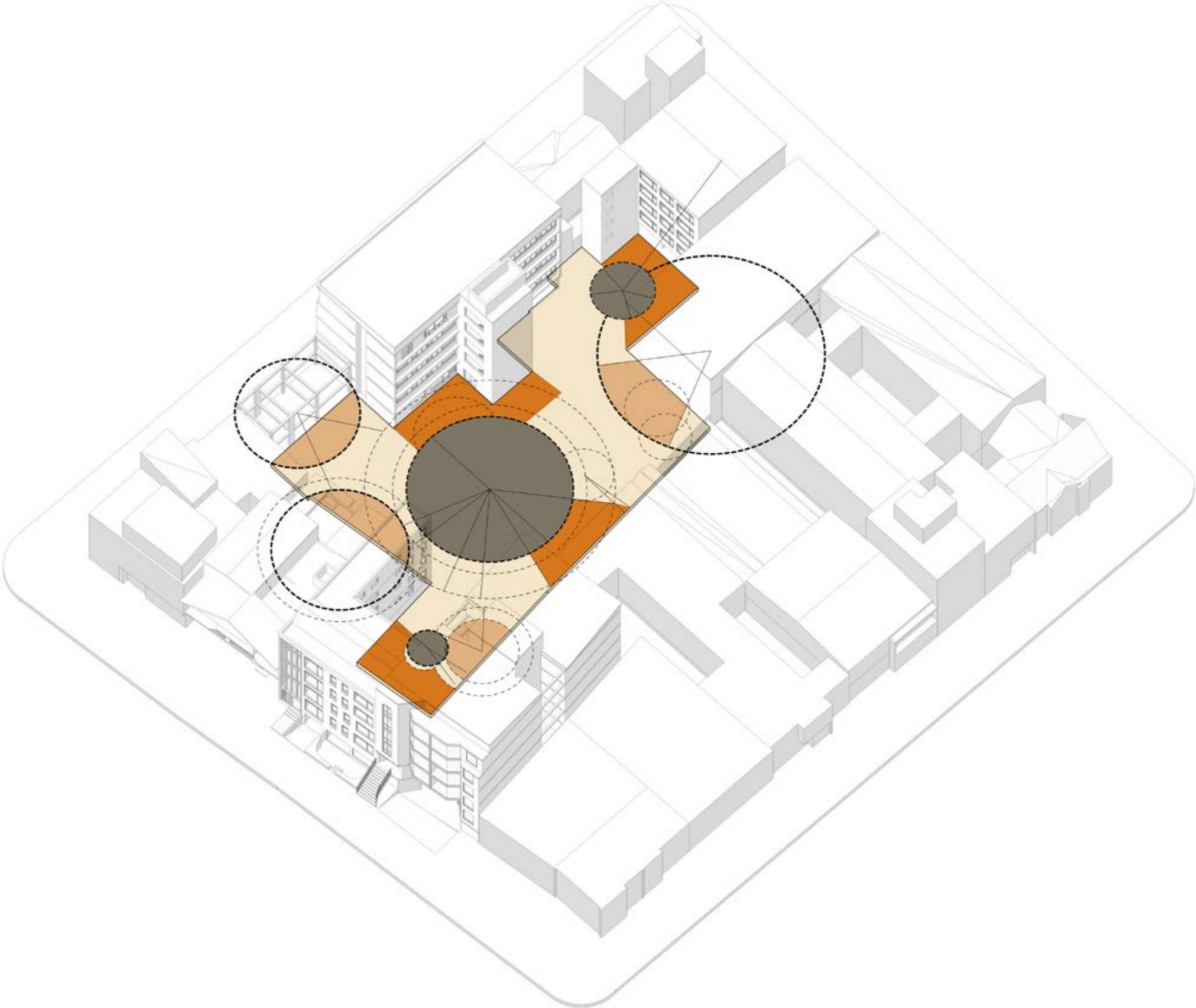
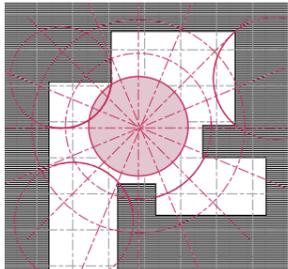
# CLEANING THROUGH A CIRCULAR RATIONAL

Delineation of periphery spaces



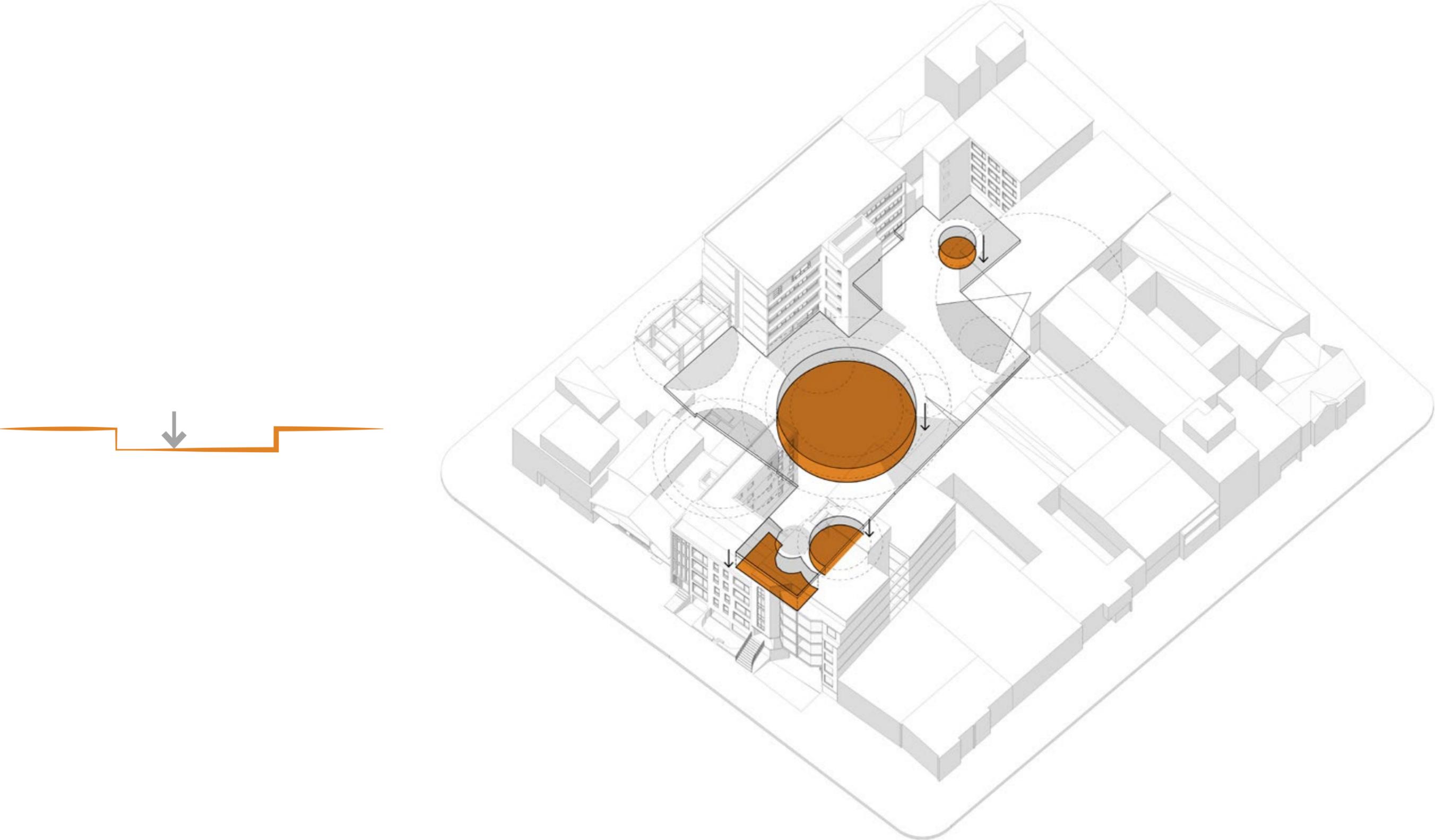
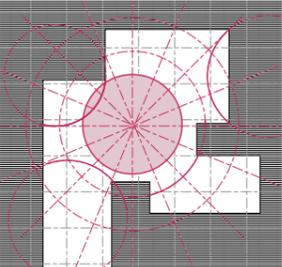
# CLEANING THROUGH A CIRCULAR RATIONAL

Delineation through the negative space created by curve



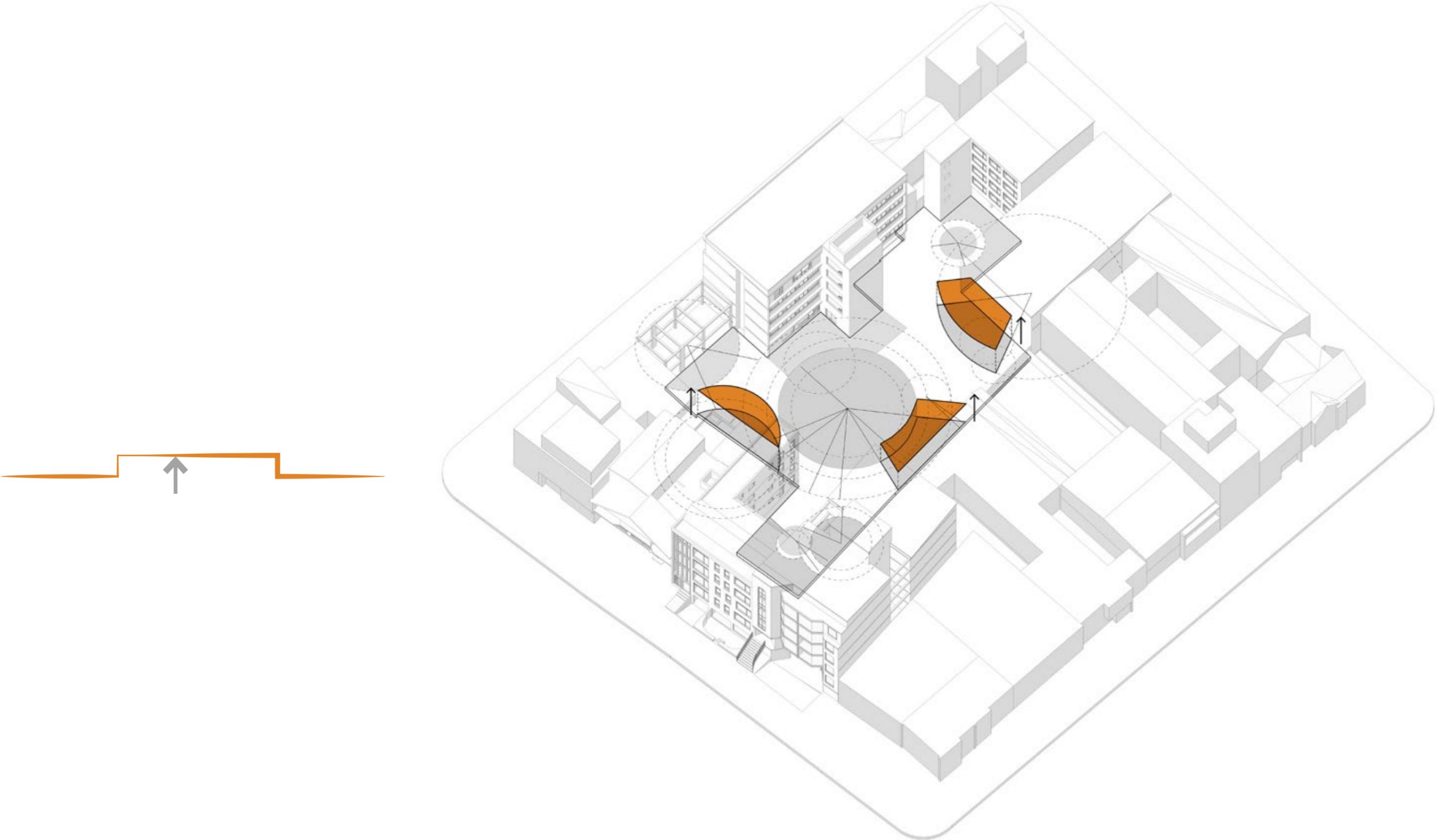
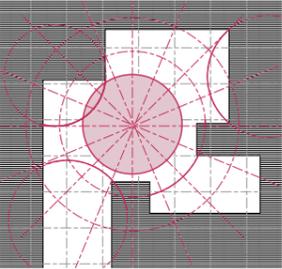
# CLEANING THROUGH A CIRCULAR RATIONAL

Depress surfaces



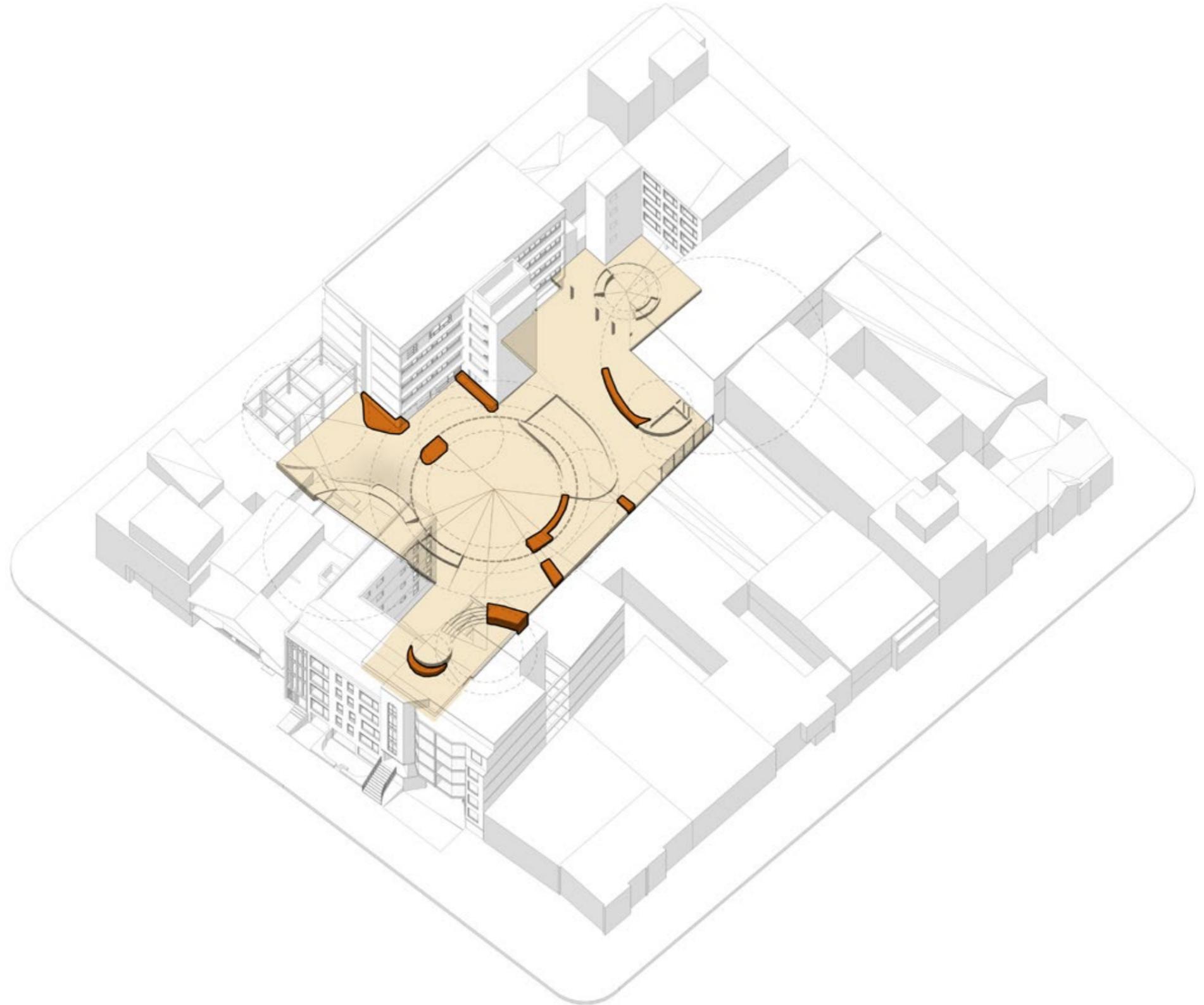
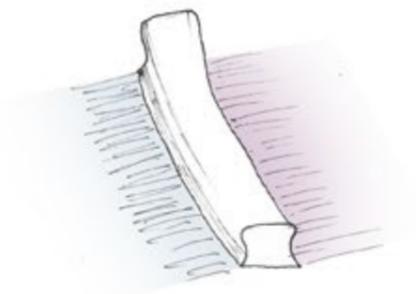
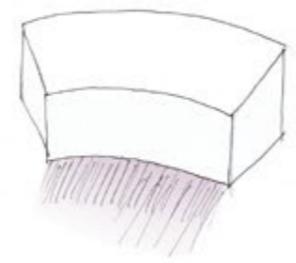
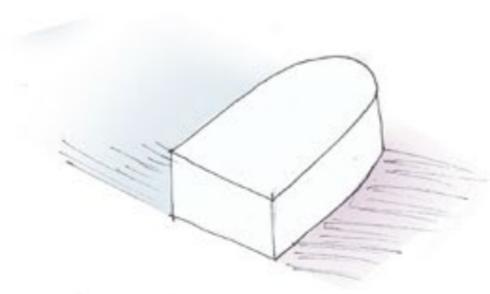
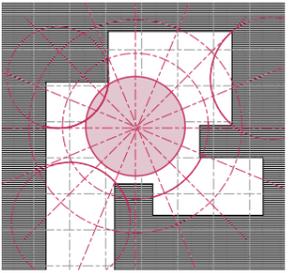
# CLEANING THROUGH A CIRCULAR RATIONAL

Elevated surfaces



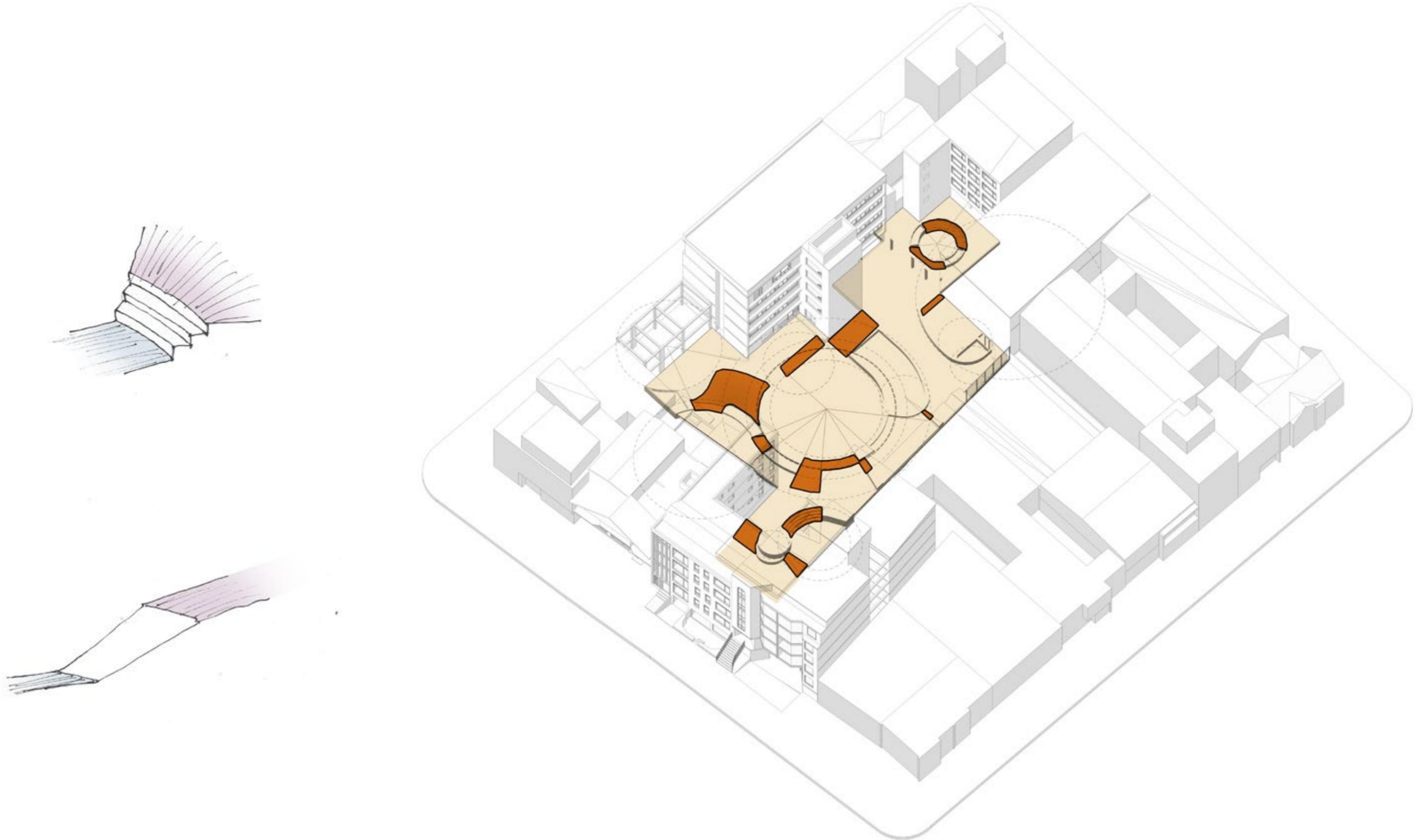
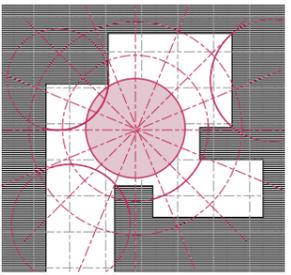
# APPLICATION OF INSTRUMENTS

Spatial wedges



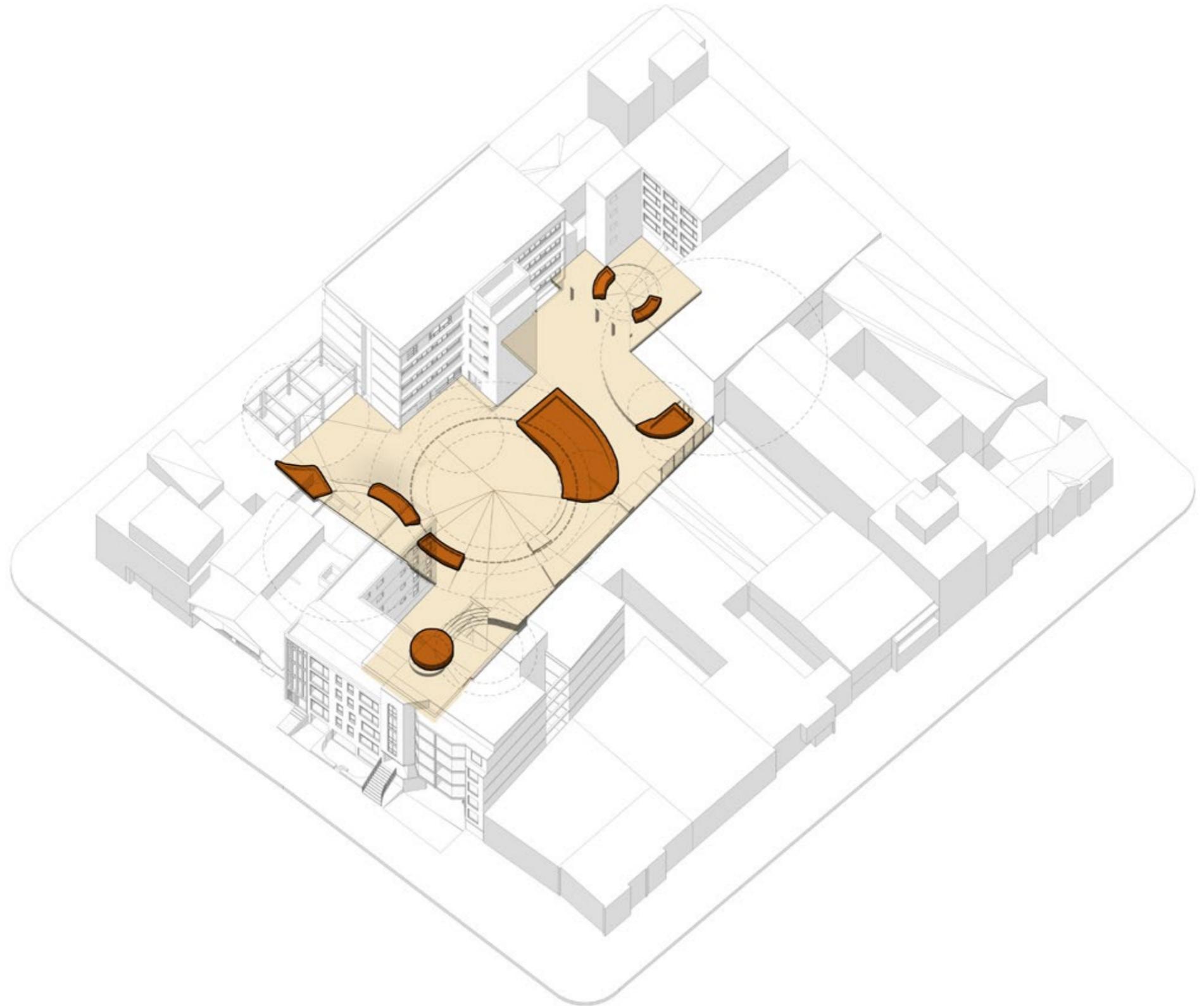
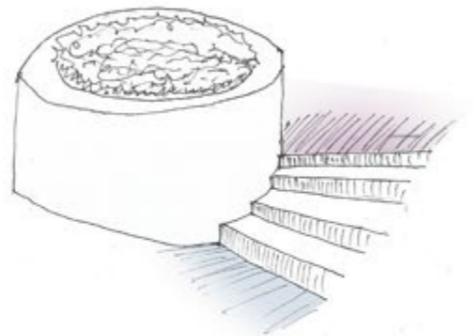
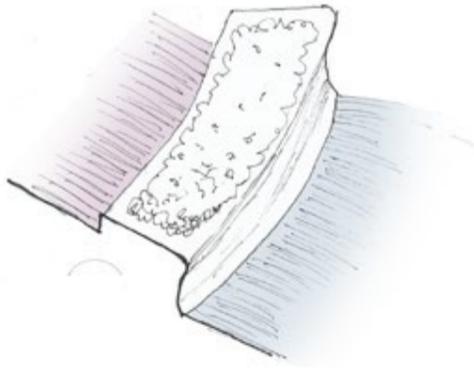
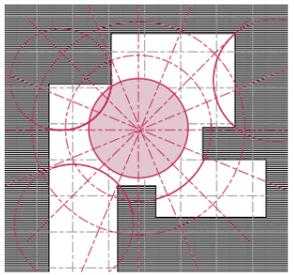
# APPLICATION OF INSTRUMENTS

steps and ramps



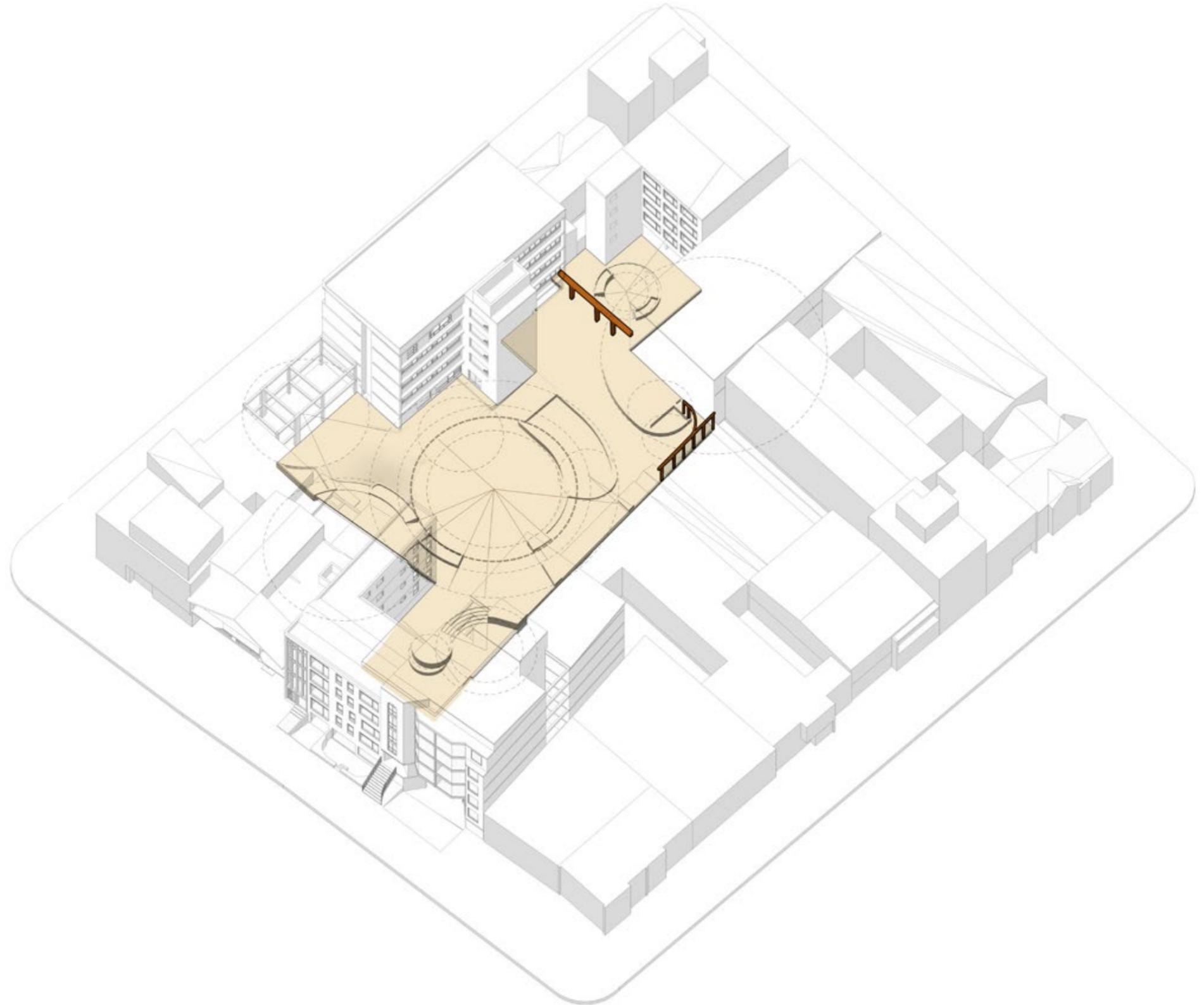
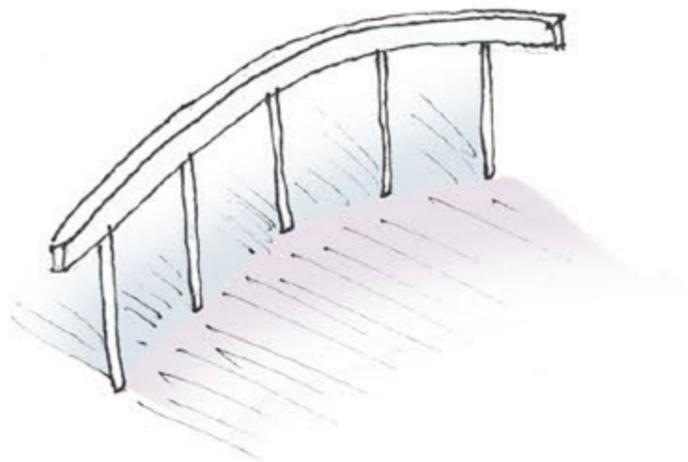
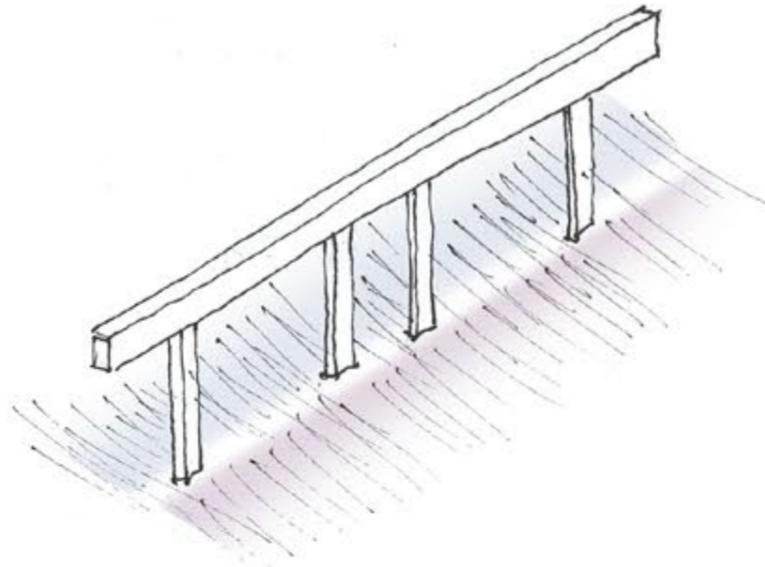
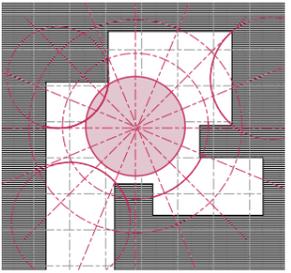
# APPLICATION OF INSTRUMENTS

planters



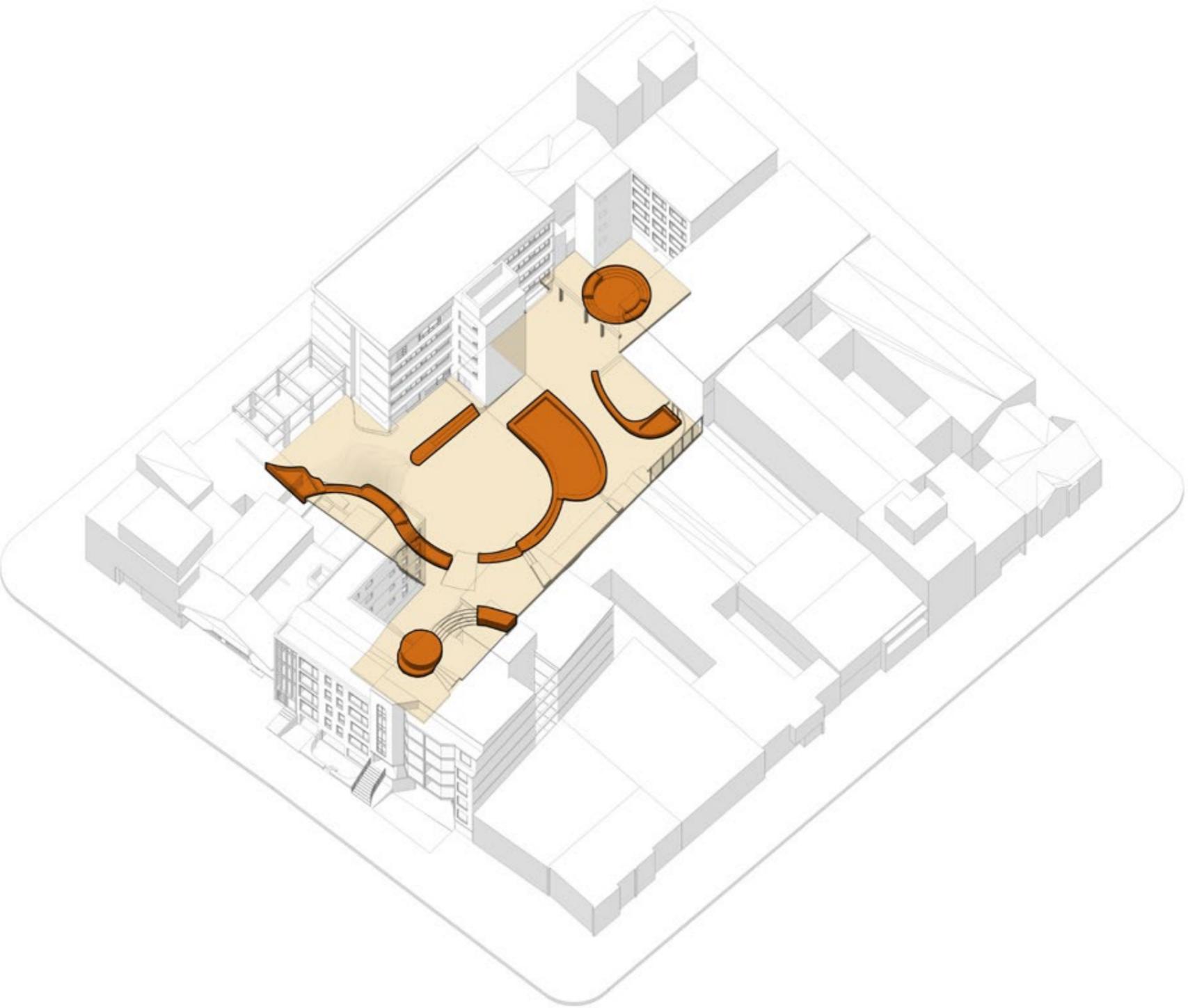
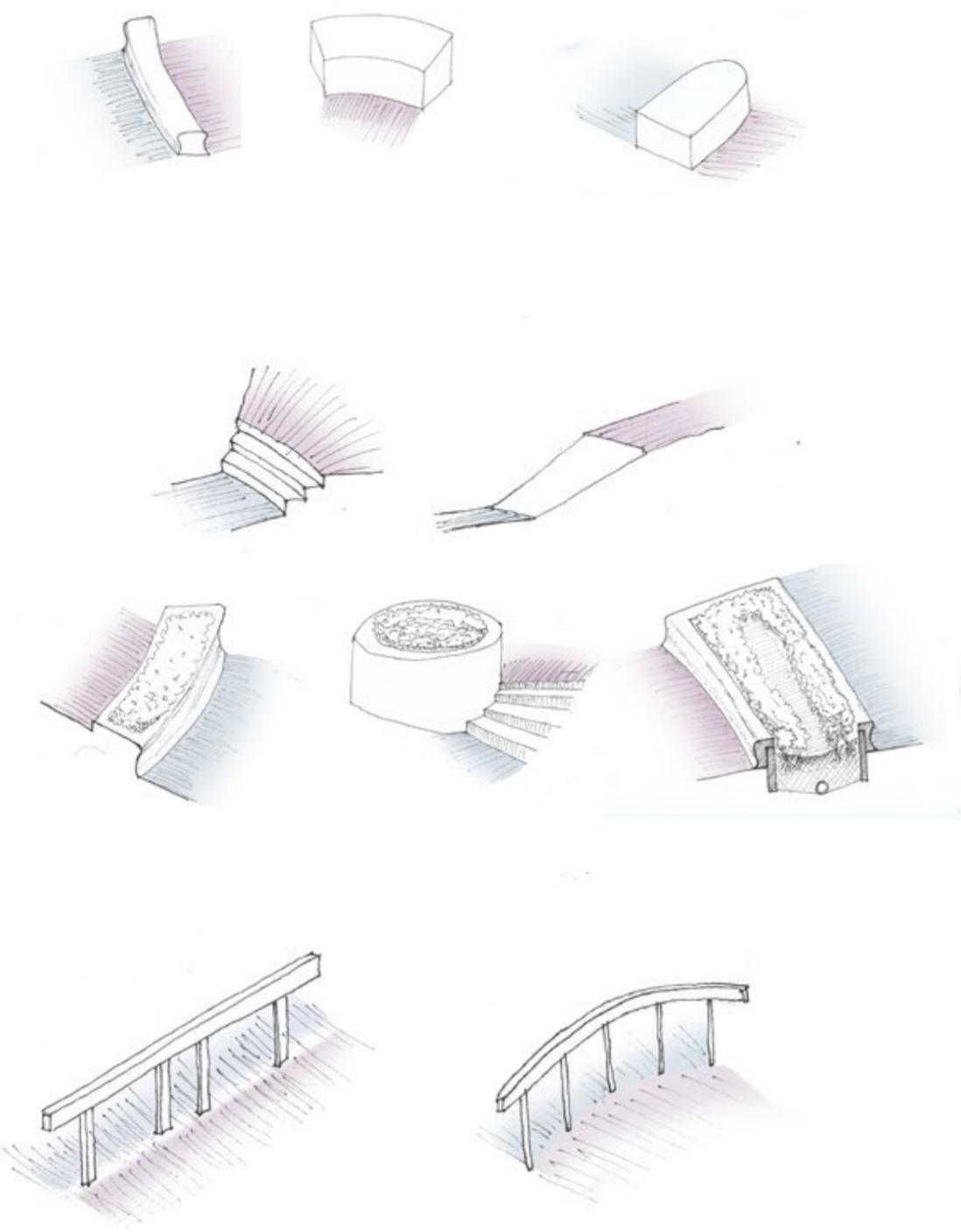
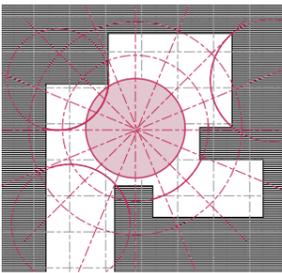
# APPLICATION OF INSTRUMENTS

colonnades



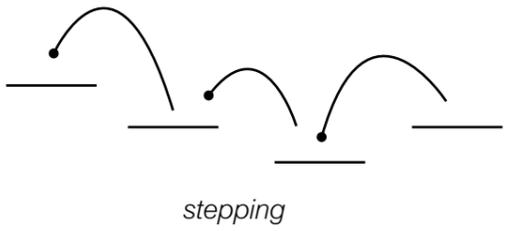
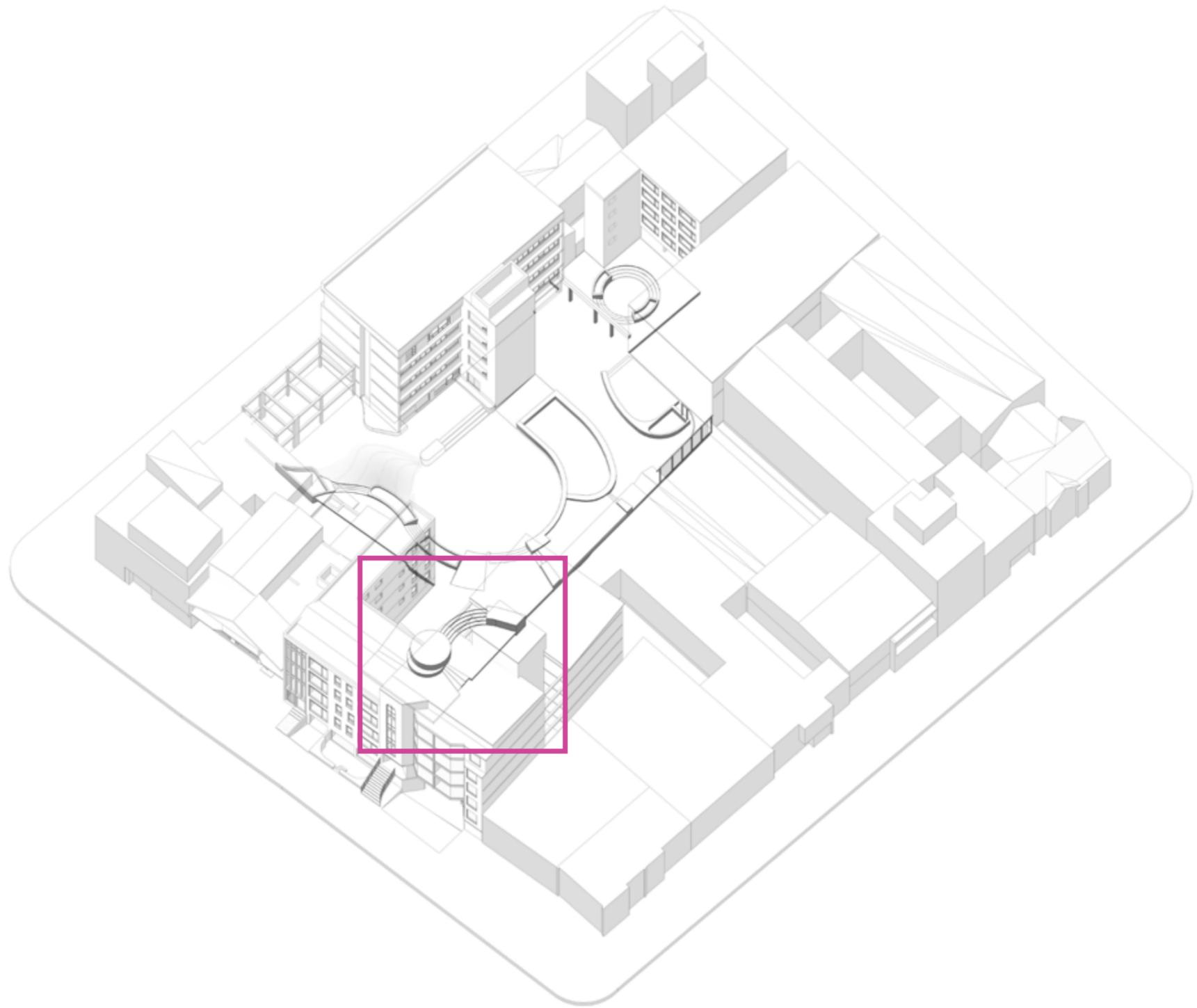
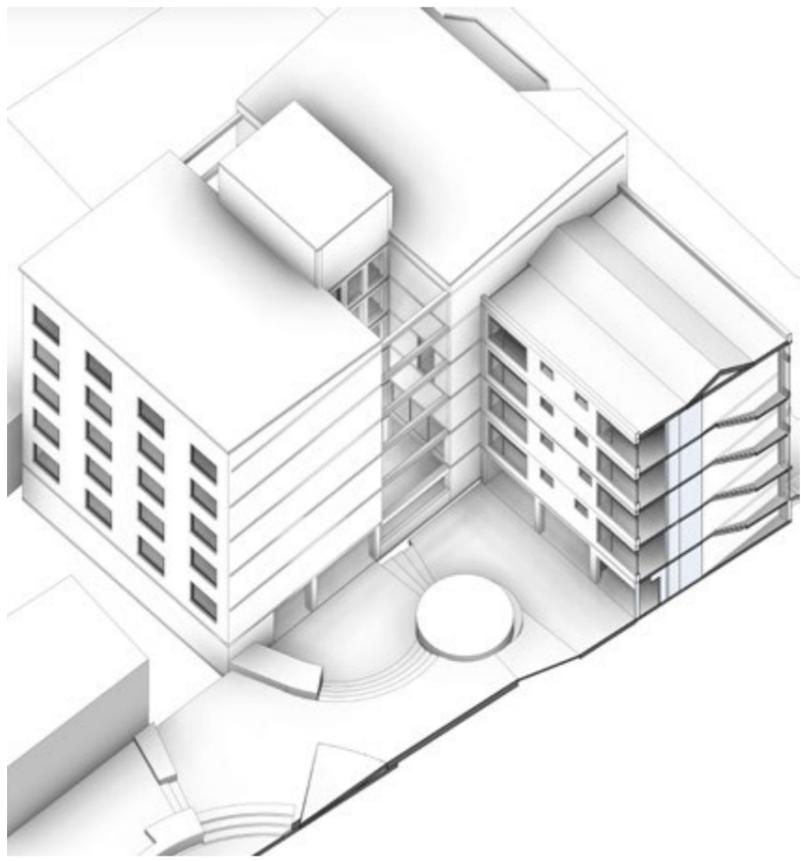
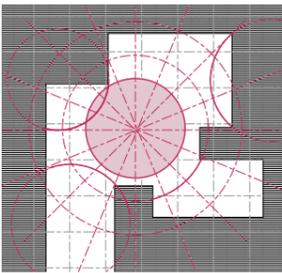
# CLEANING THROUGH A CIRCULAR RATIONAL

Mediating devices



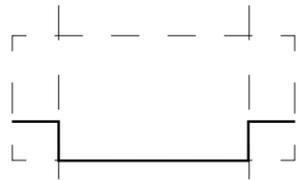
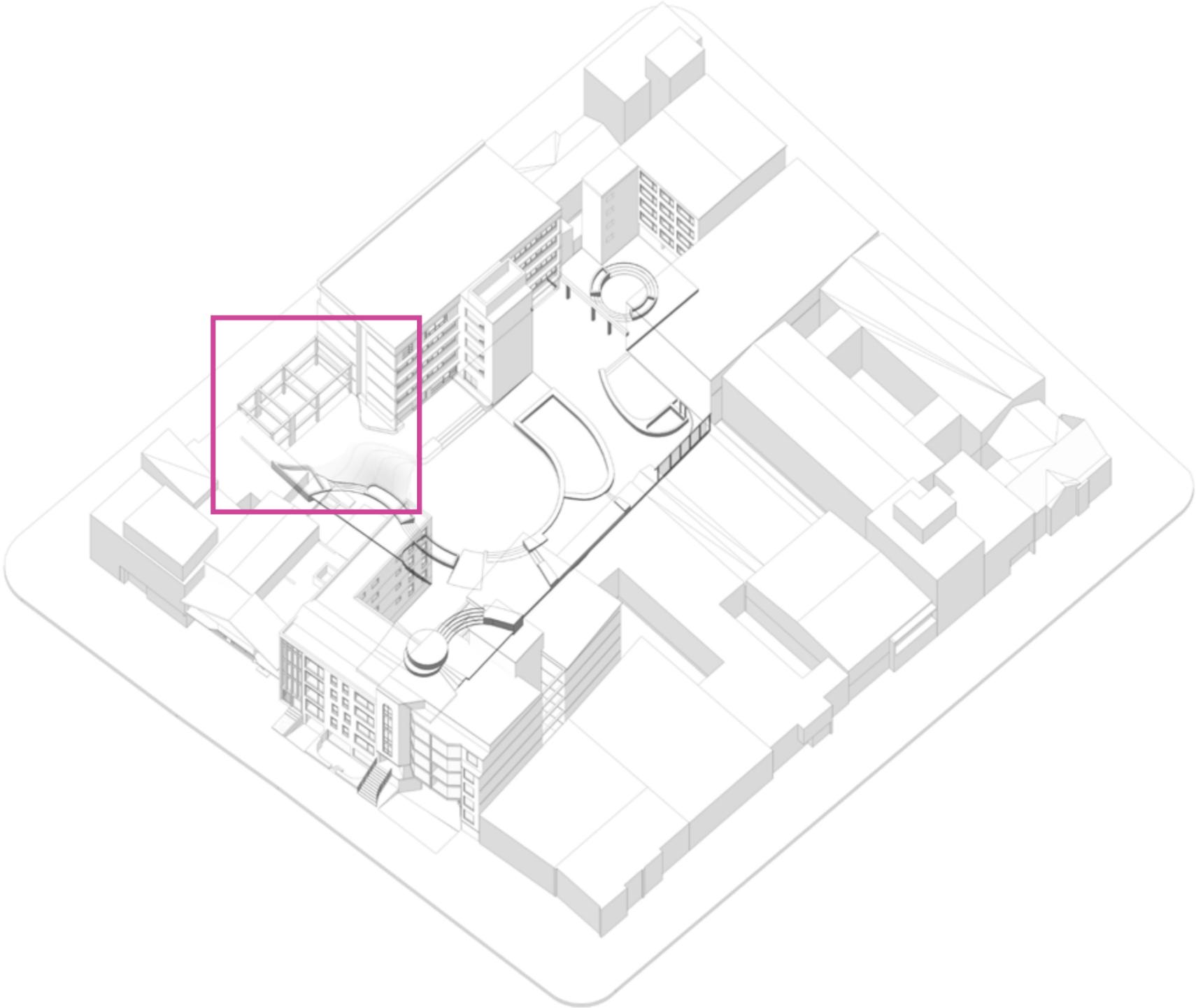
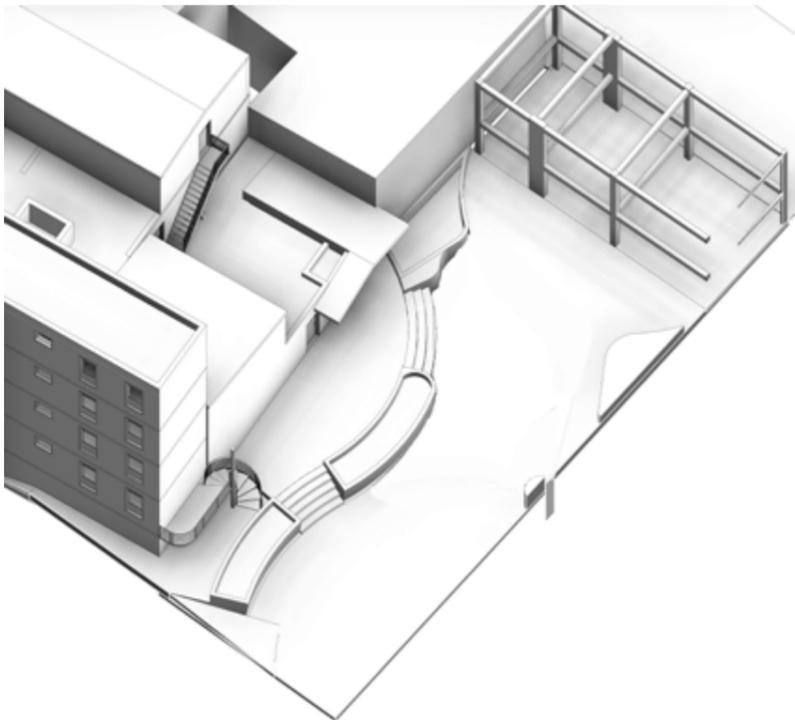
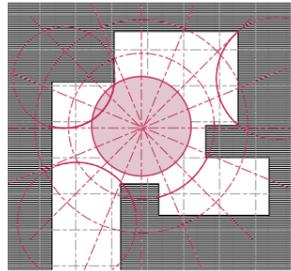
# CLEANING THROUGH A CIRCULAR RATIONAL

Entry Instances



# CLEANING THROUGH A CIRCULAR RATIONAL

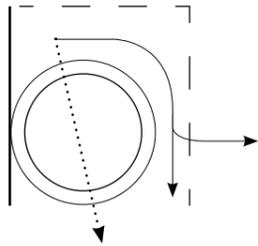
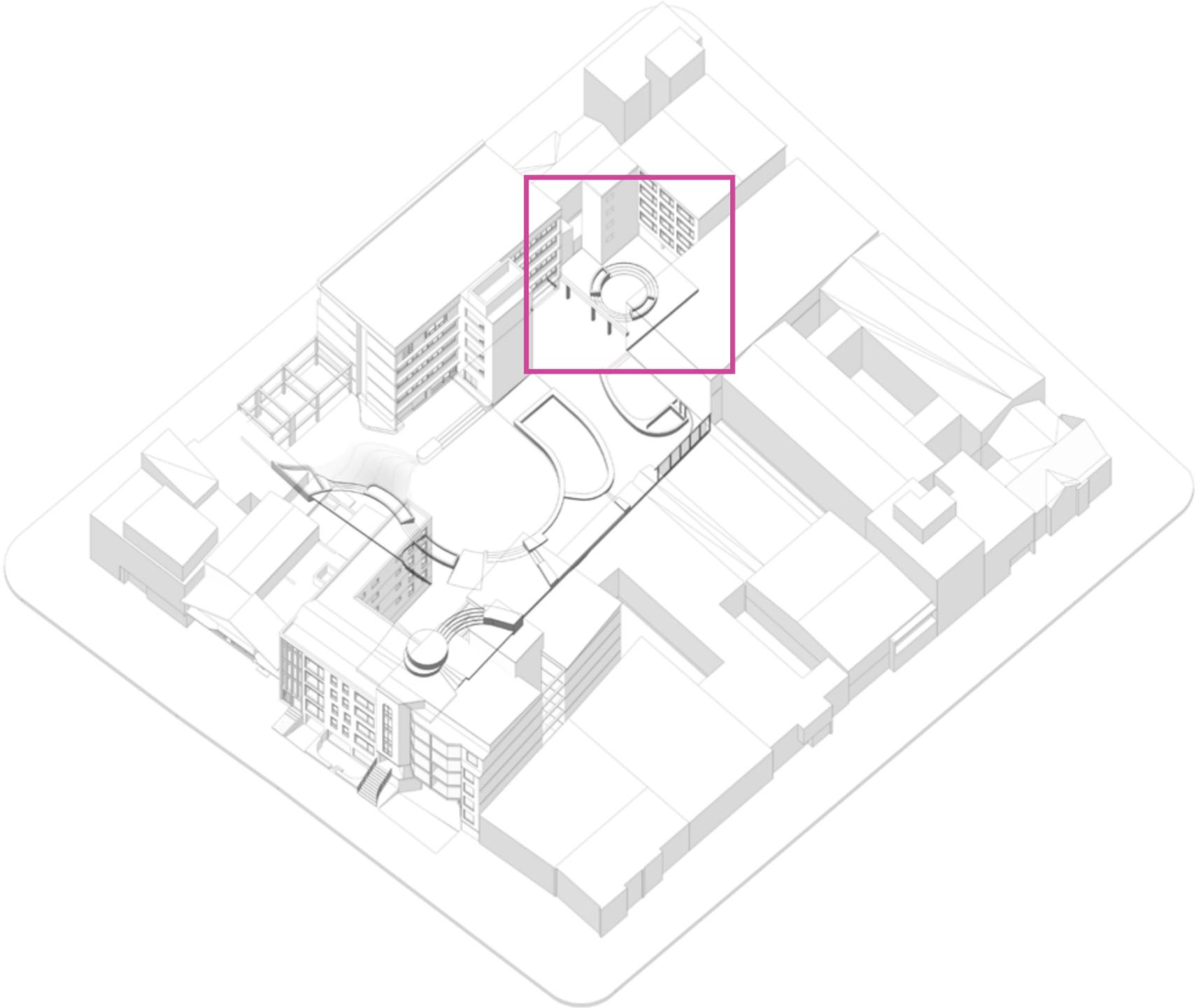
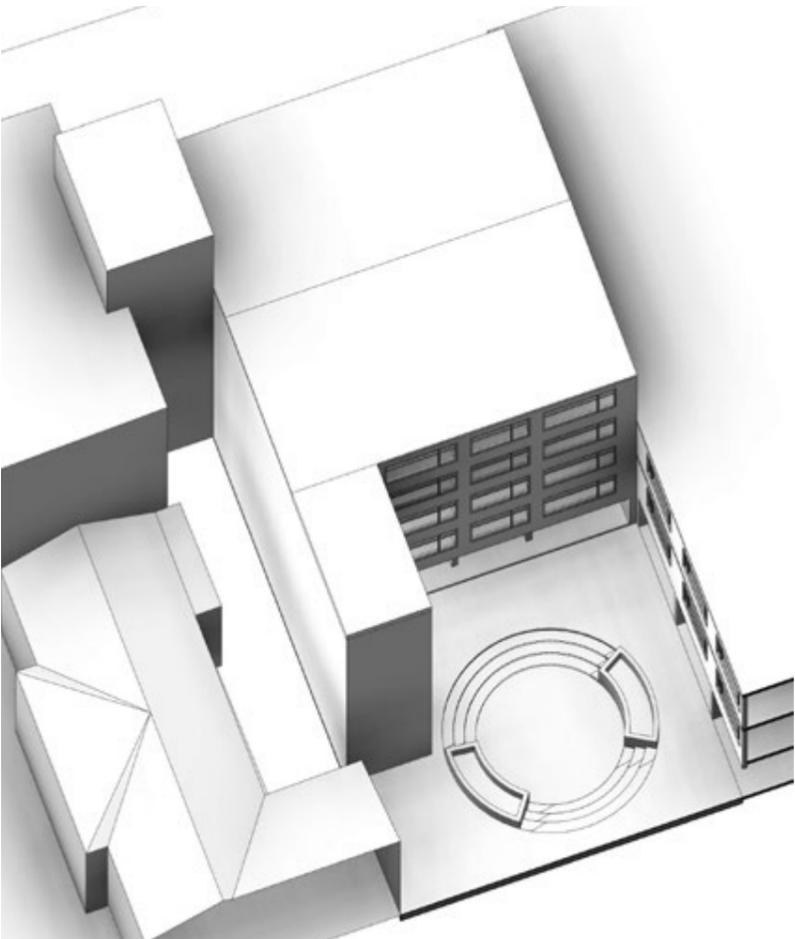
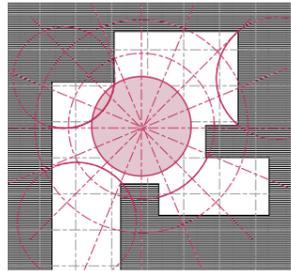
Entry Instances



*Framing opening*

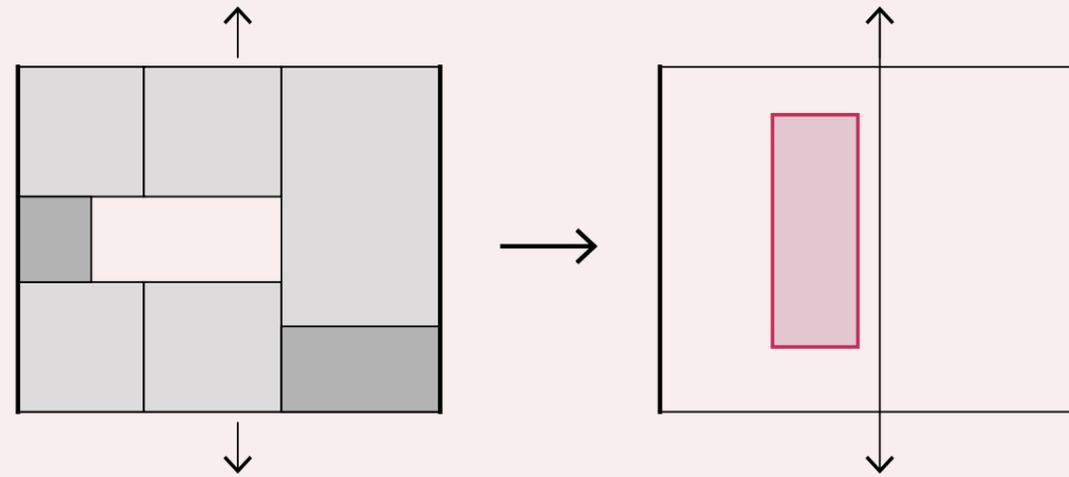
# CLEANING THROUGH A CIRCULAR RATIONAL

Entry Instances

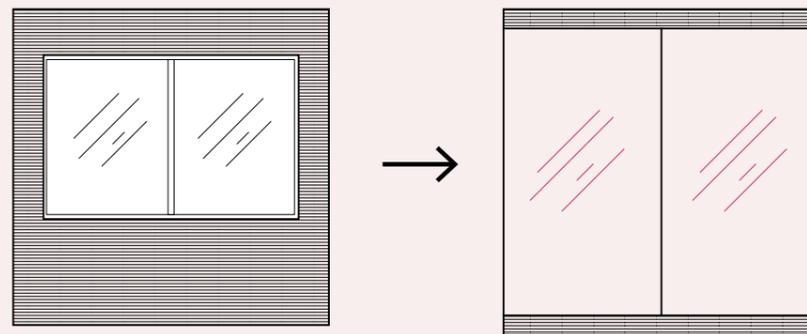


*Direct*

## CLEANING THROUGH RECONFIGURING



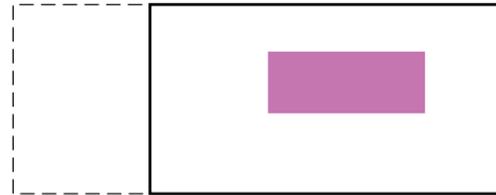
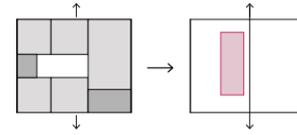
## CLEANING THROUGH TRANSPARENCY



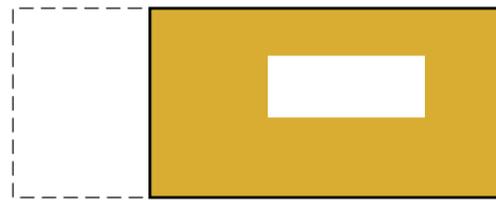
### AIM:

- a) Enhance views and light into and out of interior space*
- b) dissolve the sense of back and front of building*

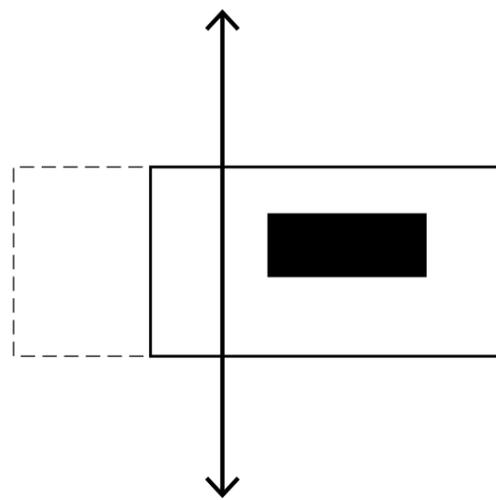
# CLEANING THROUGH RECONFIGURING



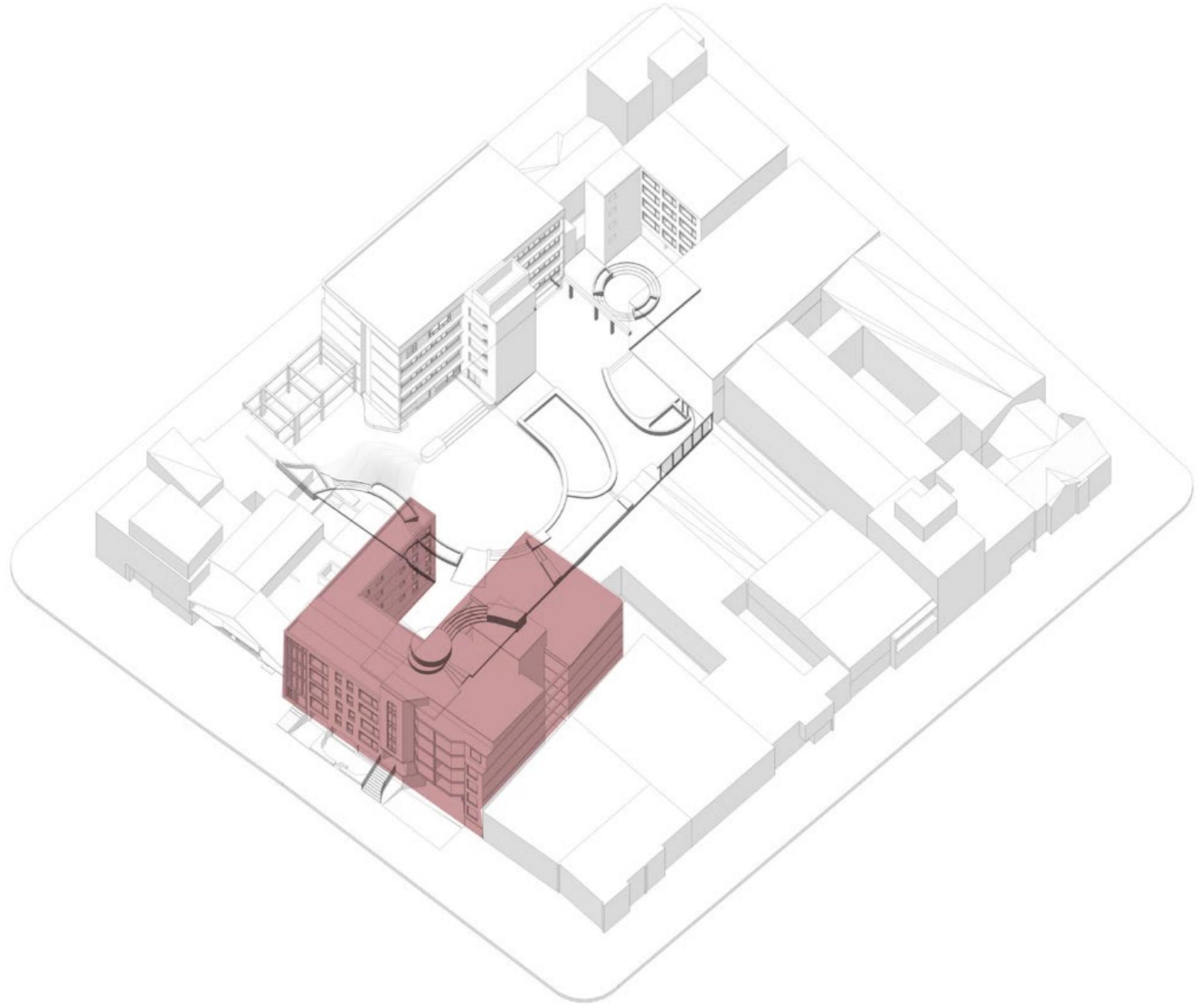
Compact service core



Open plan living space



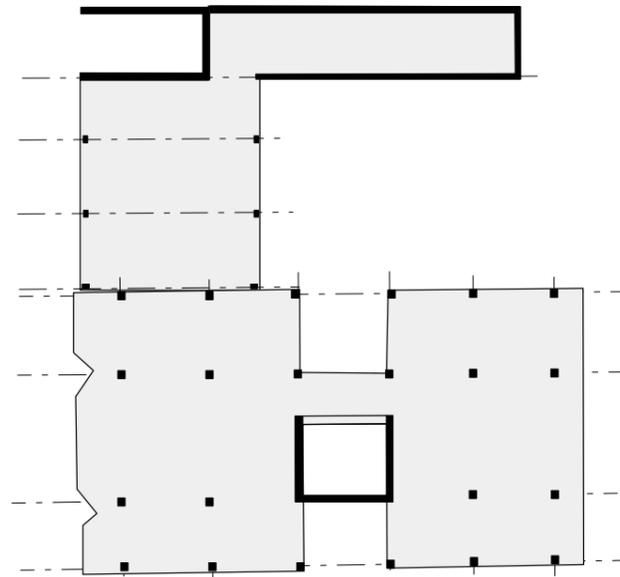
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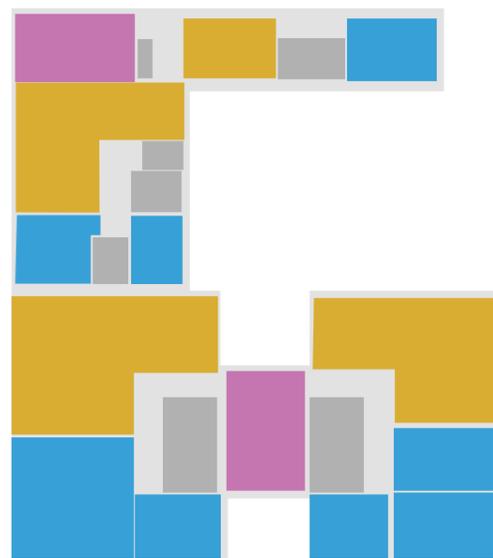
# CLEANING THROUGH RECONFIGURING

## EXISTING BUILDING PLAN

Structural elements



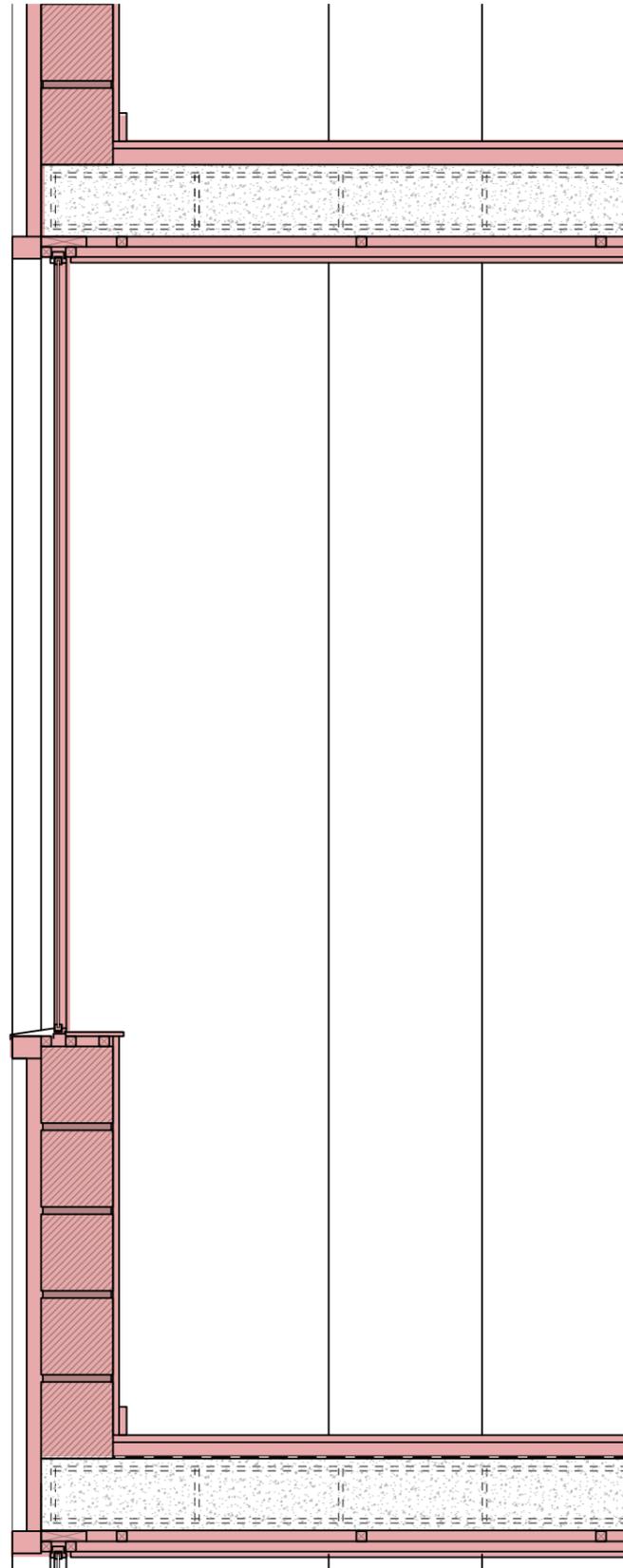
Accommodation distribution



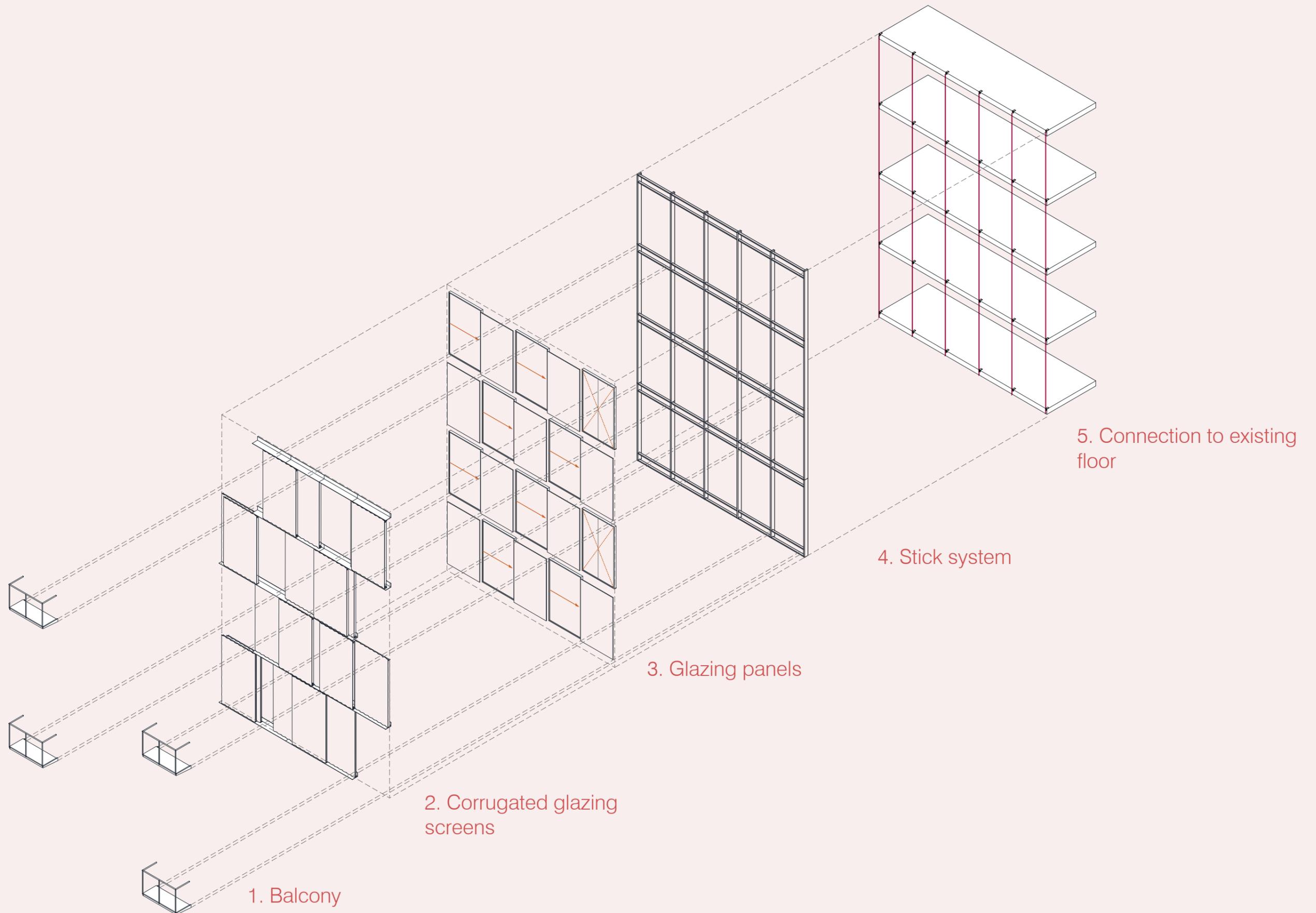
-  Living spaces
-  Bedrooms
-  Building core
-  Service spaces



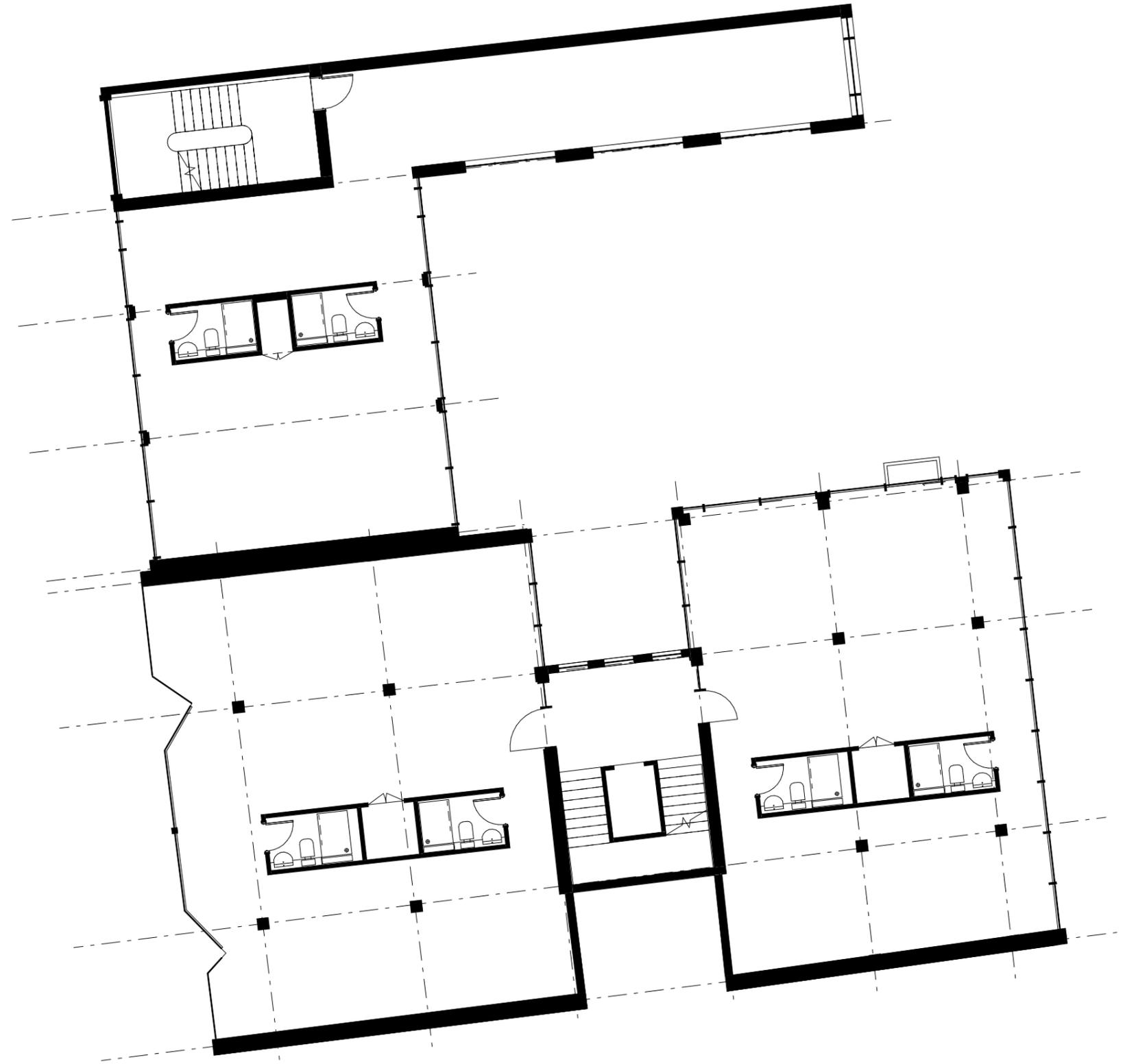
# CLEANING THROUGH RECONFIGURING TYPICAL FACADE



# CURTAIN WALL SYSTEM



# TYPICAL PLAN

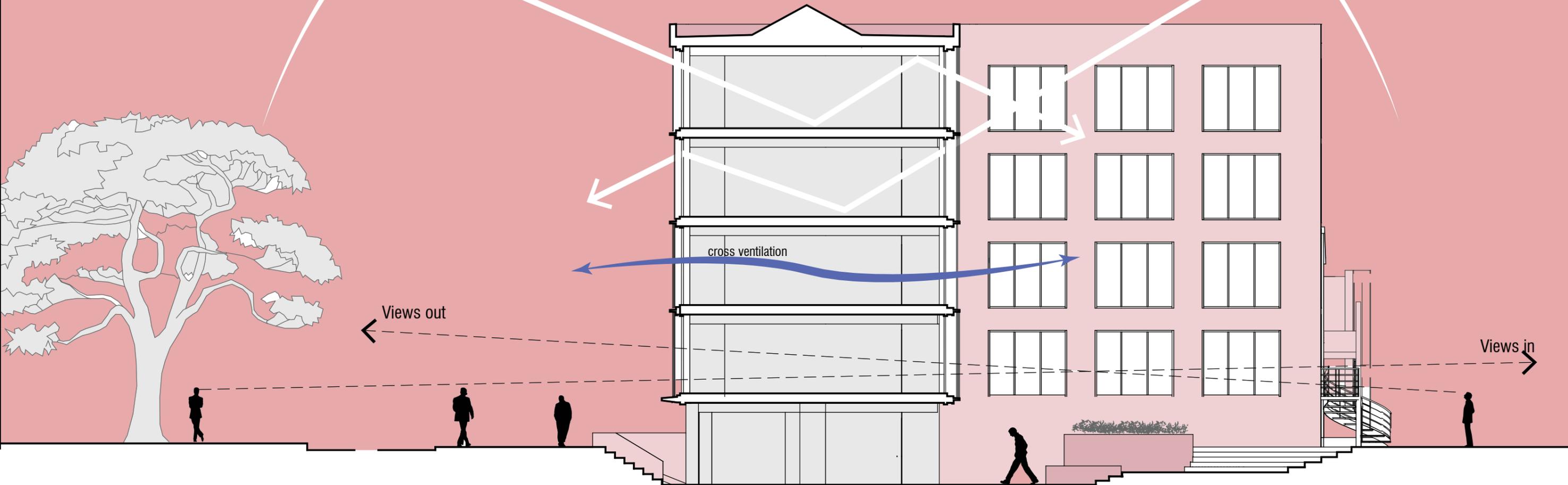


# CONDITION

Noon

Afternoon

Morning



Parkway

Pedestrian Area

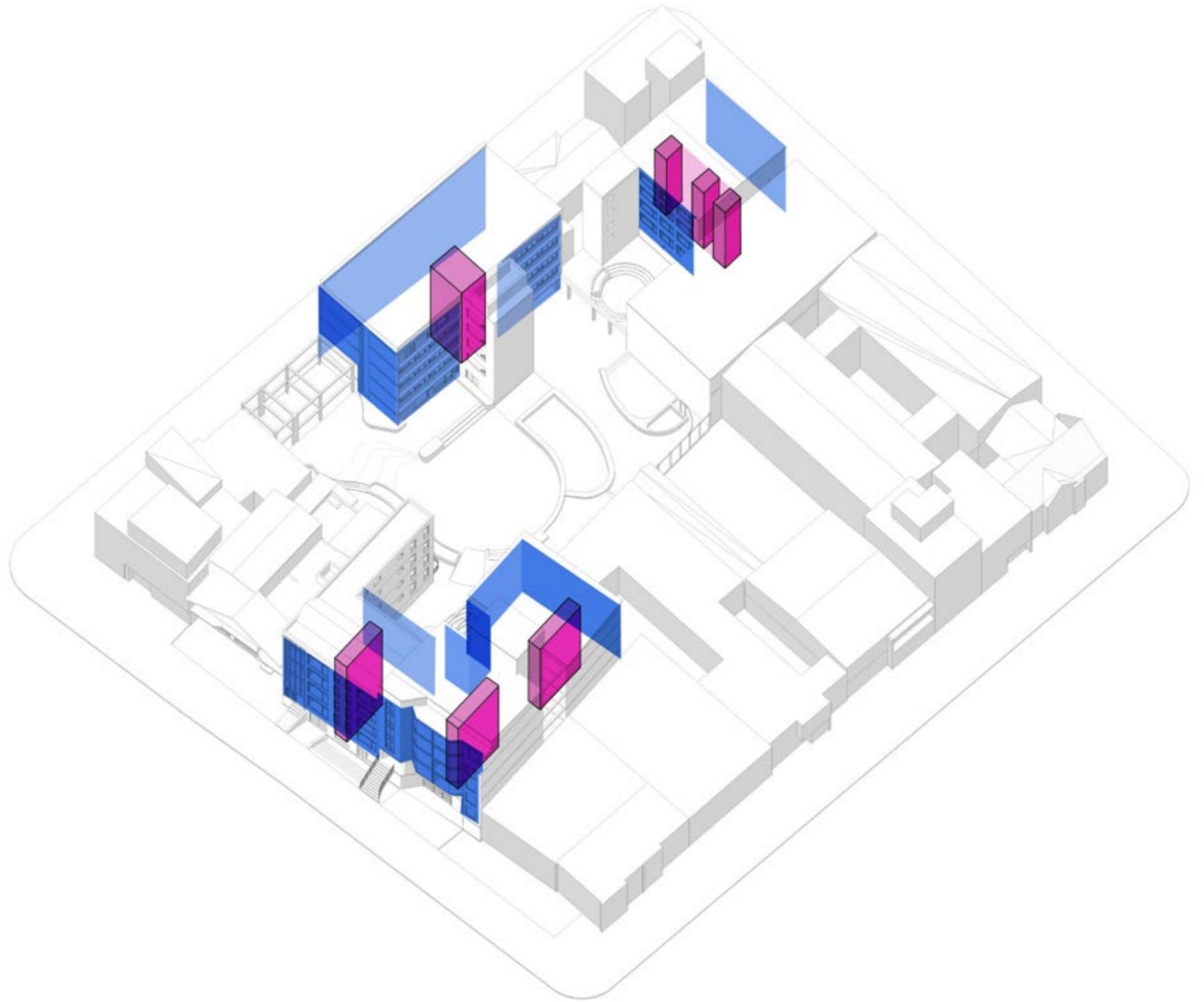
Building

Interior of Block

# CLEANING THROUGH TRANSPARENCY

Application to other buildings

-  Curtain walling
-  New service cores



# CLEANING THROUGH TRANSPARENCY

Exterior view of block



# CLEANING THROUGH TRANSPARENCY

Exterior view of block



# CLEANING THROUGH TRANSPARENCY

Interior view of block

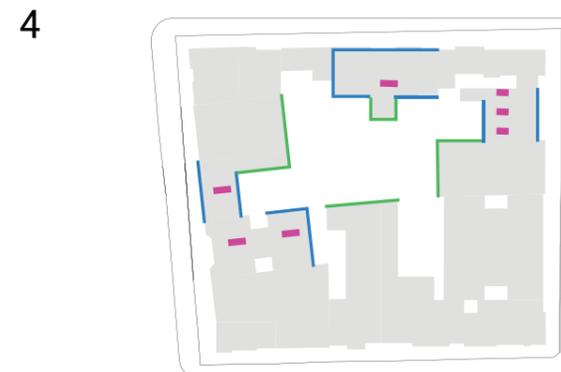
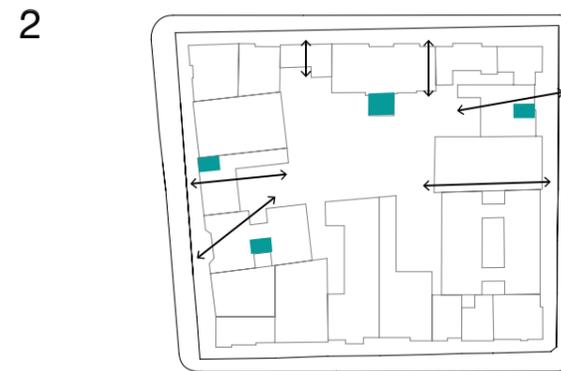
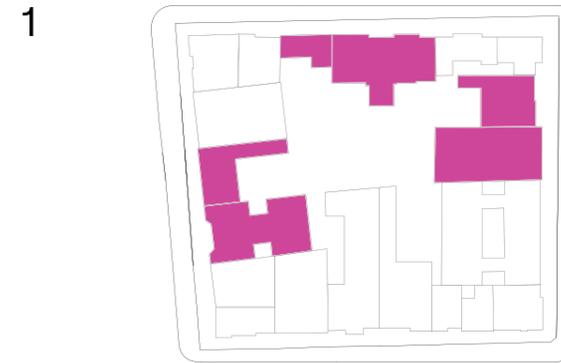
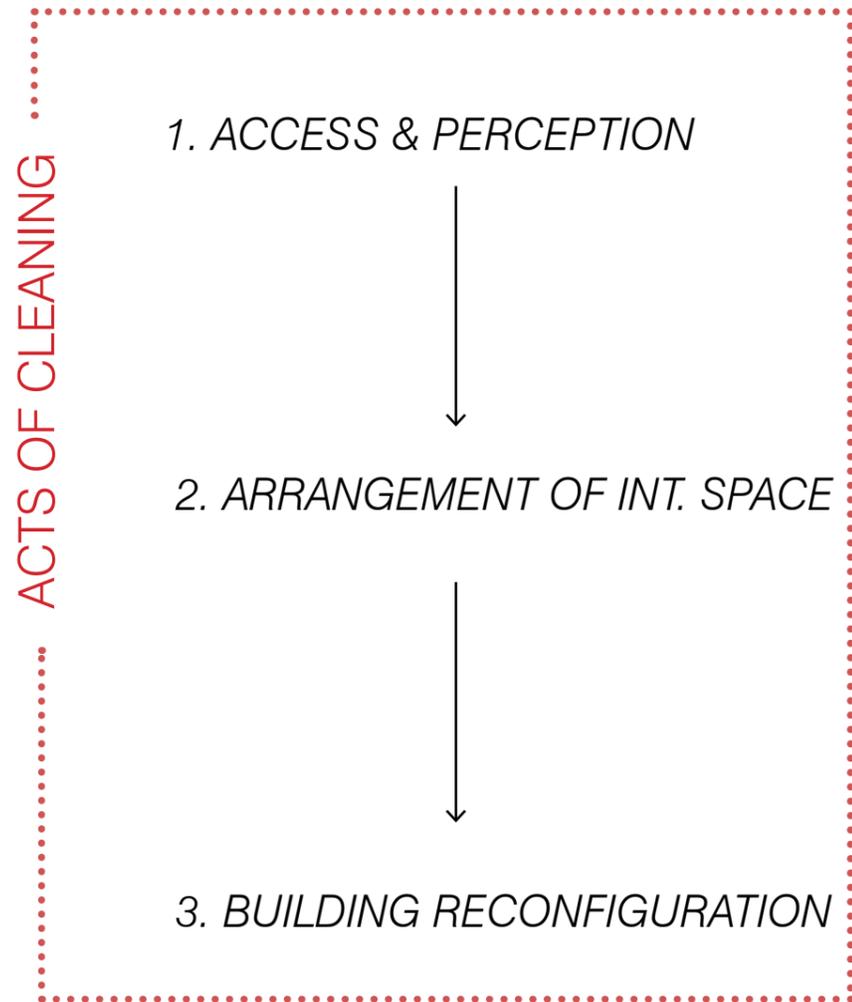


# CLEANING THROUGH TRANSPARENCY

Interior view of block



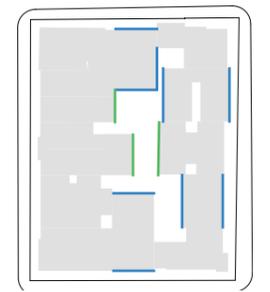
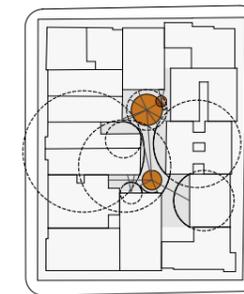
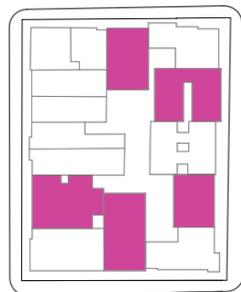
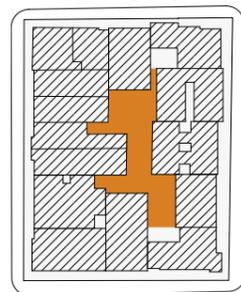
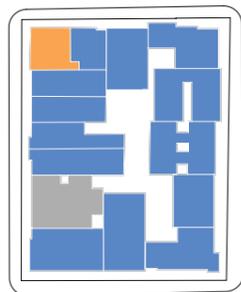
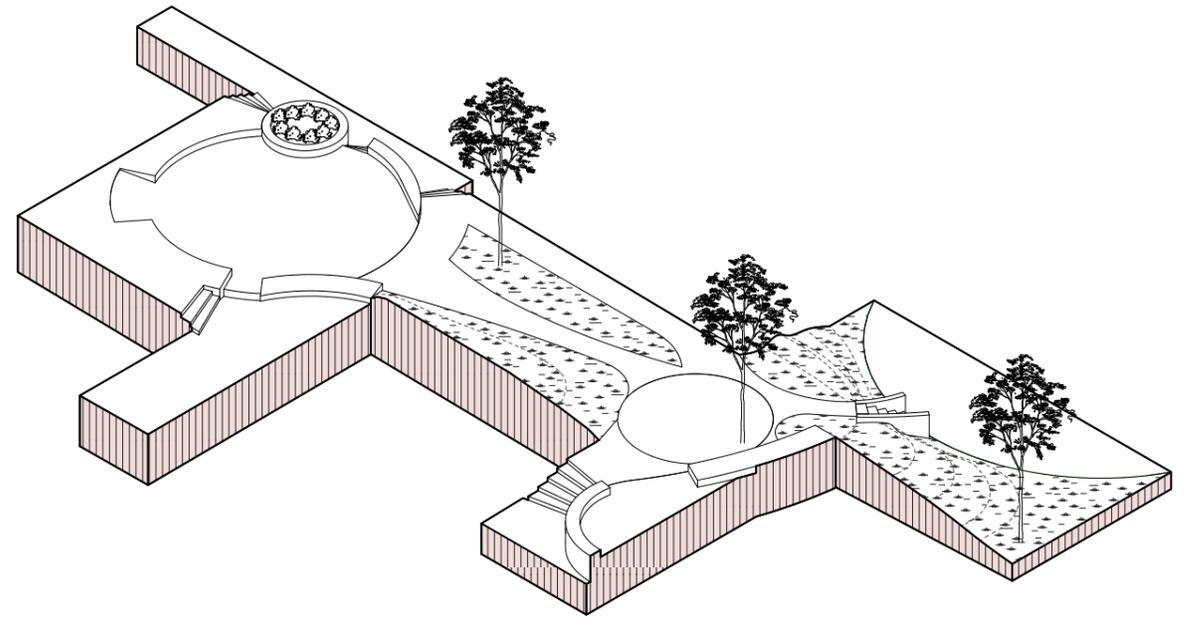
# A SYSTEMATIC APPROACH



# APPLICATION ON OTHER BLOCKS



# BLOCK 2



■ Residential  
■ Empty  
■ Hospitality

■ Interior space

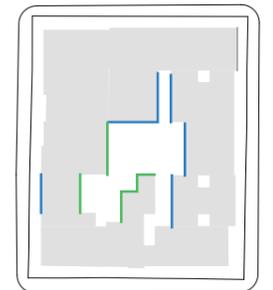
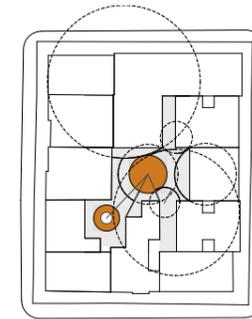
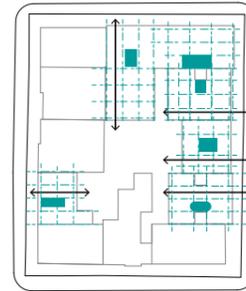
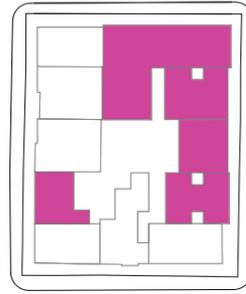
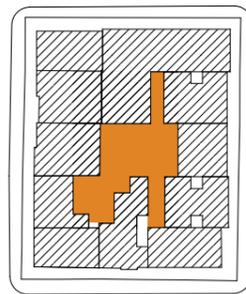
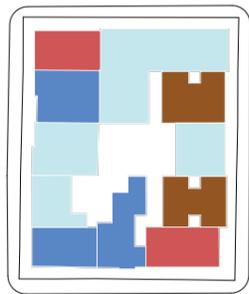
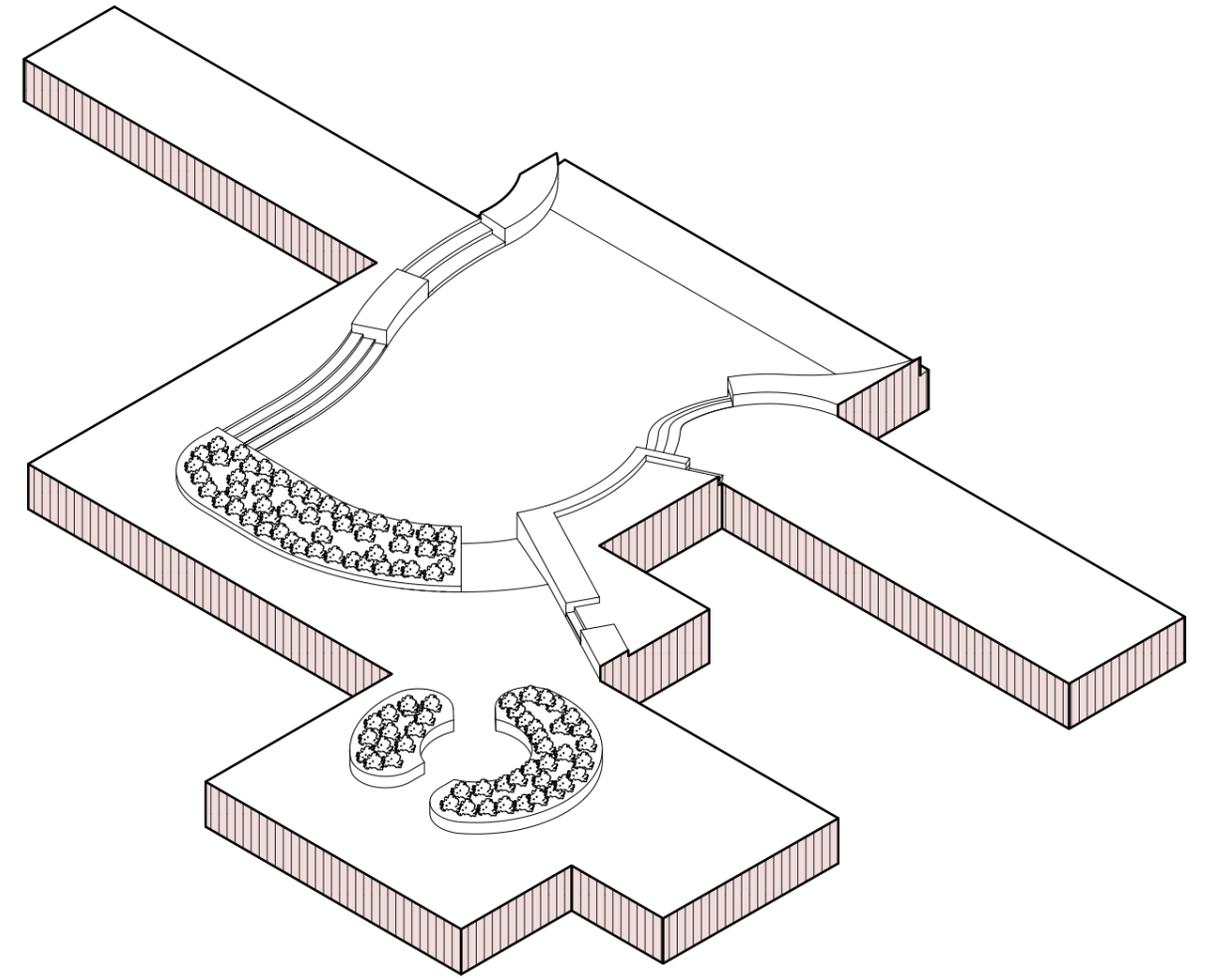
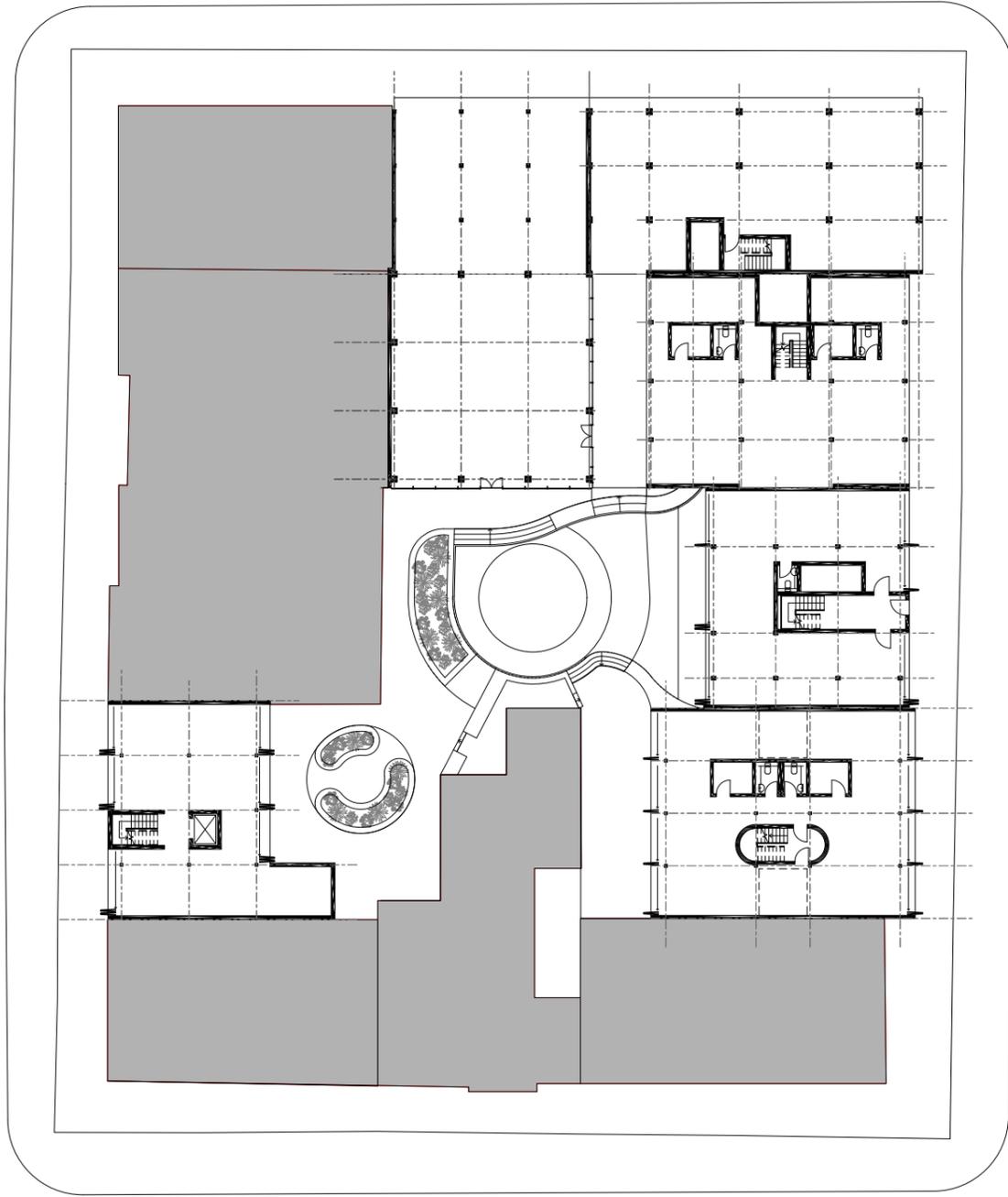
■ Reconfigured buildings

■ Cores

■ Composition of space

■ Curtain Walling  
■ Selective openings + new finish

# BLOCK 3



Residential  
 Institutional/government  
 Multifunctional  
 Offices

Interior space

Reconfigured buildings

Cores

Composition of space

Curtain Walling  
 Selective openings + new finish

# **ENCOUNTERING THE UNEXPECTED**









**THANKS**