

unawareness of beauty in ugliness

graduation presentation | 6 july 2020

by Linde Petit dit de la Roche



unawareness of beauty in ugliness

the state of not knowing or realizing that something is happening or that something exists.

oxford dictionary

content

01

introduction

- context
- challenges
- chosen building
- research question

02

strategies

- research
- strategies
- urban
- architectural

03

design

- strategy 01 - transform
- strategy 02 - new
- strategy 03 - split
- strategy 04 - current

04

impact

- context
- era
- density



01

introduction

context

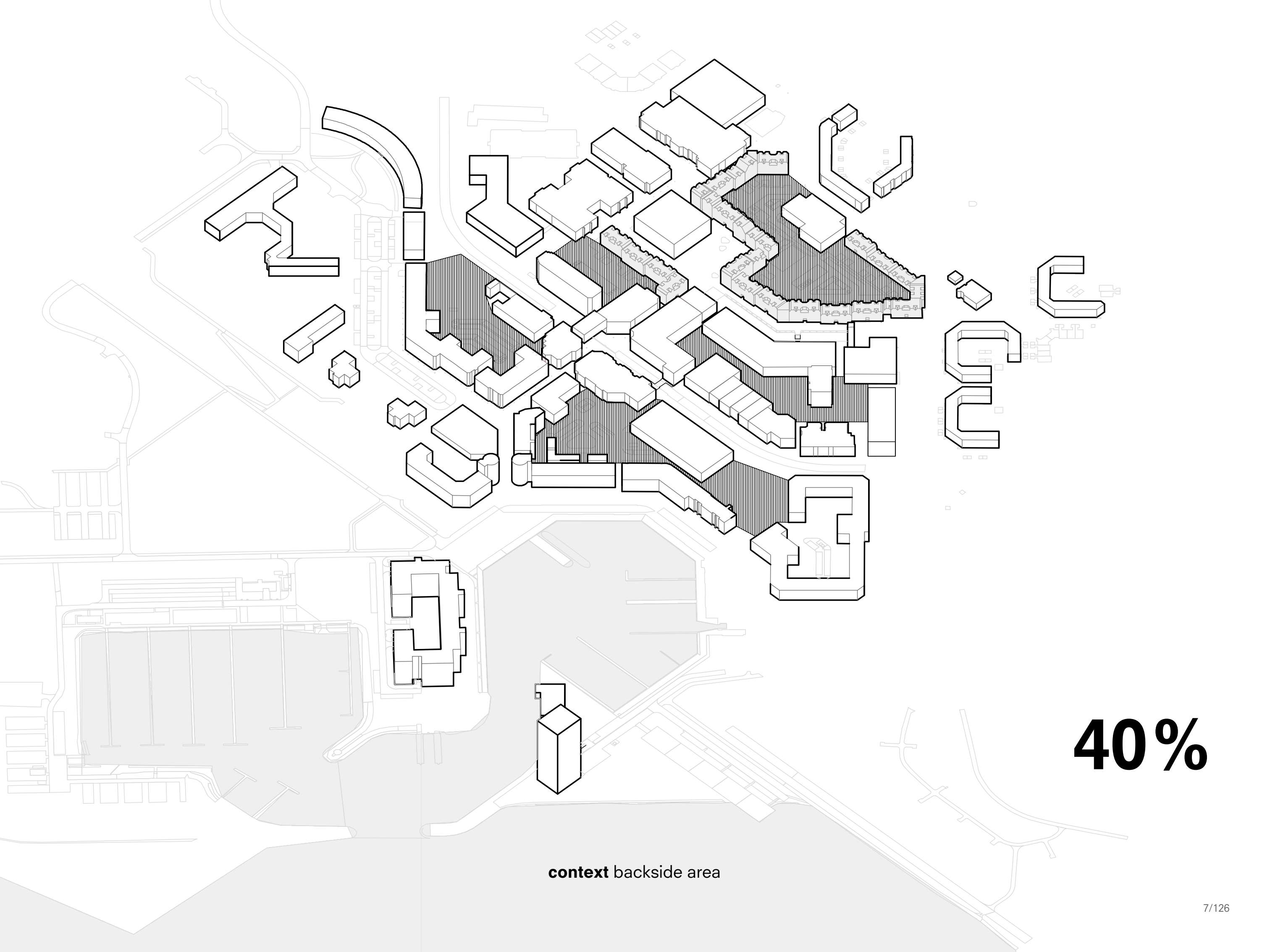
challenges

chosen building

research question



context almere haven



40%

context backside area



context fascination for the backsides



context fascination for the backsides



context fascination for the backsides



context fascination for the backsides



opportunity 01 develop a strategy for backsides



context difference frontside



context era of the 70's



opportunity 02 research the furthur heritage



opportunity 03 densify and redevelop the housing stock



context backareas Rotterdam



context backareas Rotterdam

what can we do?
do we want do to something?

DELFT OUTLOOK

By Christian
Jongeneel.
October 2018

DELFT INTEGRAAL

How to build a million new homes

Last spring, Minister of Foreign Affairs Kajsa Ollongren suggested that the Netherlands will need a million new homes by 2030. That sounds like a lot, but it isn't really. The important question is: what types of homes? We mustn't repeat the mistake of building endless series of exactly the same homes, says Prof. Dick van Gameren, Professor of Dwelling at TU Delft.

<https://www.tudelft.nl/en/delft-outlook/articles/how-to-build-a-million-new-homes/>

context backside area



70's



now

architectural strategy densification | housing stock





no spatial quality
at the backside

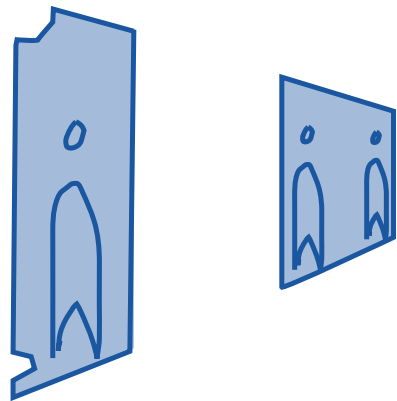


era of the 70's



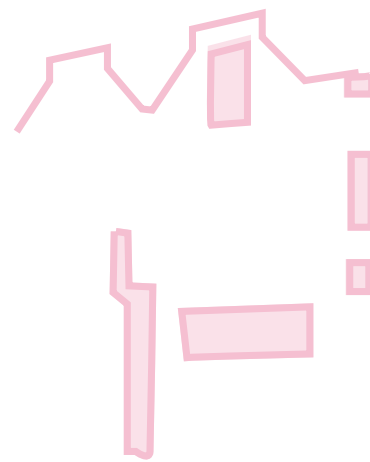
vacancy in the plinth and
disbalanced housing stock

challenges assignment



context

backside



era

architectural language



densification

housing stock

challenges questions

How can these seventies backside area's with a lack of spatial quality be improved and answer the current question for densification?

urban

What are the elements that are creating an area with a lack of quality, no liveliness and gives an unsafe feeling and what are generic design solutions to solve this?

era

How to incorporate the desires of the residents of Almere Haven in the densification question

densification

What are the possibilities for infill and improvement within a 70's neighbourhood regarding the current sustainable and densification questions?

challenges research question





01 first core of Almere on Flevoland

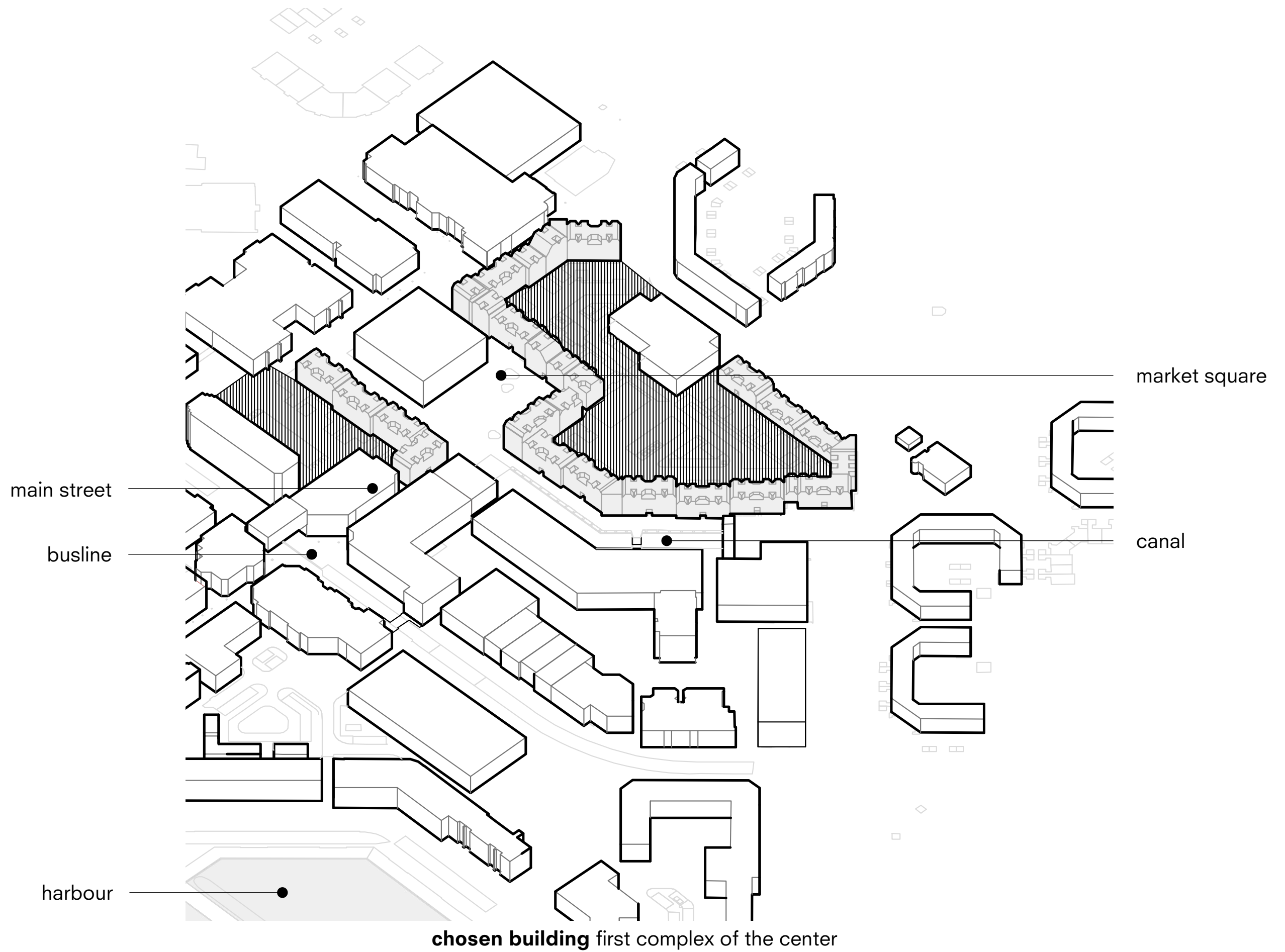


03 mixing and stacking functions



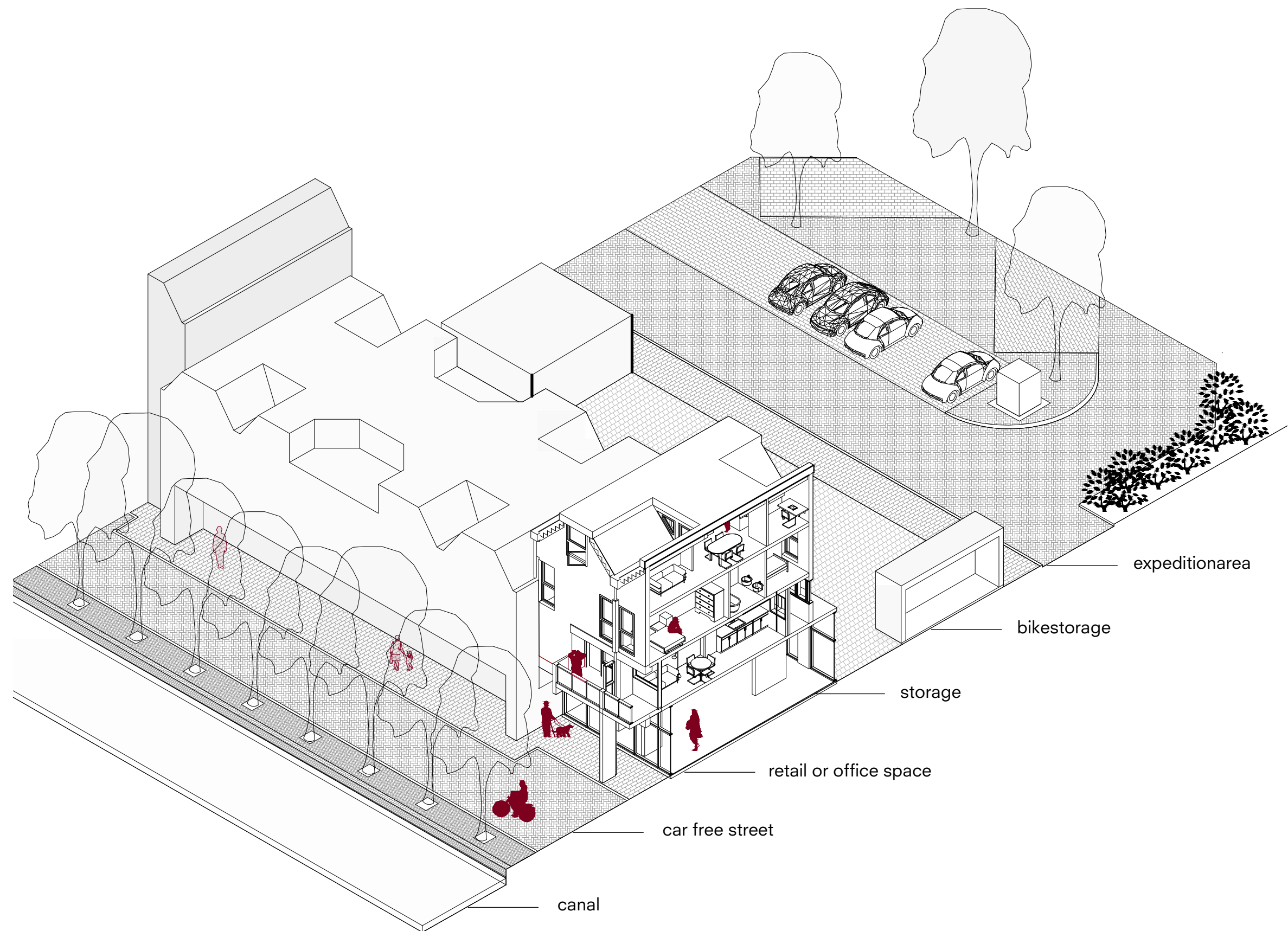
02 village feeling

context urban strategy





chosen building backside



chosen building expeditionarea - *use value*



chosen building frontside

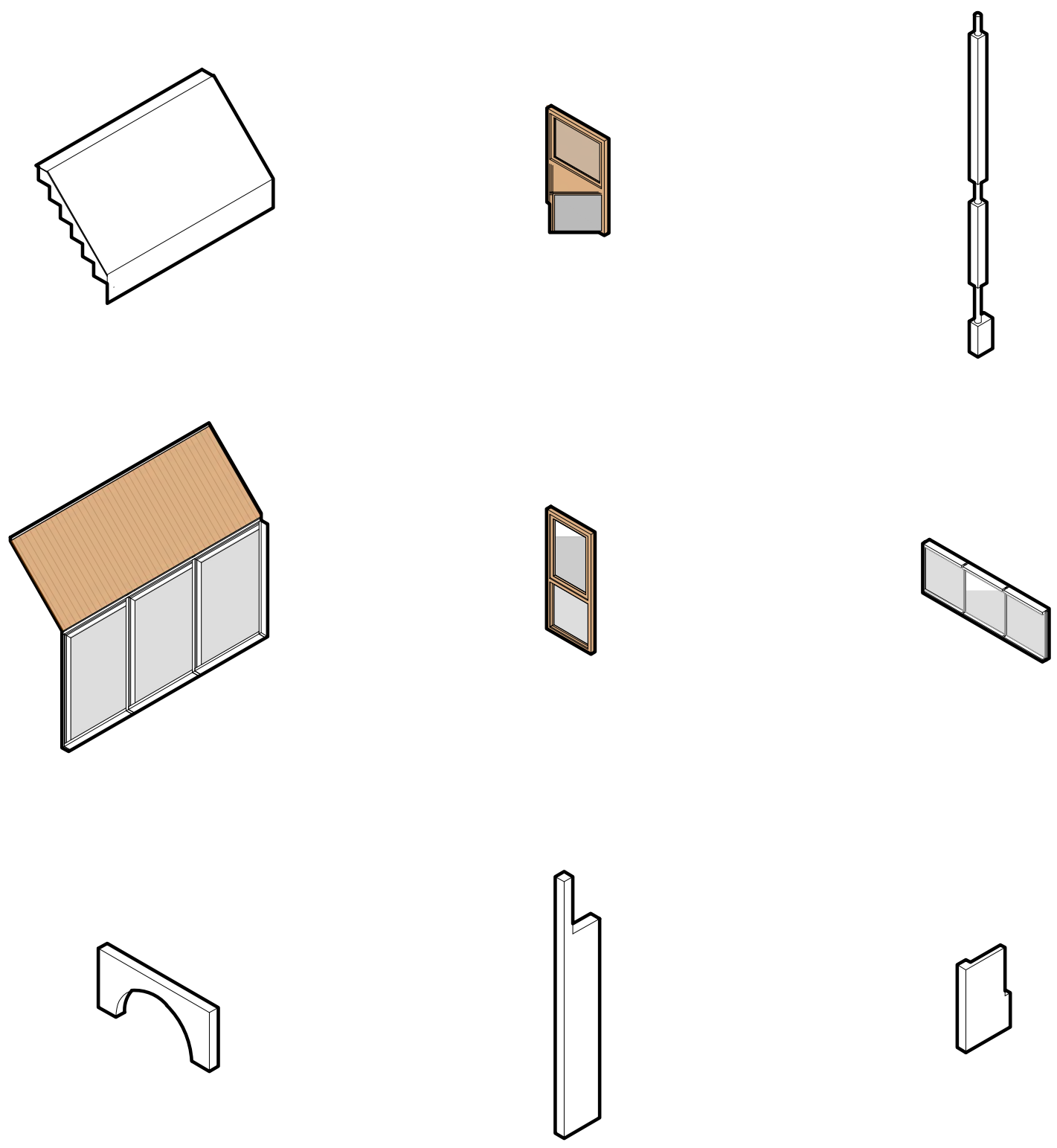


chosen building plinth

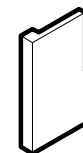
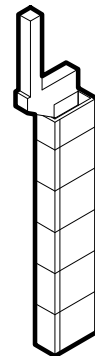
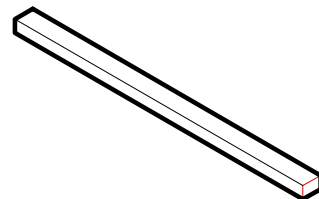
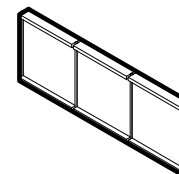
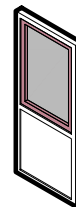
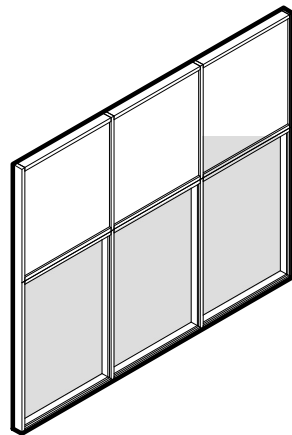
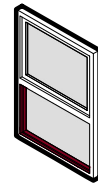
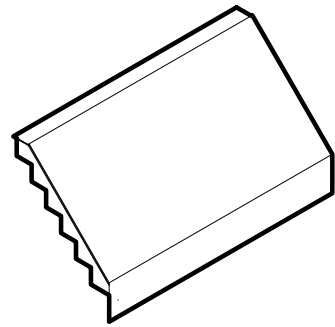


now

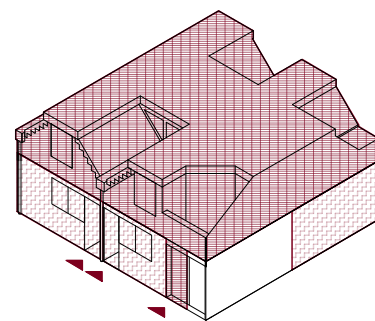
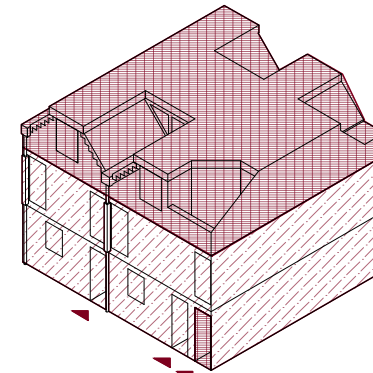
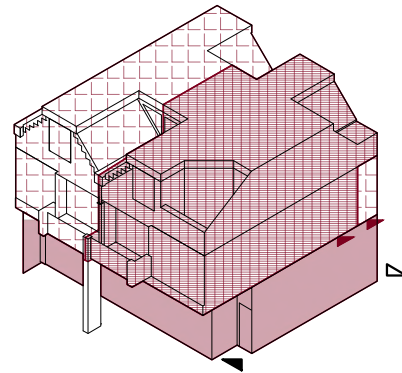
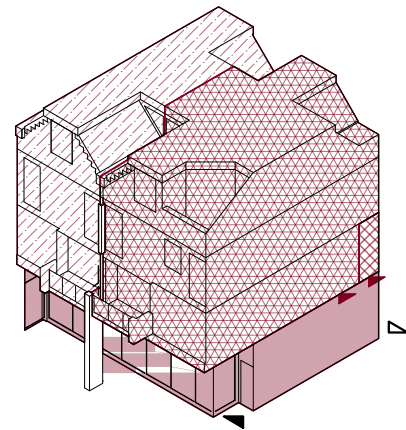
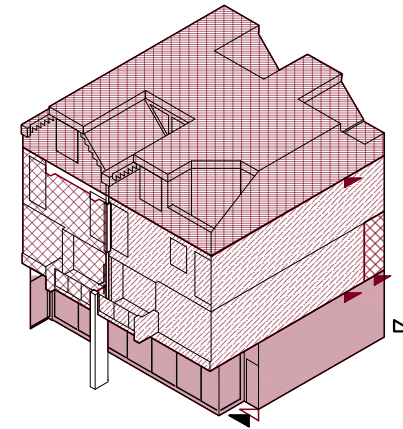
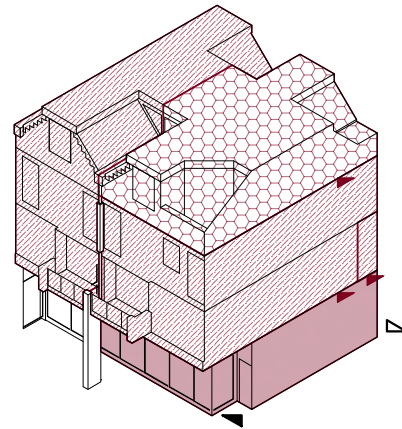
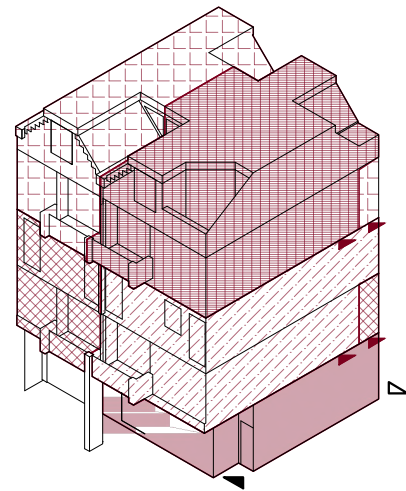
chosen building plinth



chosen building details - elements 70's



chosen building details - elements now



5 levels max building height
6 types households
 offices and retail

chosen building households

context

- Reinterpret and improve the backside area
- **Serve the community of Almere Haven again**
- Change in program possible

era

- **Reinterpret or repair the elements in the architectural language of the 70's**
- Interventions in the backfacade are possible
- Repair the architectural articulation of the plinth
- Reinterpret the bufferzone in the plinth

densification

- Strengthen the diversity in households
- **Interventions with the human scale as a priority**

chosen building cultural value conclusions

Ambition

redevelop the backside area and provide a strategy to gain spatial quality when an improvement or densification is asked.



02

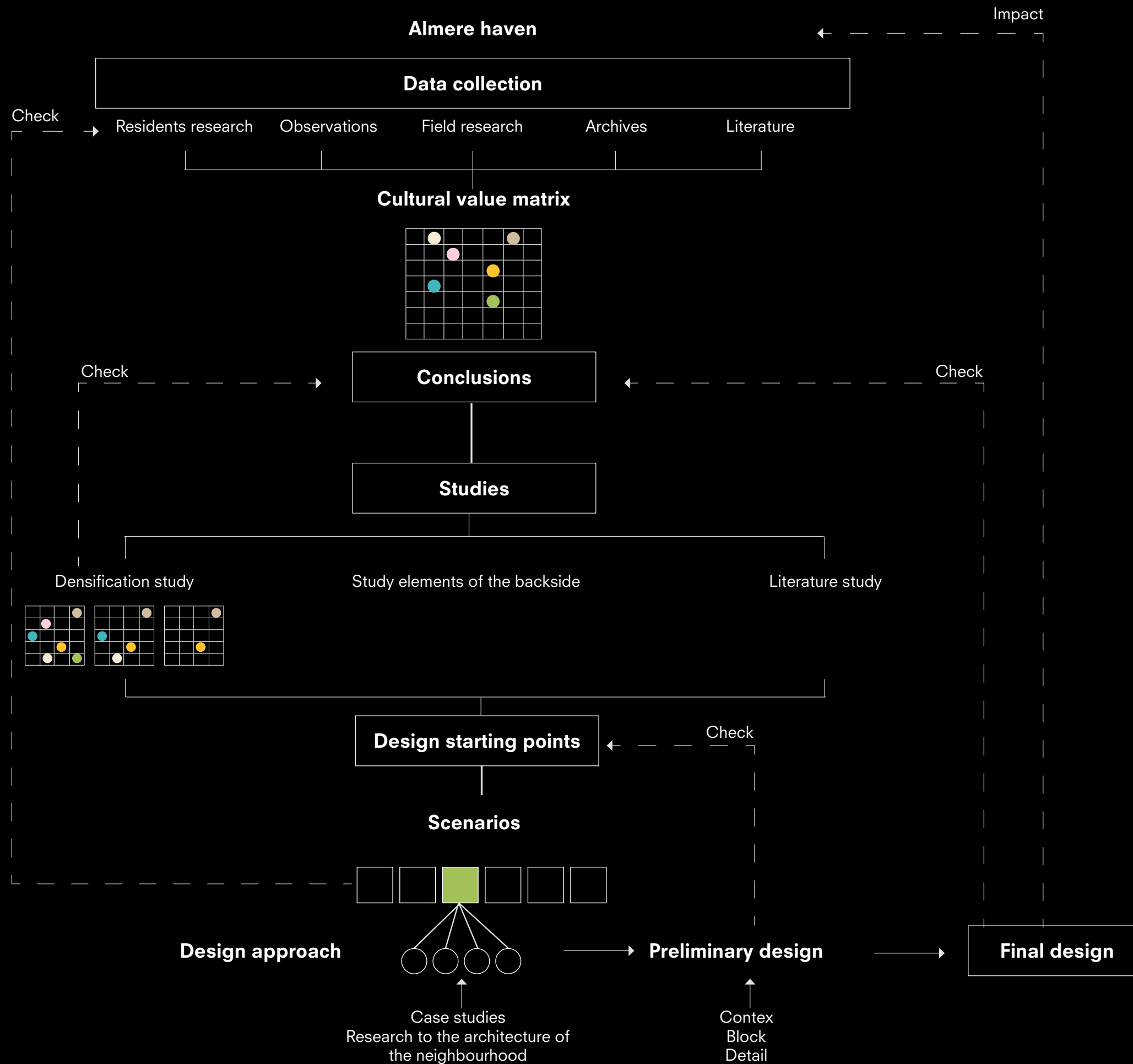
design strategies

research

strategies

urban

architectural

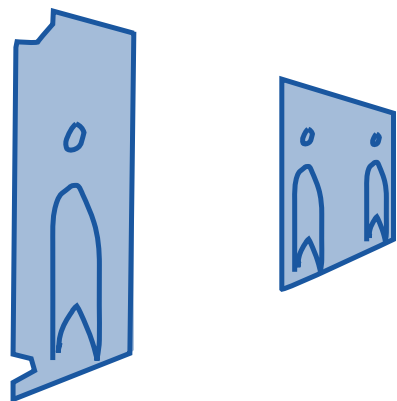


PART 1

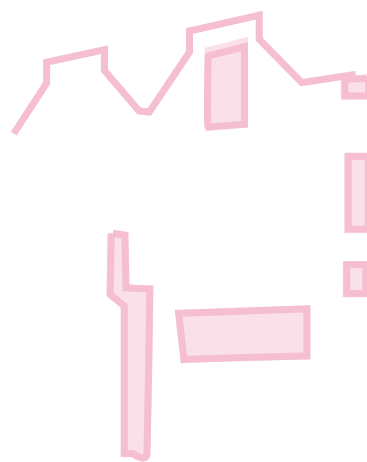
What are the cultural values of the site

PART 2

How to combine the fascination and the values into a design



context



era

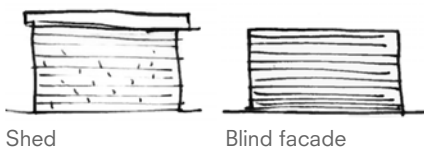


densification

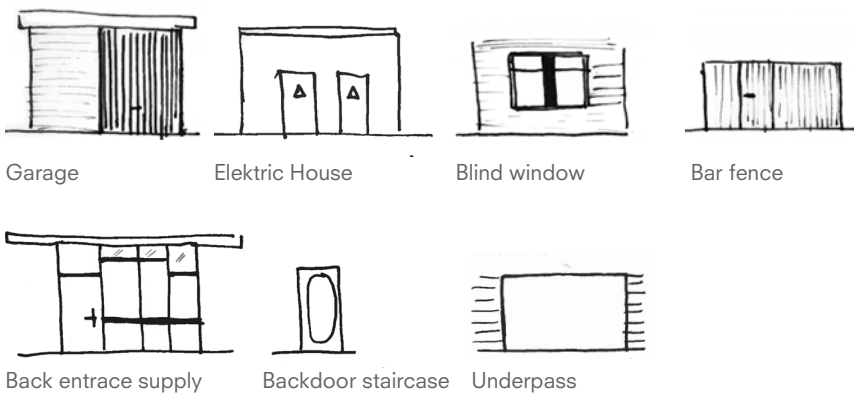
research subjects

plinth elements

blind



**closed
'openings'**



objects



urban elements

objects



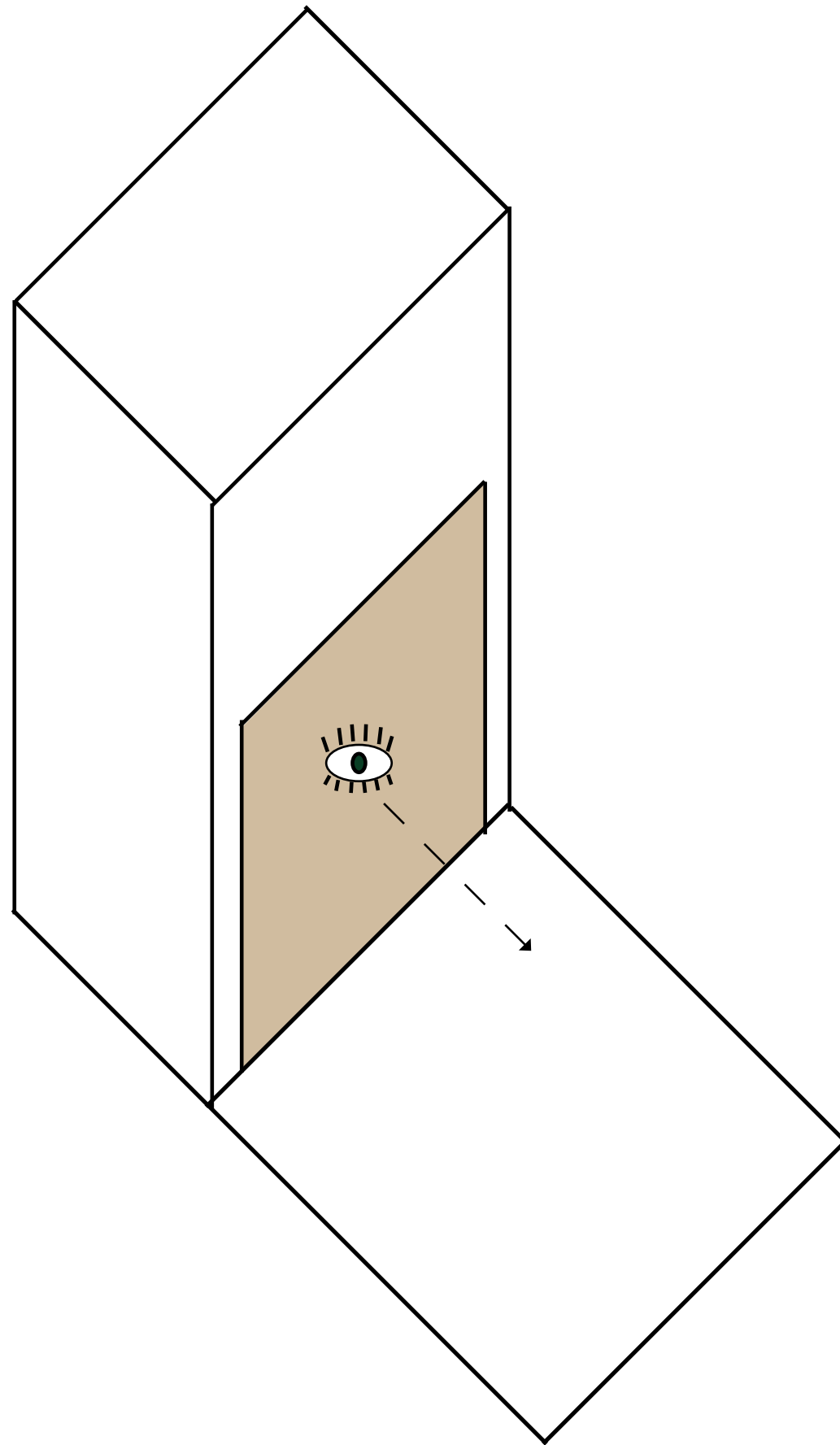
materiality




private infill

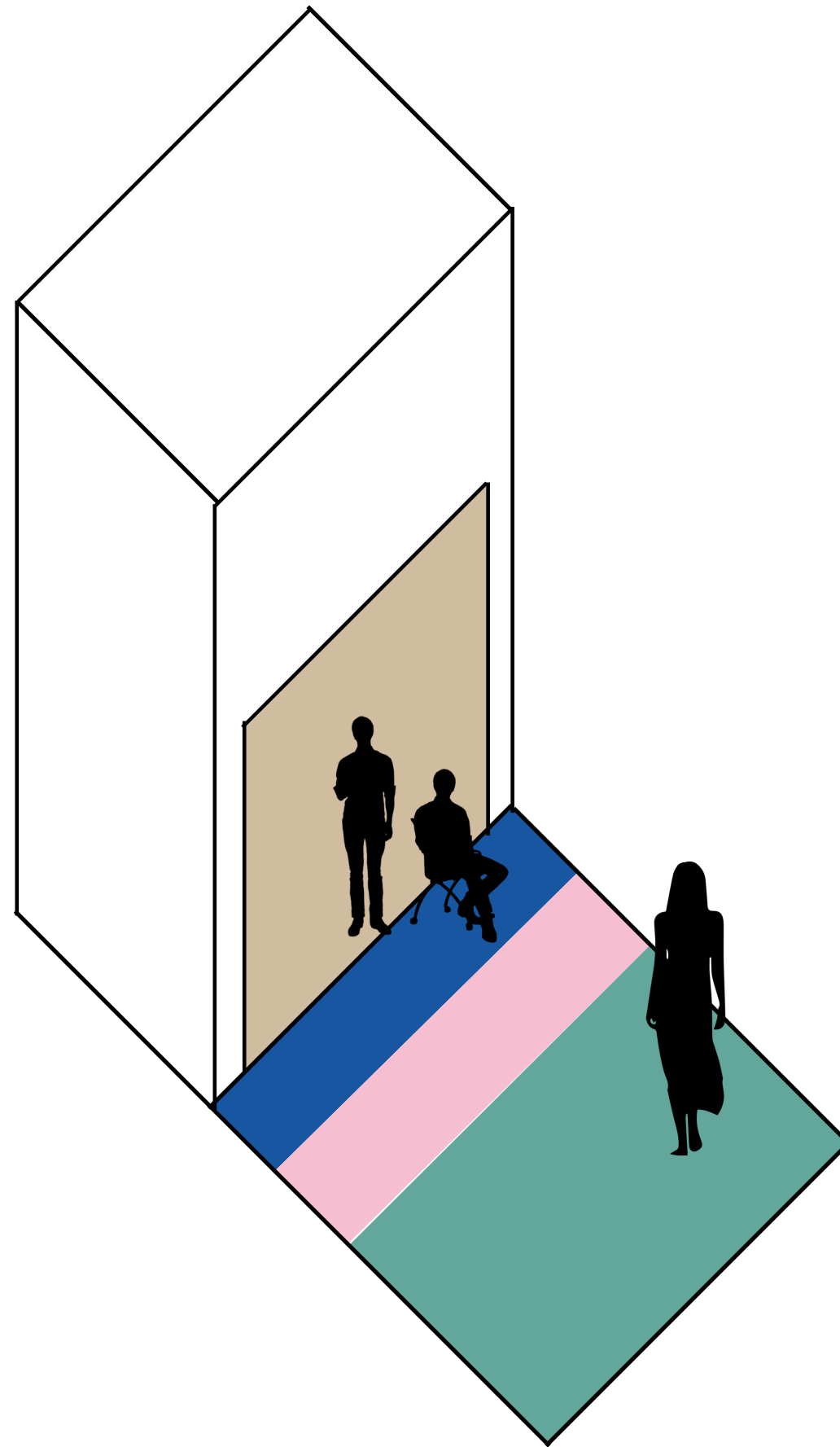




research context elements



 reprogram of new program

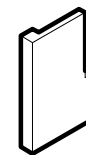
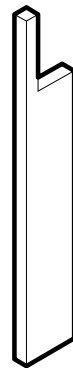
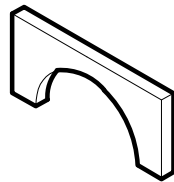
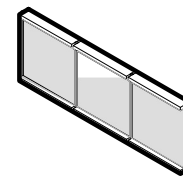
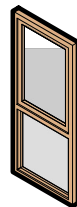
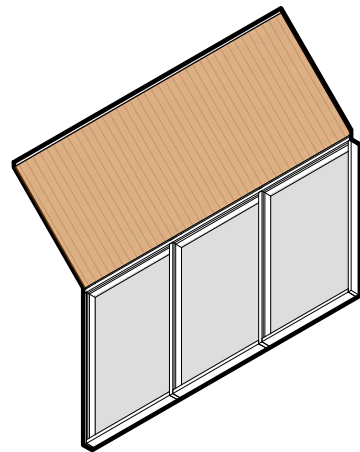
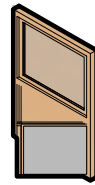
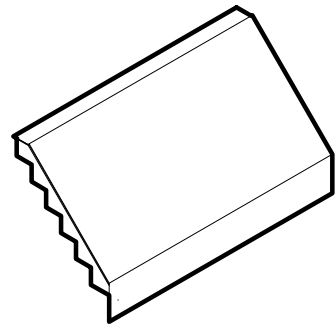
research context reprogram



-  reprogram of new program
-  private space
-  shared private space
pedestrian
-  common space

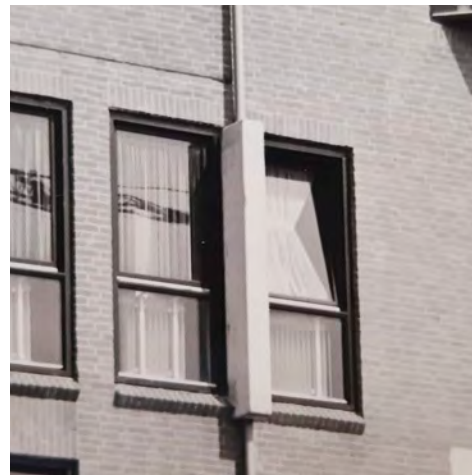
based on the theory of David Sim in
the book: Soft City, Building Density
for Everyday Life

research context reprogram - bufferzone

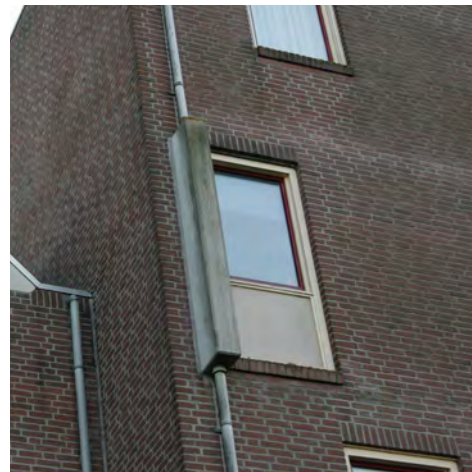


research era details

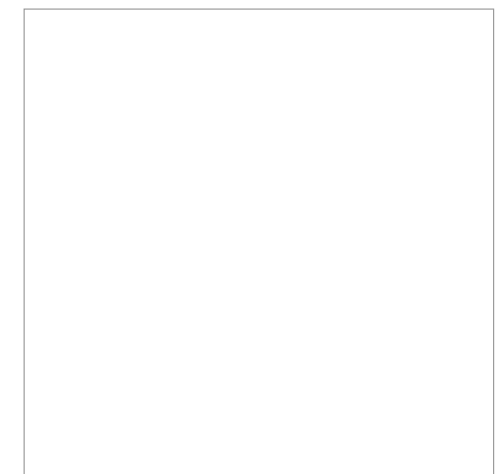
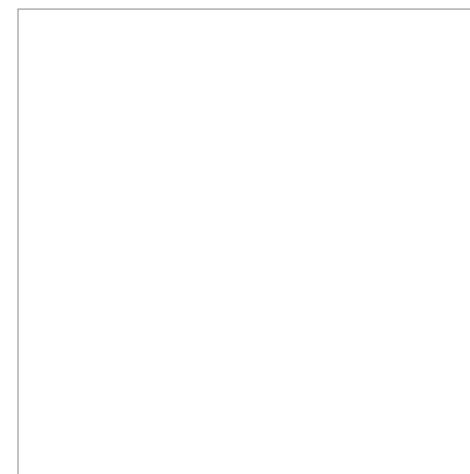
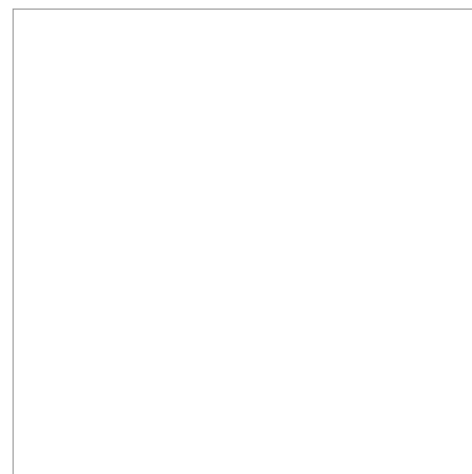
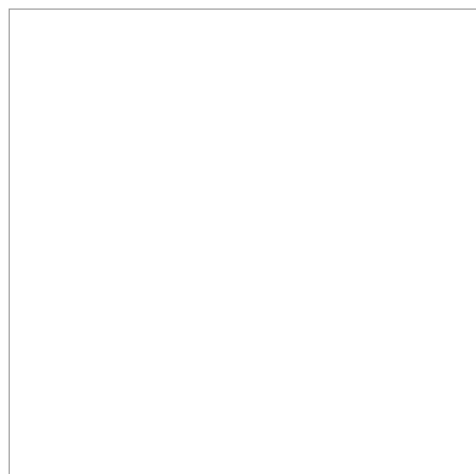
'70



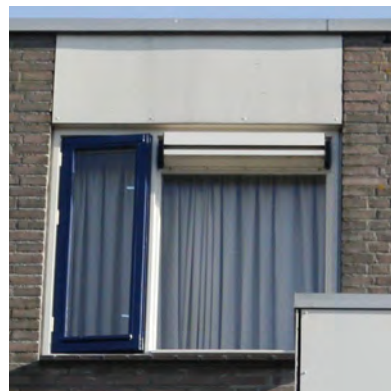
now



'30



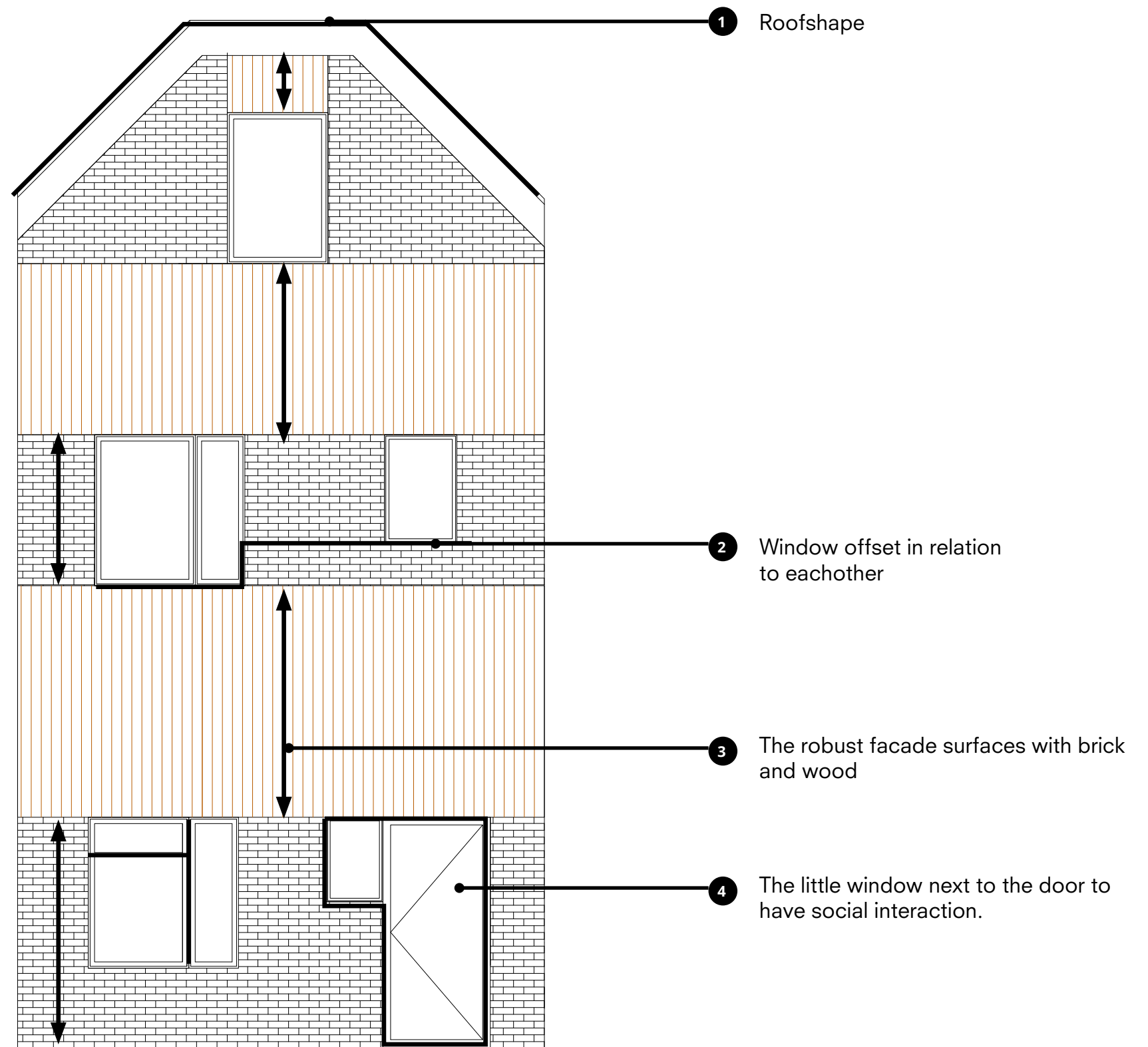
research era details | repair/reinterpret



research era neighbourhood architecture

	Silhouette	Section	Windowframes	Entrance and Frontdoor
Mastenbroek				
Stigt				
Canal				
Broekbakema				
Buitenhof				

research era neighbourhood architecture



research era summary of 70's architecture



research densification size of densification



Transformation

research densification size of densification



research densification size of densification



research densification size of densification

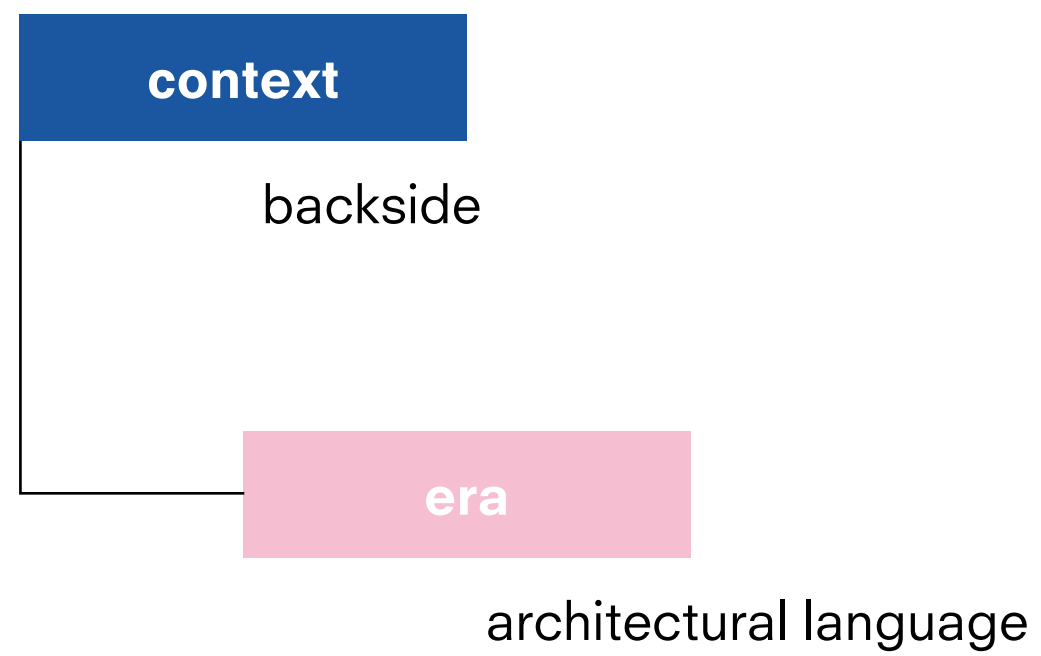
context	Reprogram	Bufferzone
era	Architectural language of the neighbourhood	Building height
densification	Density within existing building envelope	Diversity in households

research conclusions

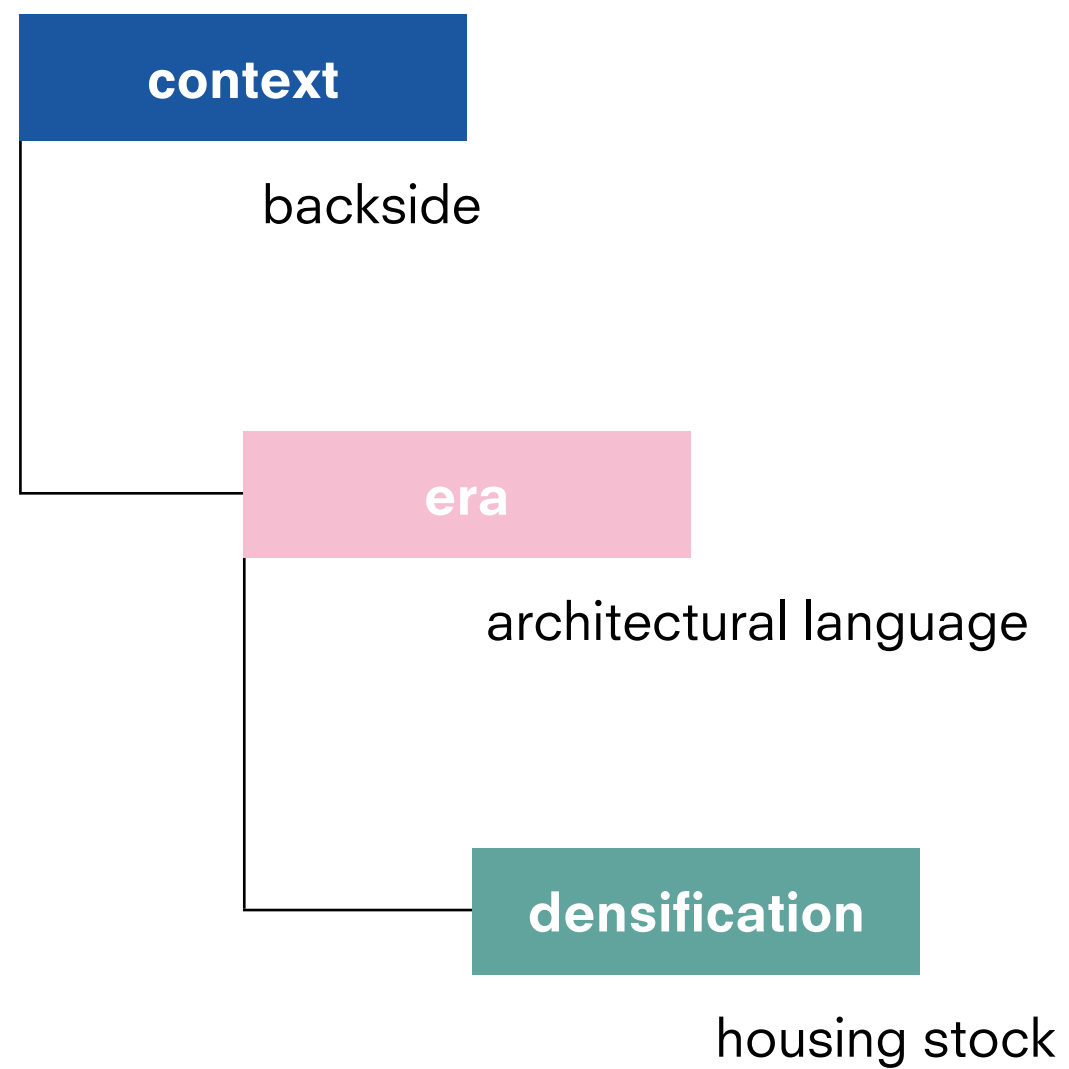
context

backside

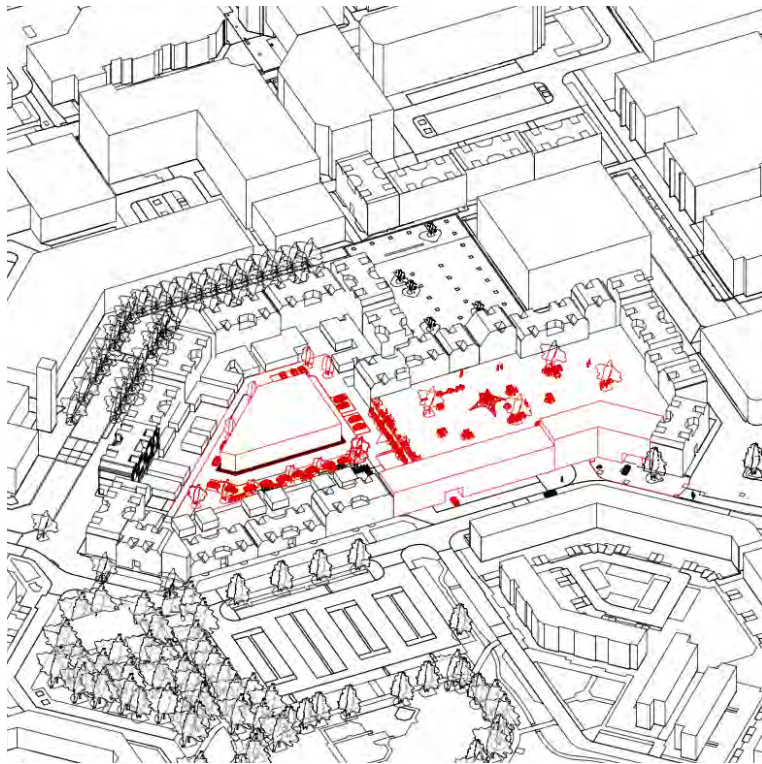
strategy priority



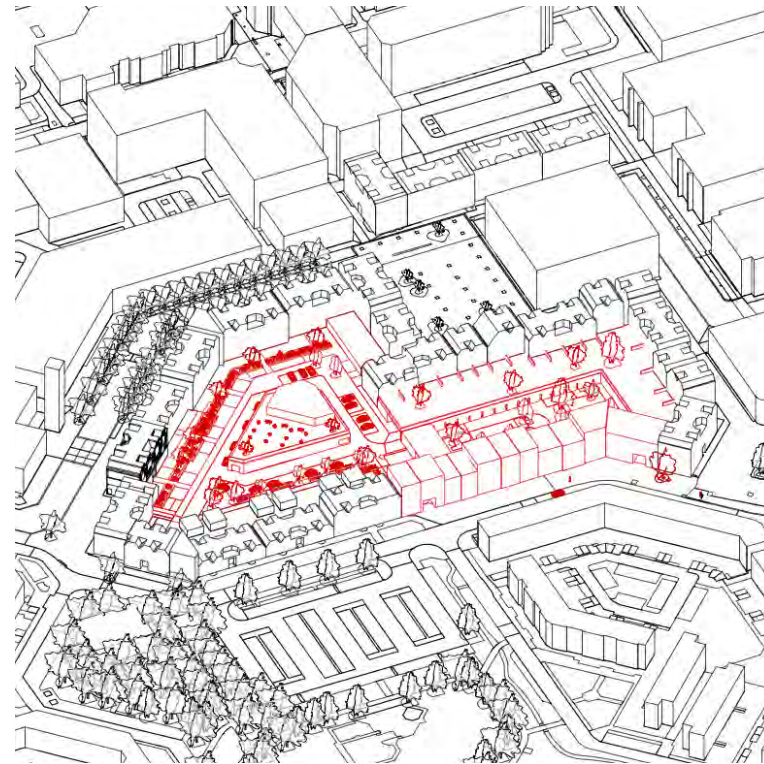
strategy priority



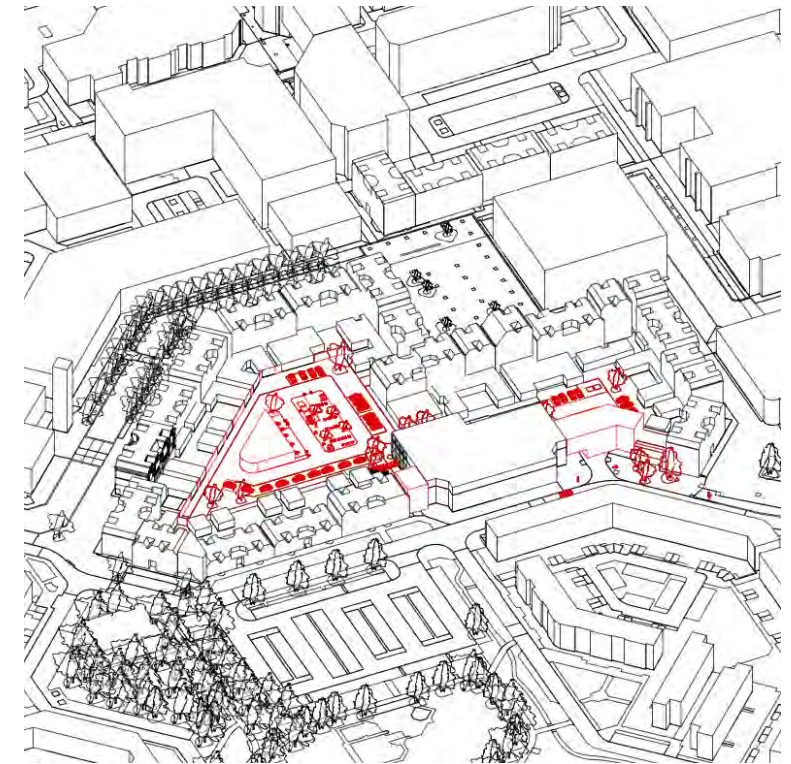
strategy priority



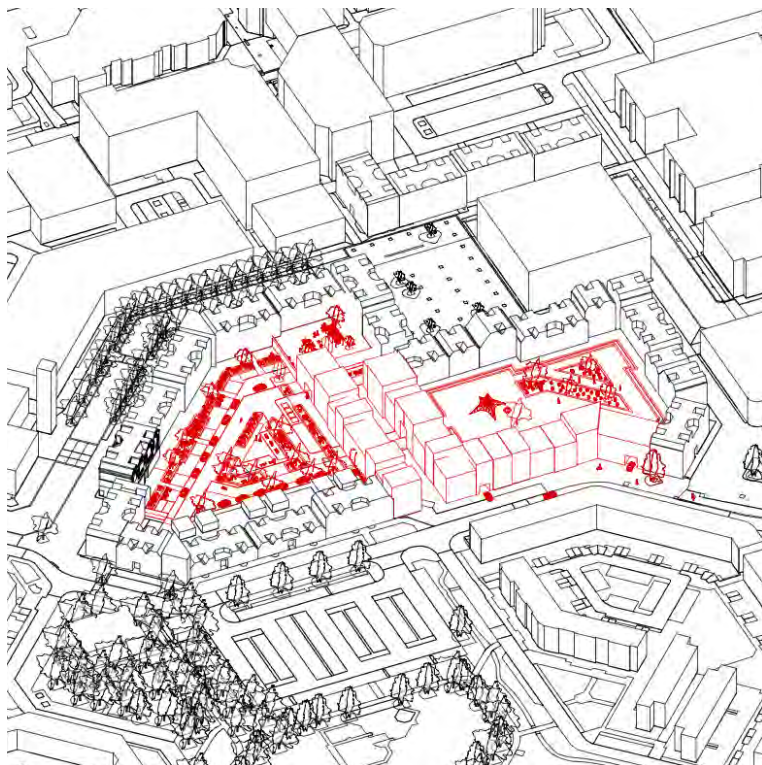
01



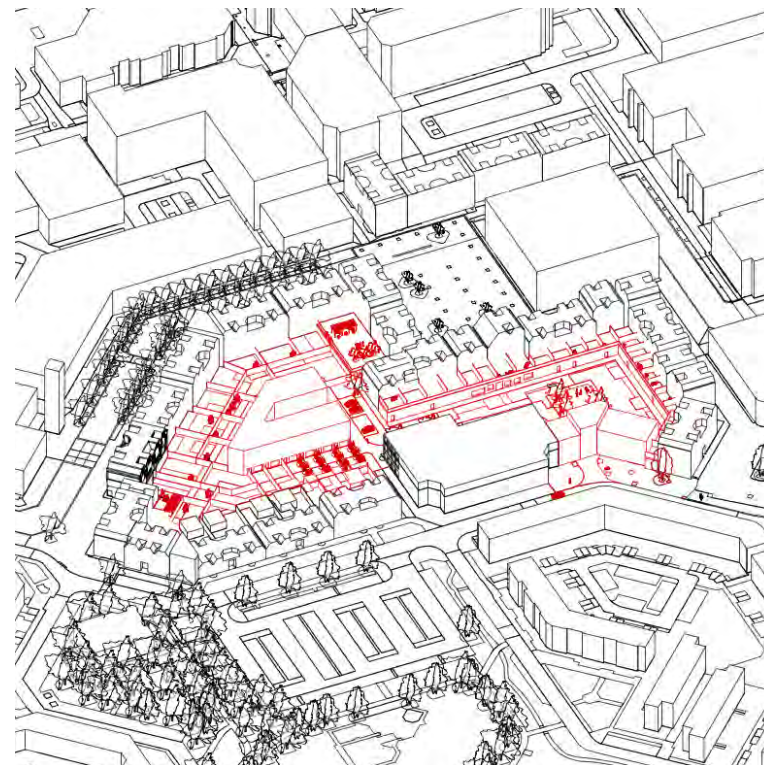
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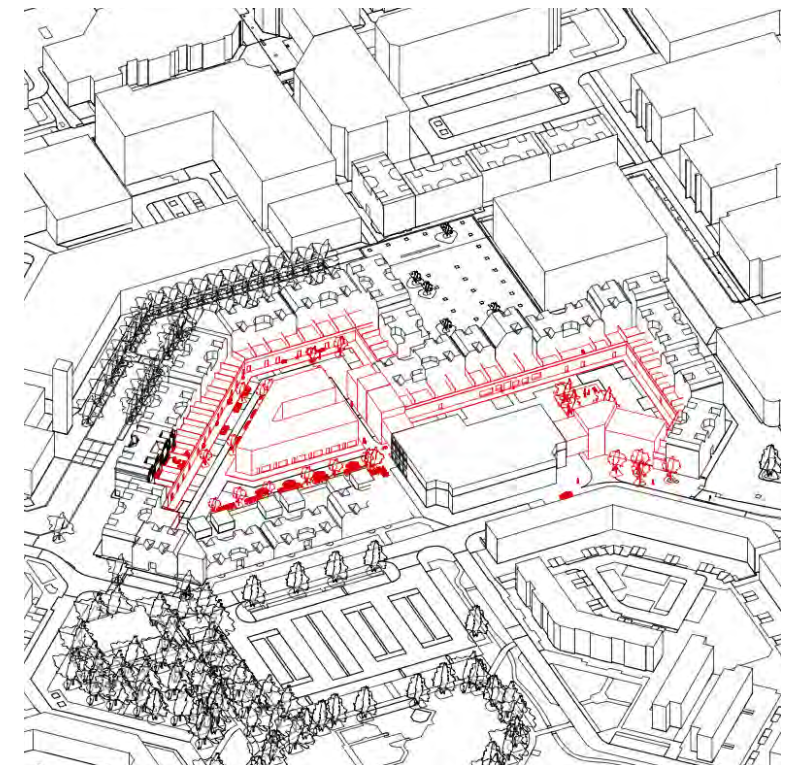
03



04



05



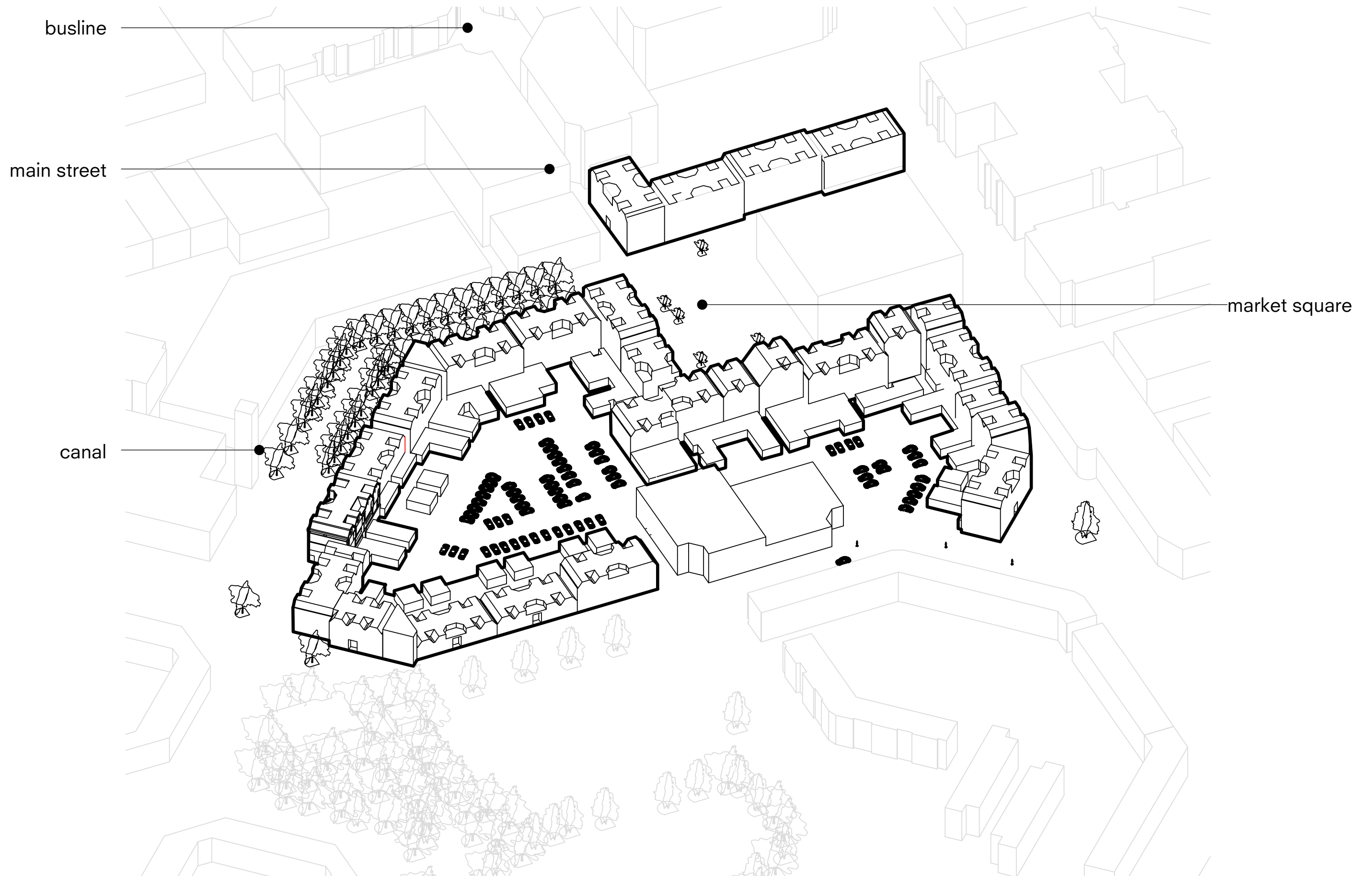
06

research reprogram

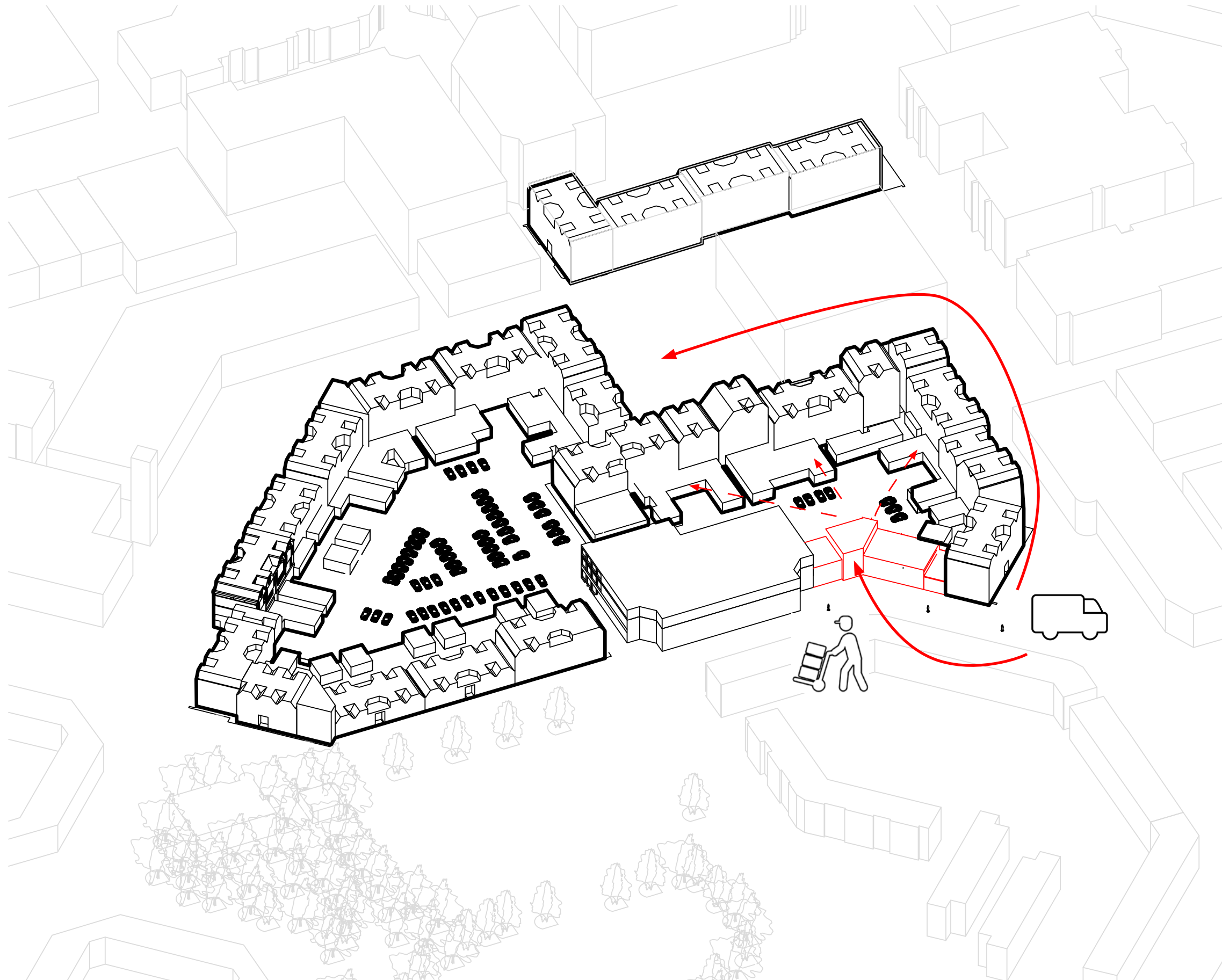


urban design strategy





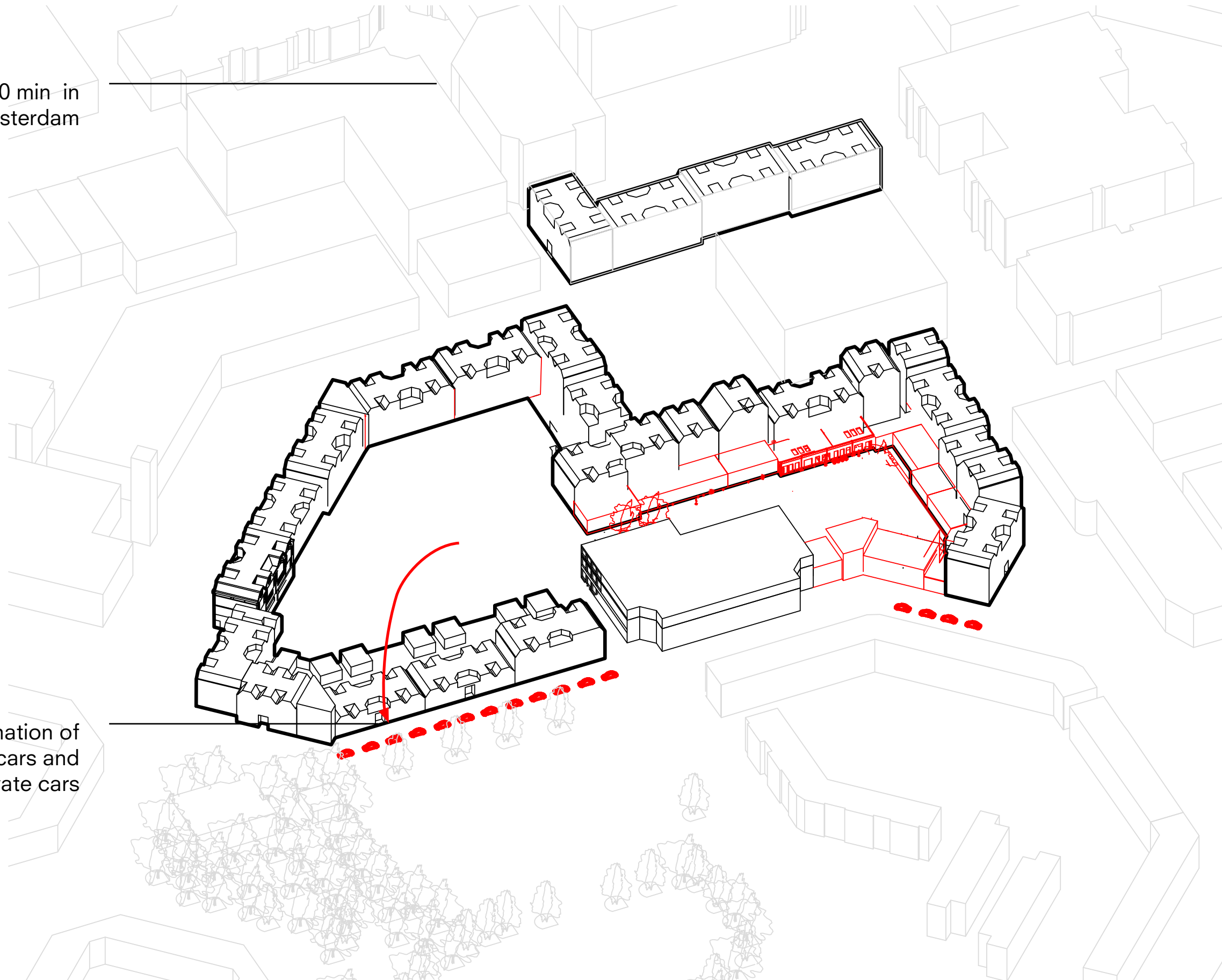
strategy urban design
current situation



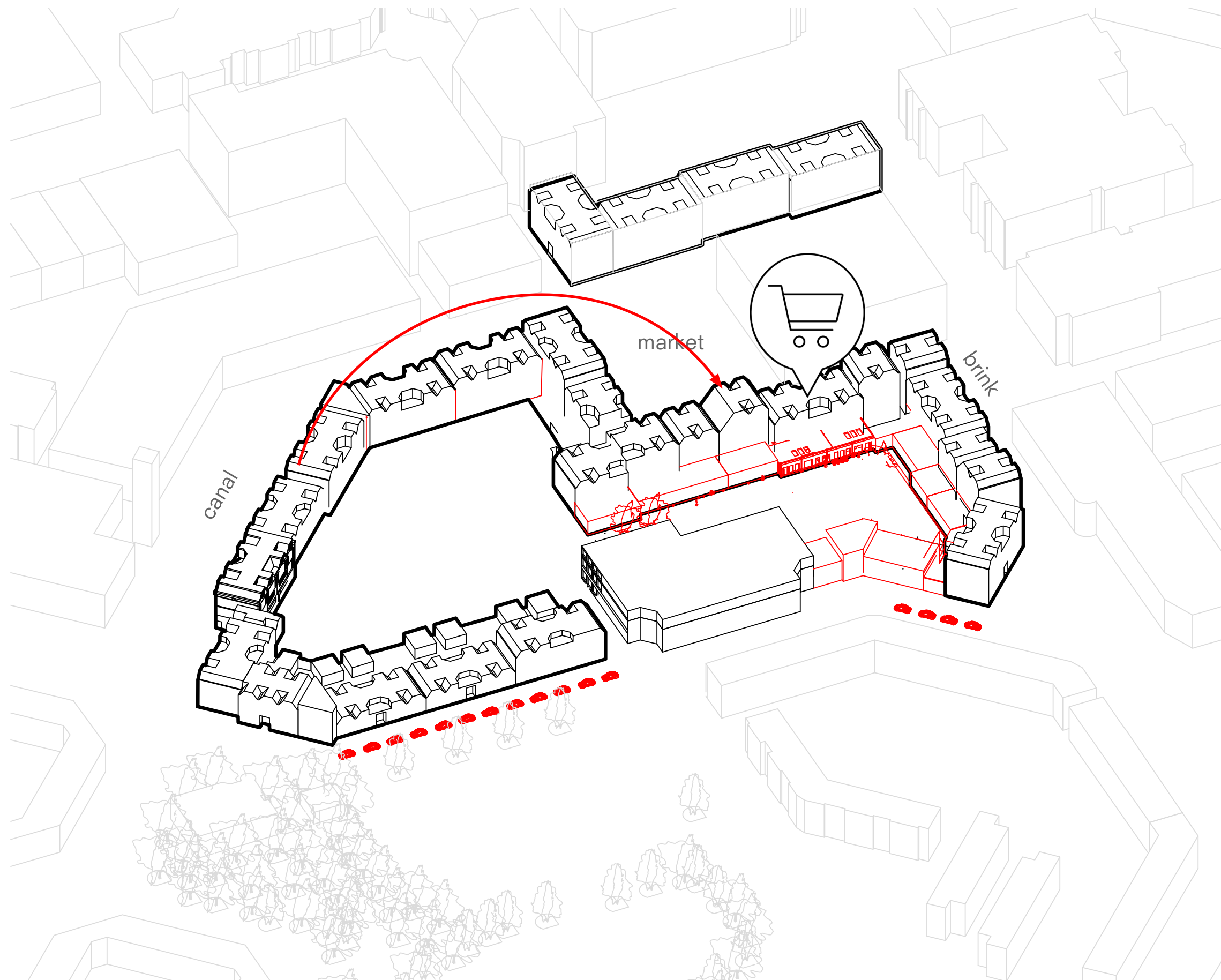
strategy urban design
rearrange the delivery system

bus stop, 20 min in
Amsterdam

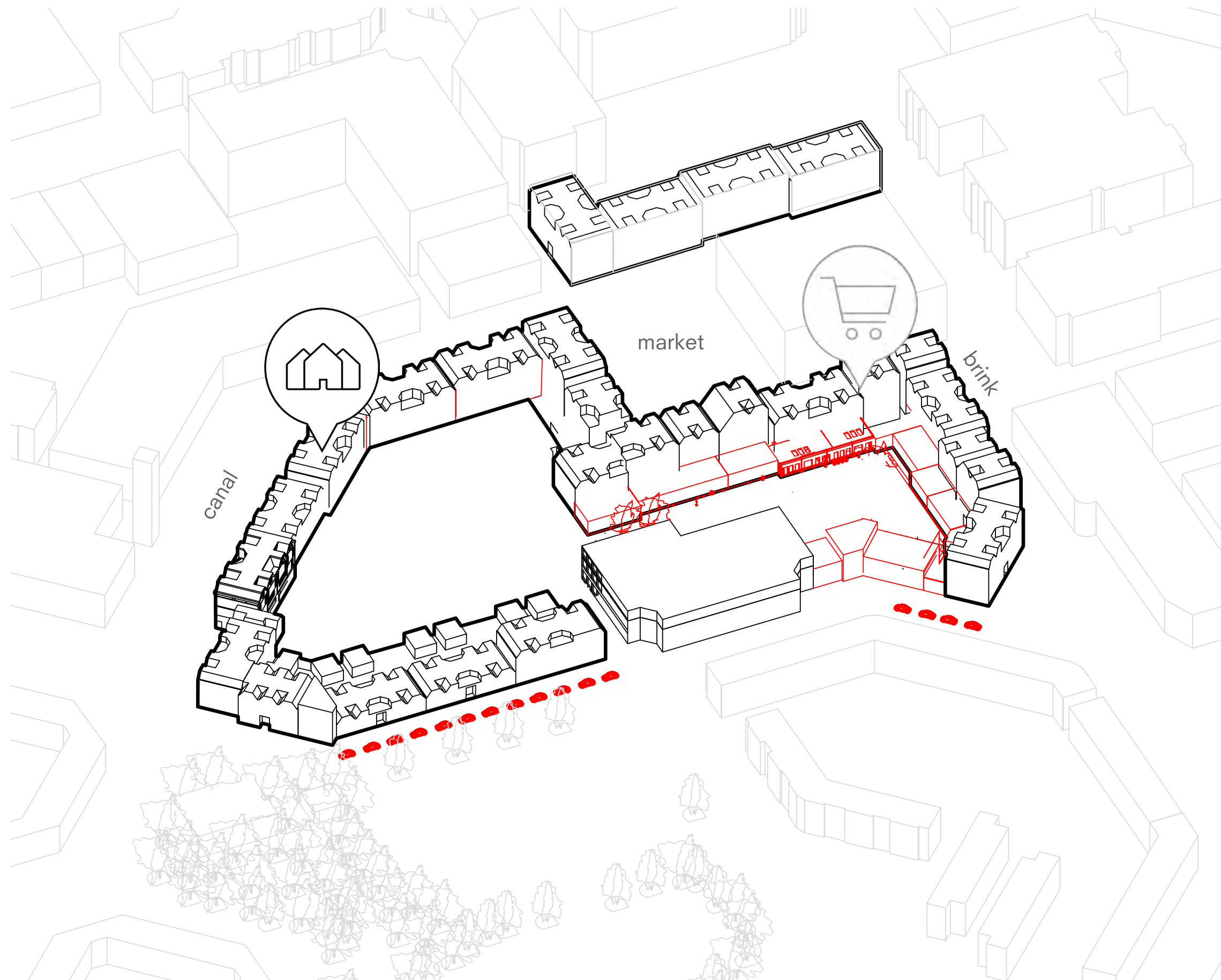
combination of
shared cars and
private cars



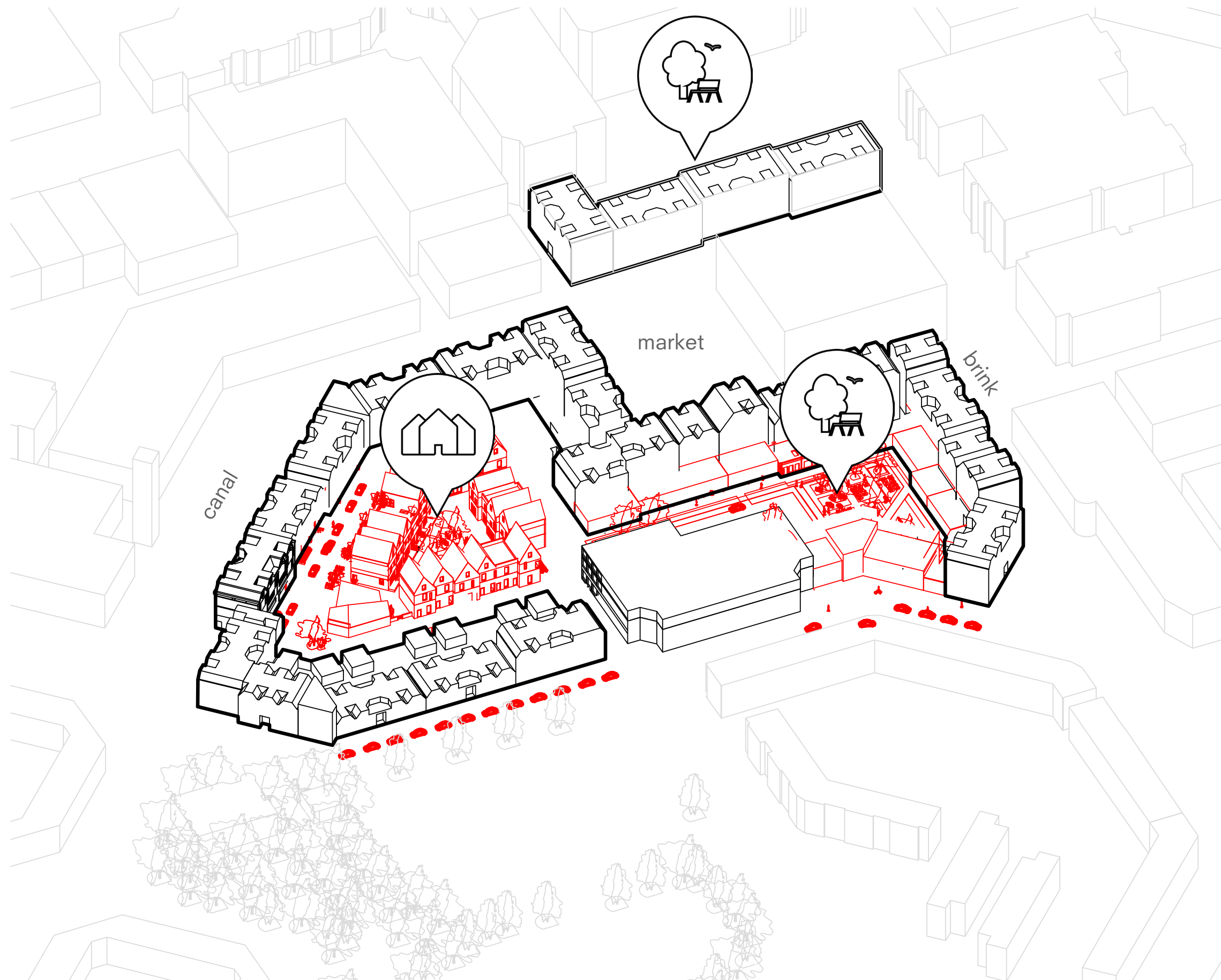
strategy urban design
remove majority of the cars



strategy urban design
rearrangement of program in the plinth

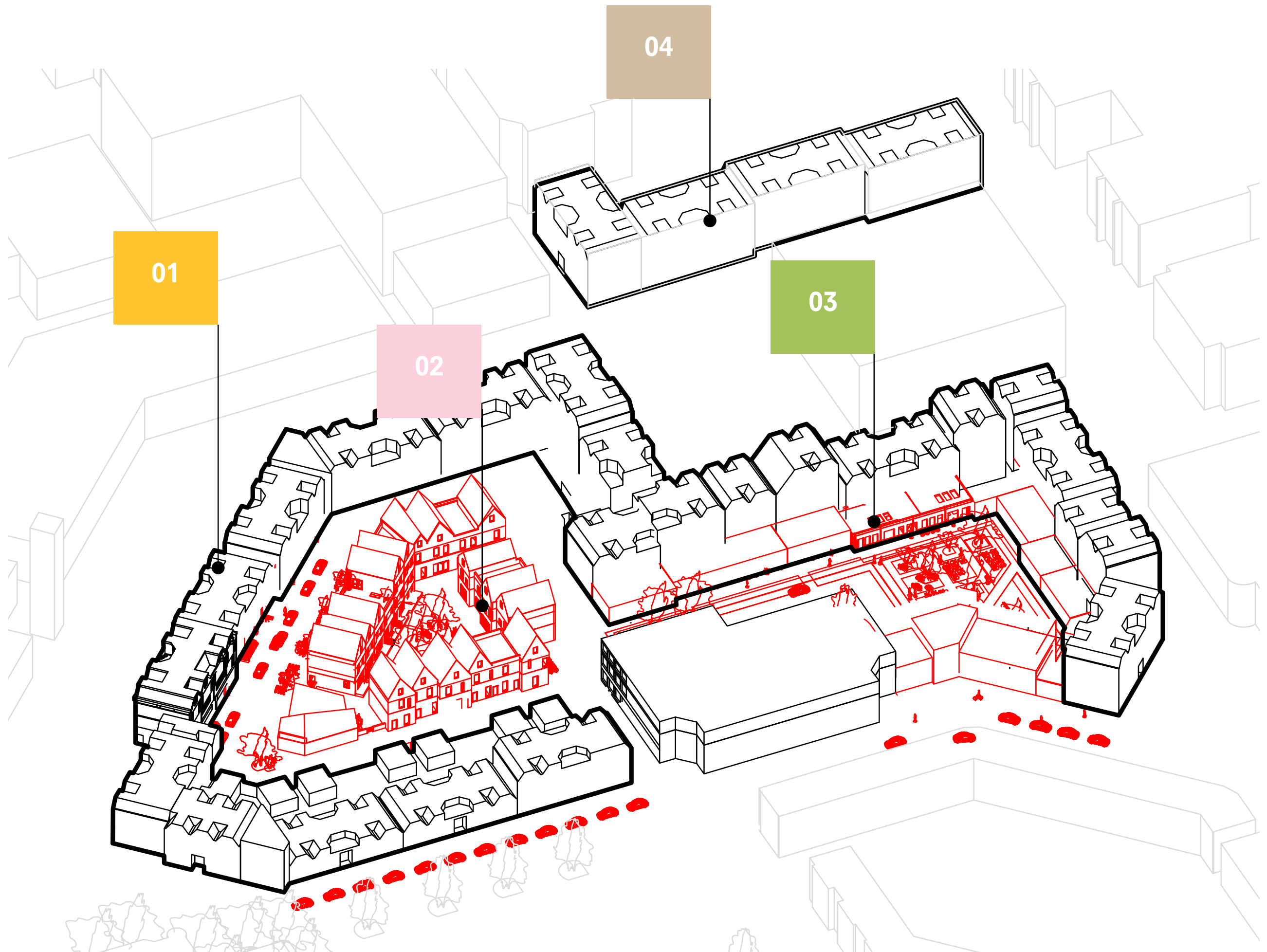


strategy urban design
rearrangement of program in the plinth



strategy urban design
rearrangement of program in the backside area





architectural strategy

complex

opening the plinth

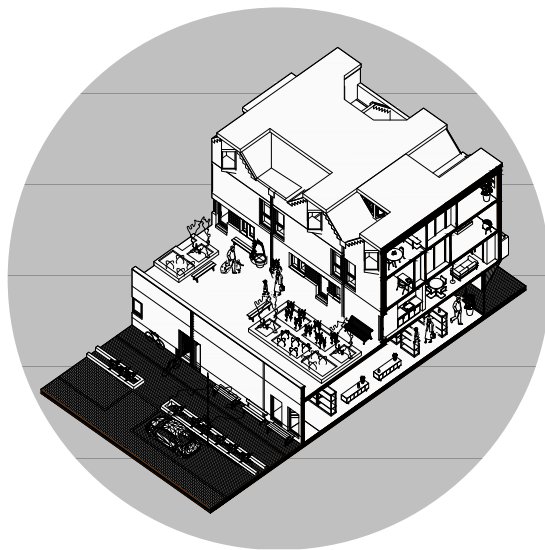
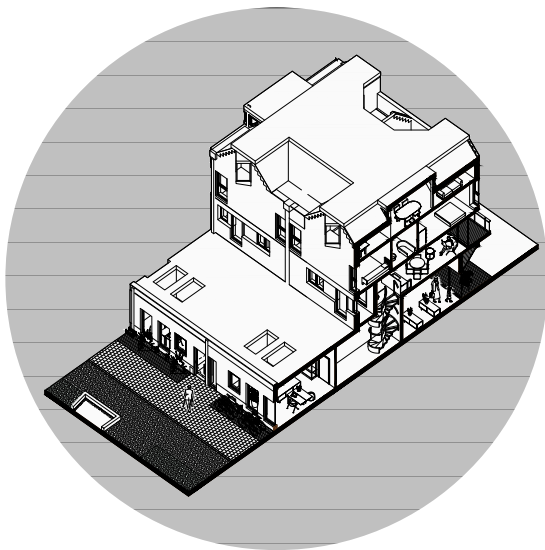
plot

transformation

**program in front of
existing**

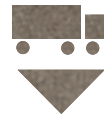
**rearrange
existing**

new



architectural strategy strategies

backside



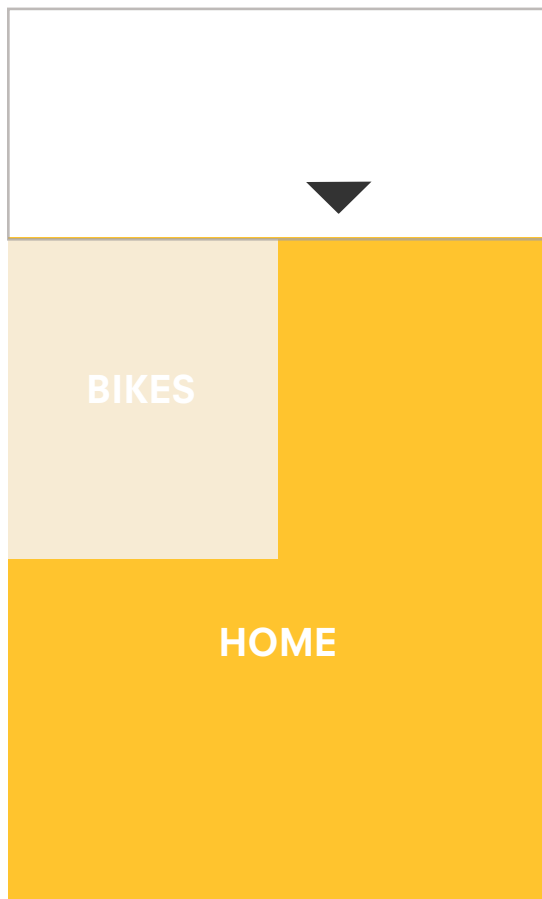
BIKES

STORAGE

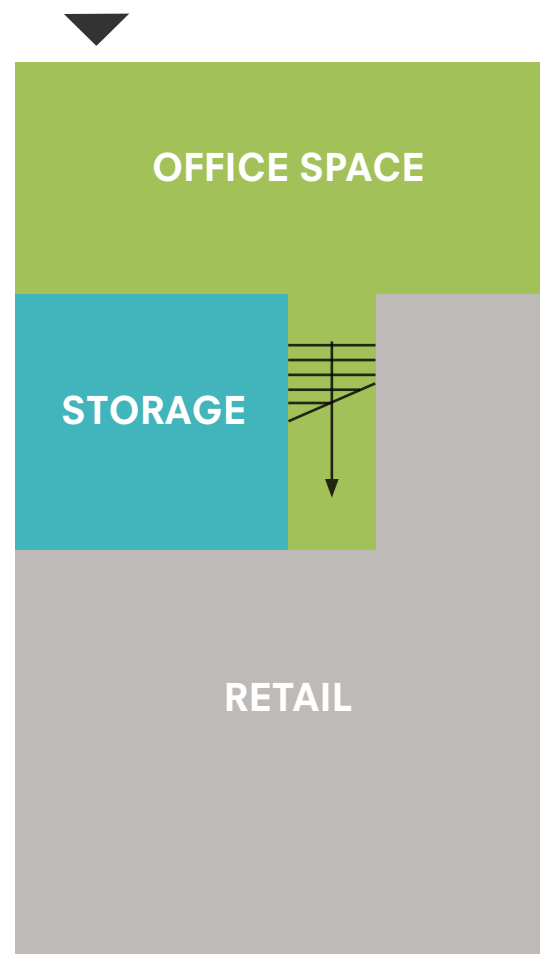
RETAIL

frontside

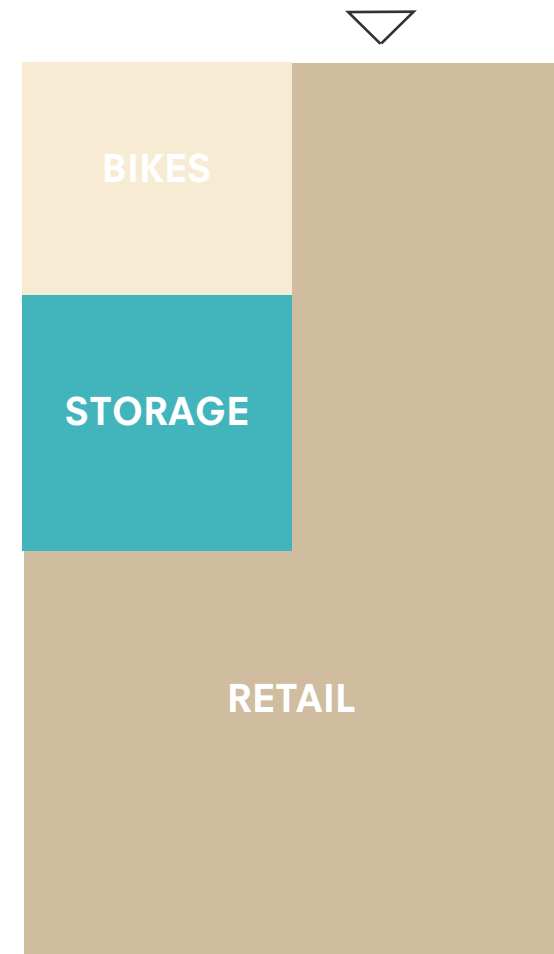
architectural strategy context current situation



01 transformation of retail
in to homes

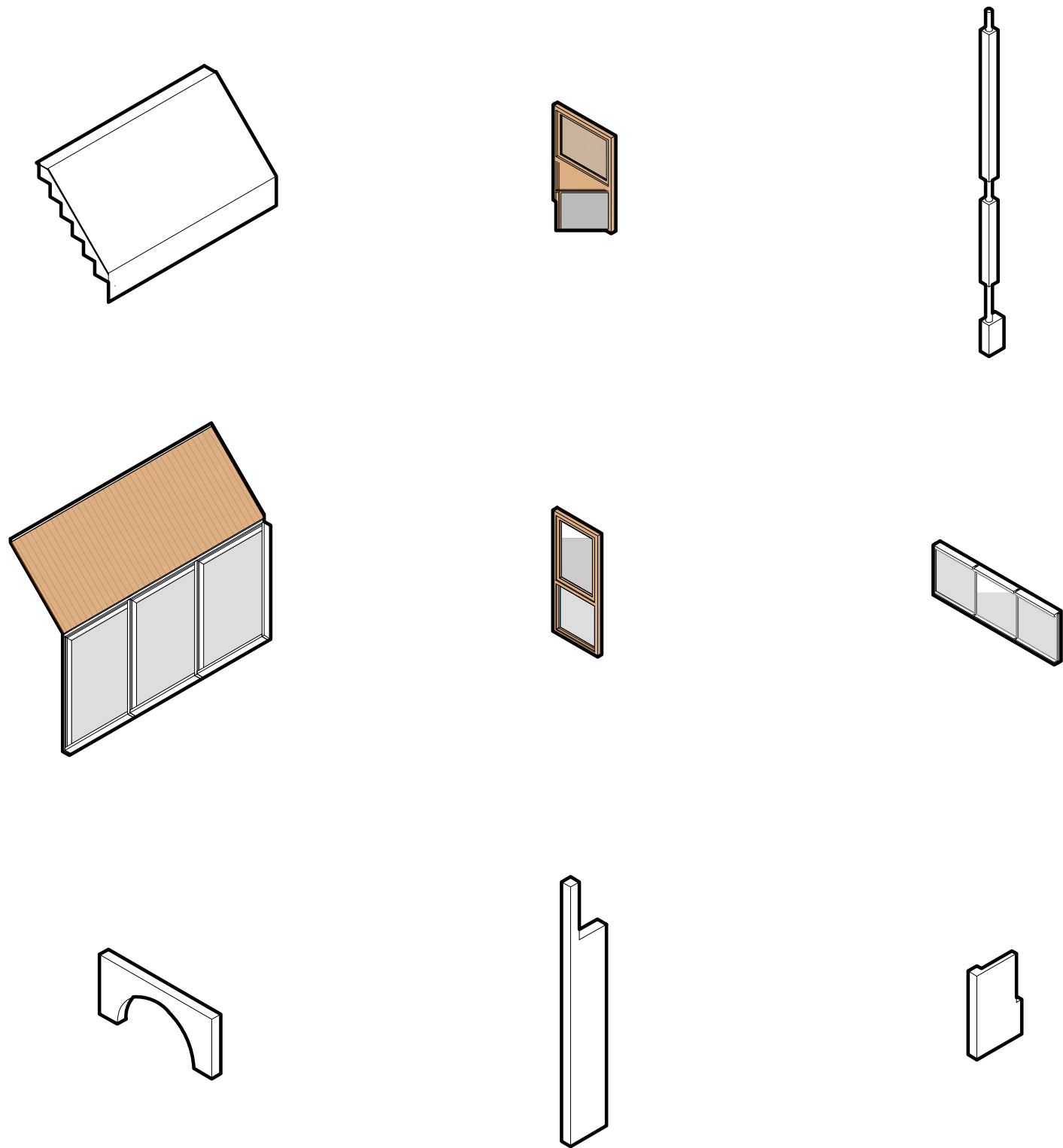


02 program in front of the
existing program



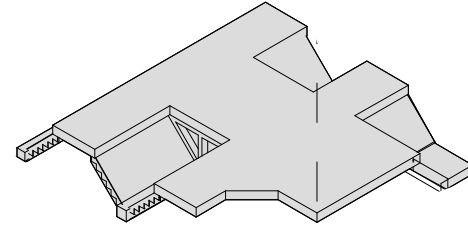
03 rearrange existing program

architectural strategy context rearrangement program

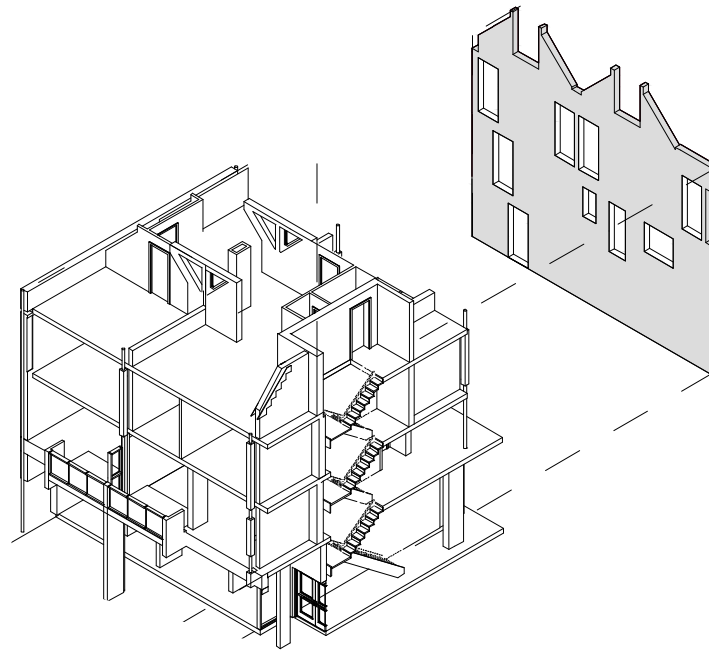


building technology strategy era | elements | repair | reinterpret

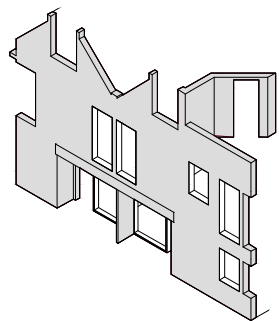
RC 3 W/M²K



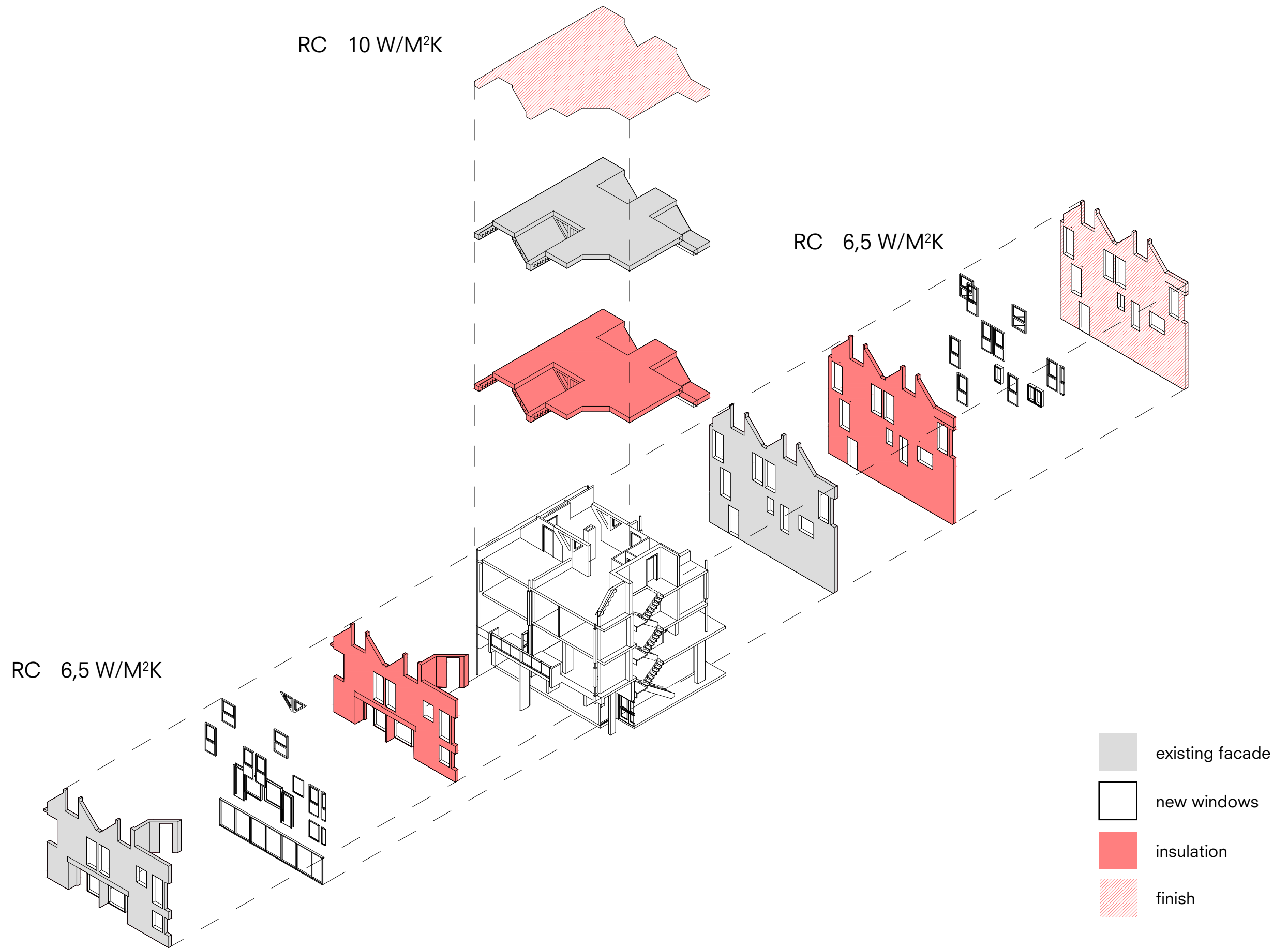
RC 1,11 W/M²K



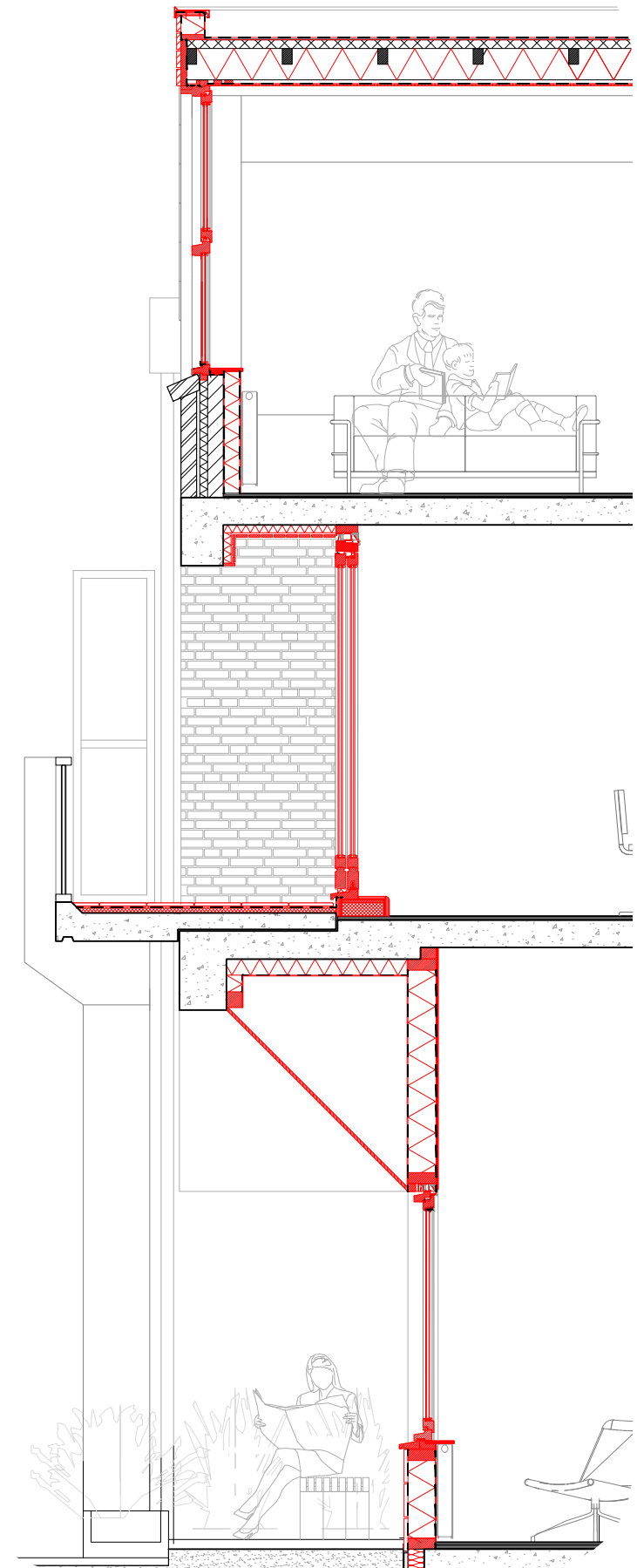
RC 1,11 W/M²K



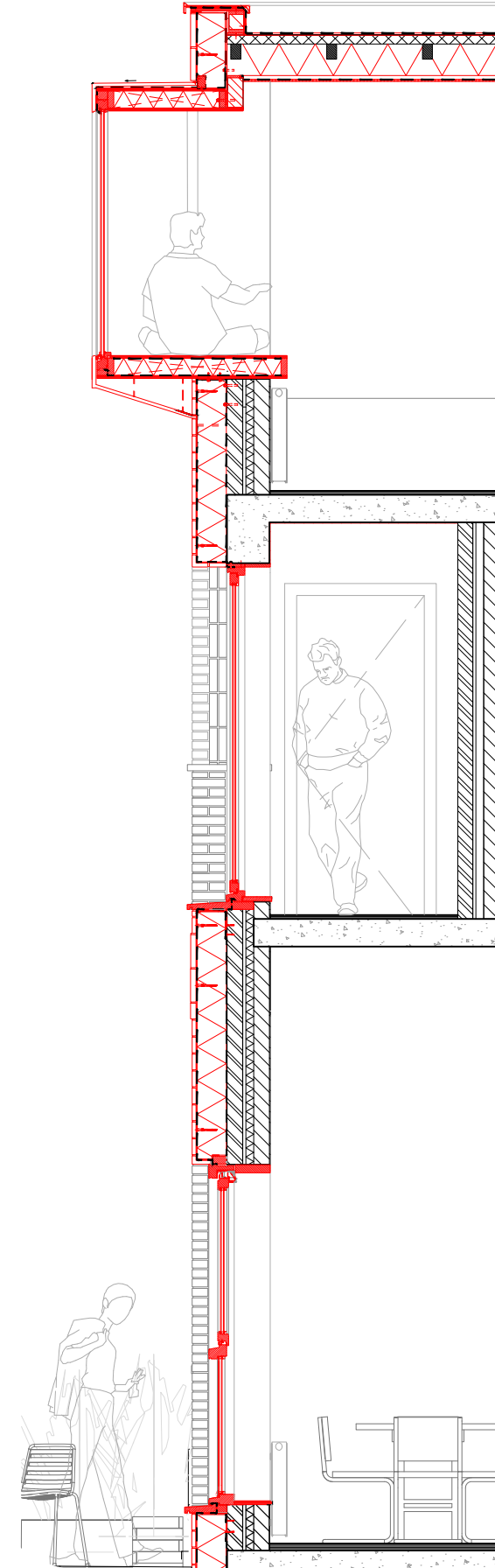
building technology strategy era current



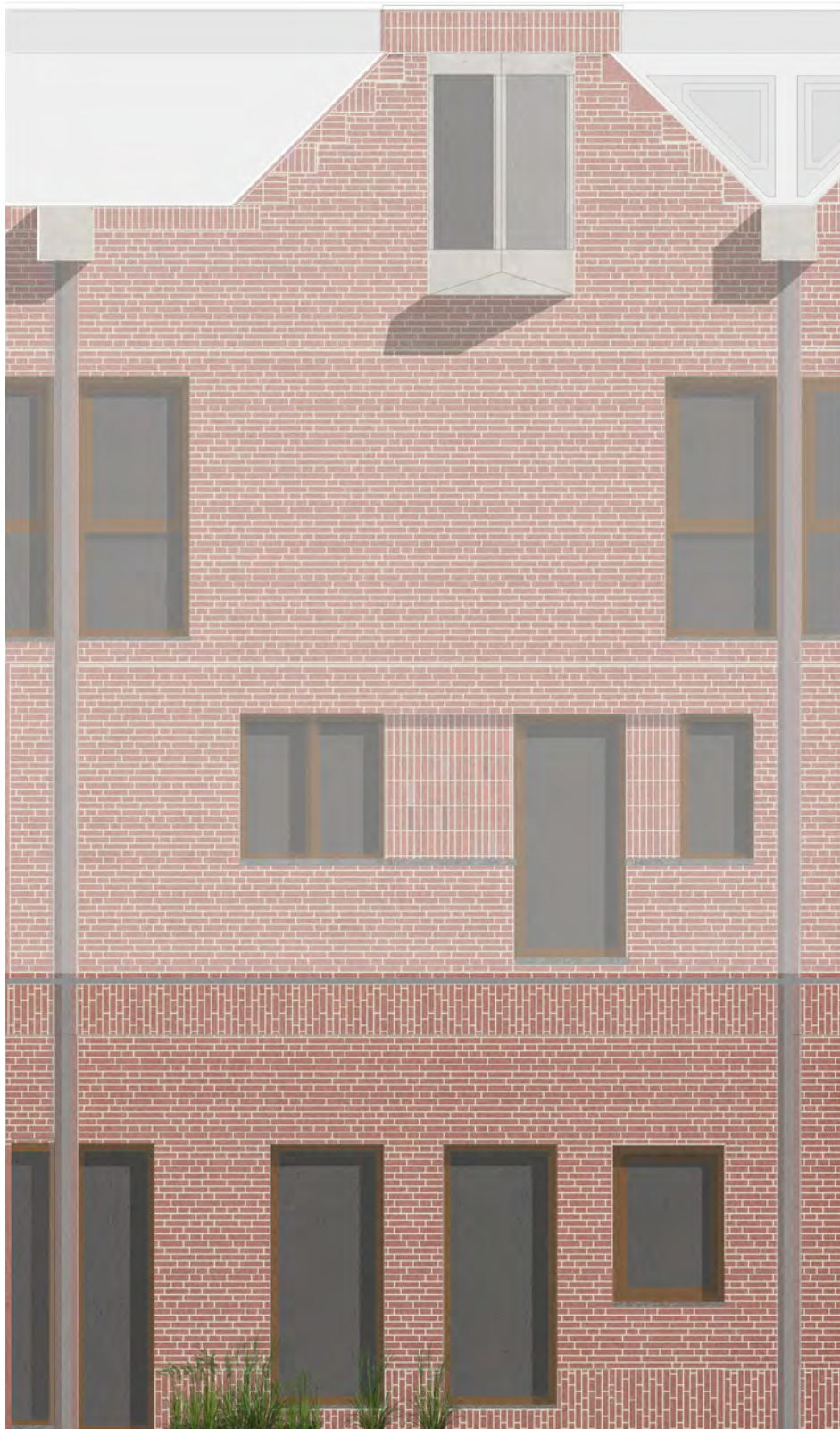
building technology strategy era insulation thermal bridges



building technology strategy era elements | repair



building technology strategy era elements | reinterpret

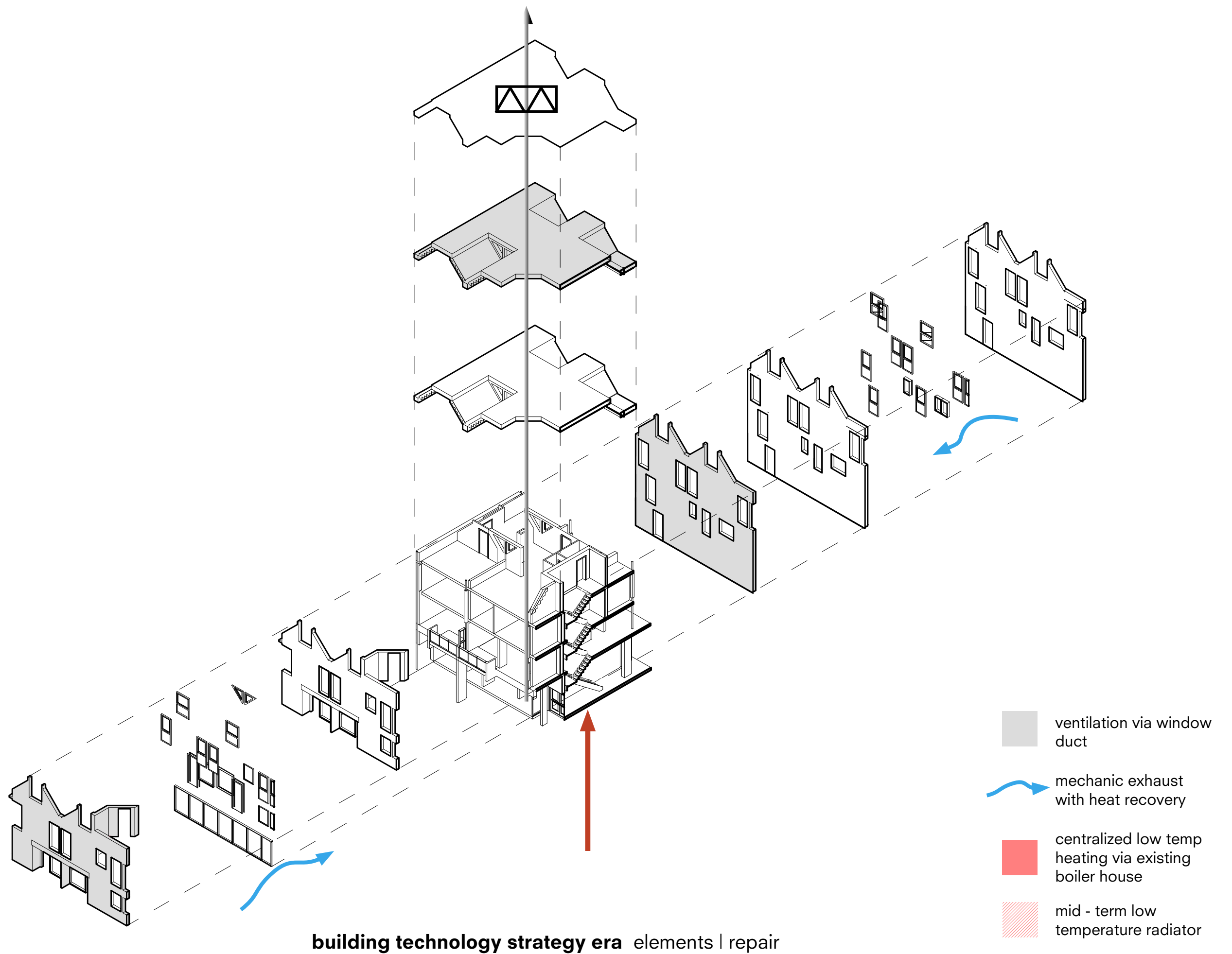


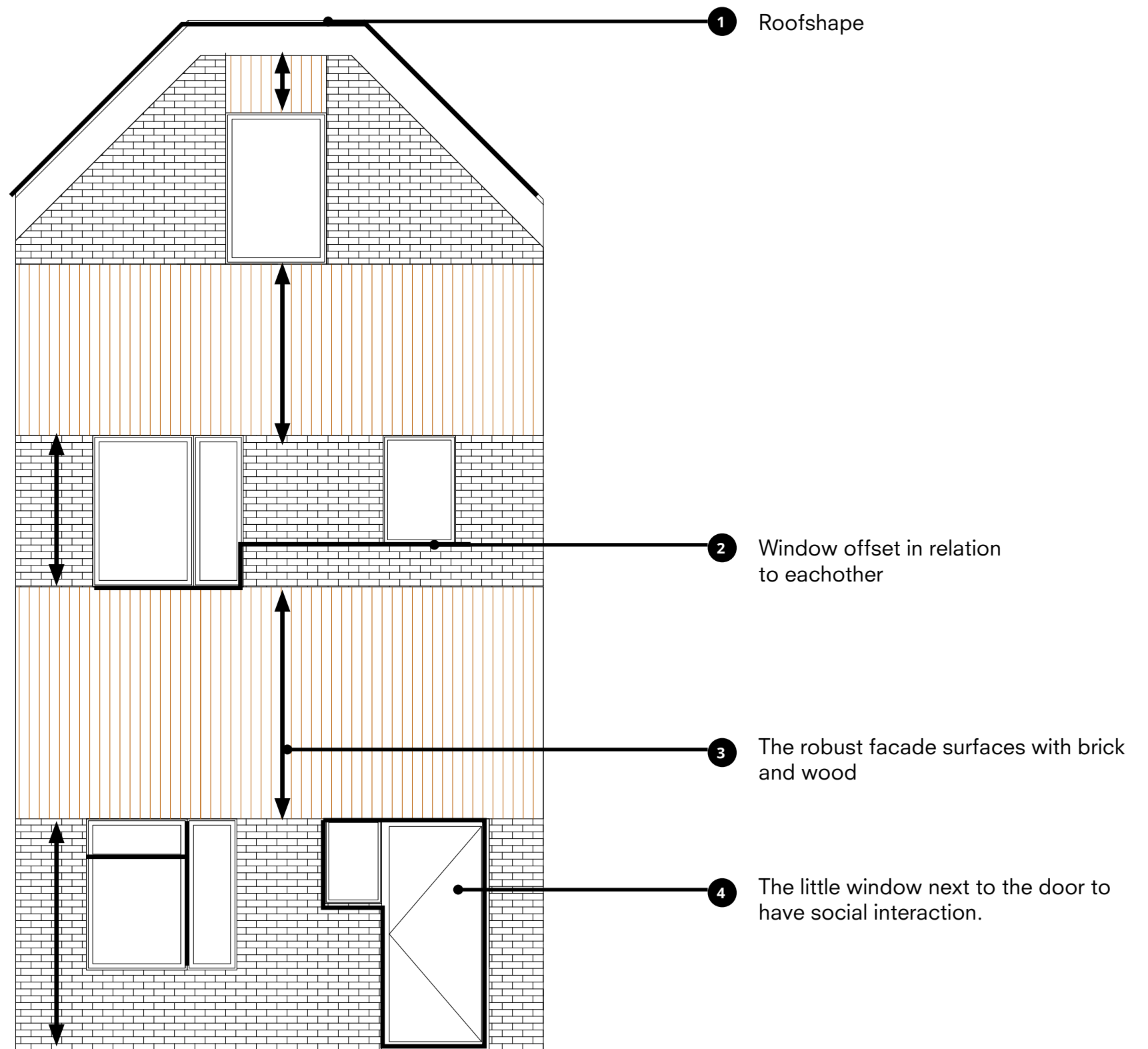
office



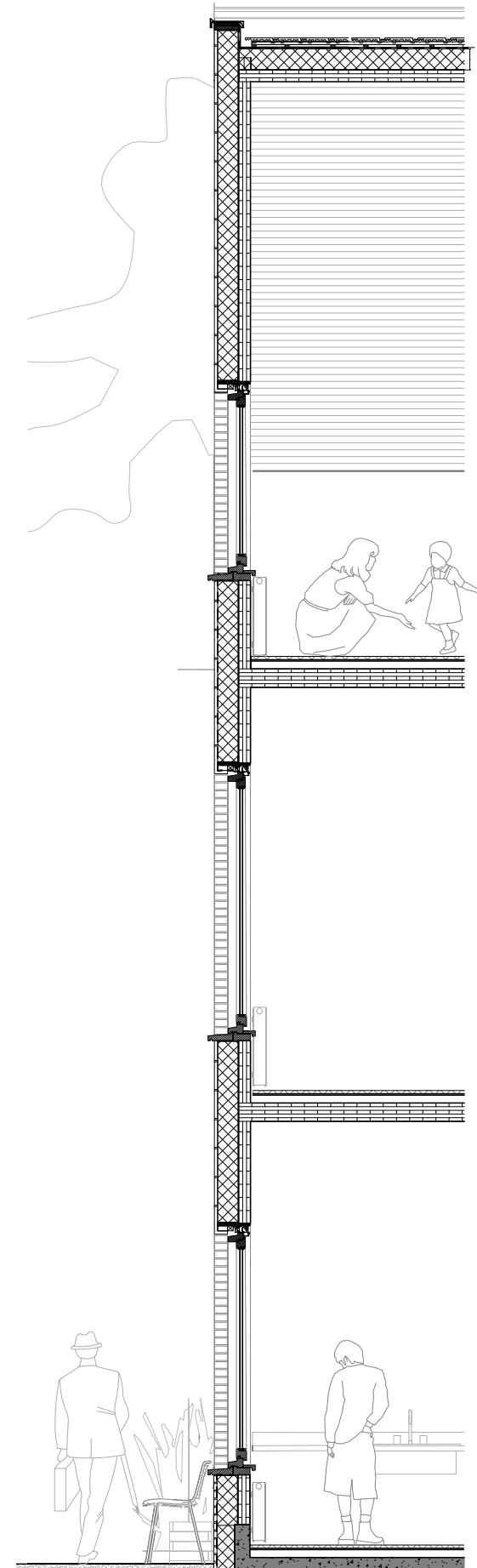
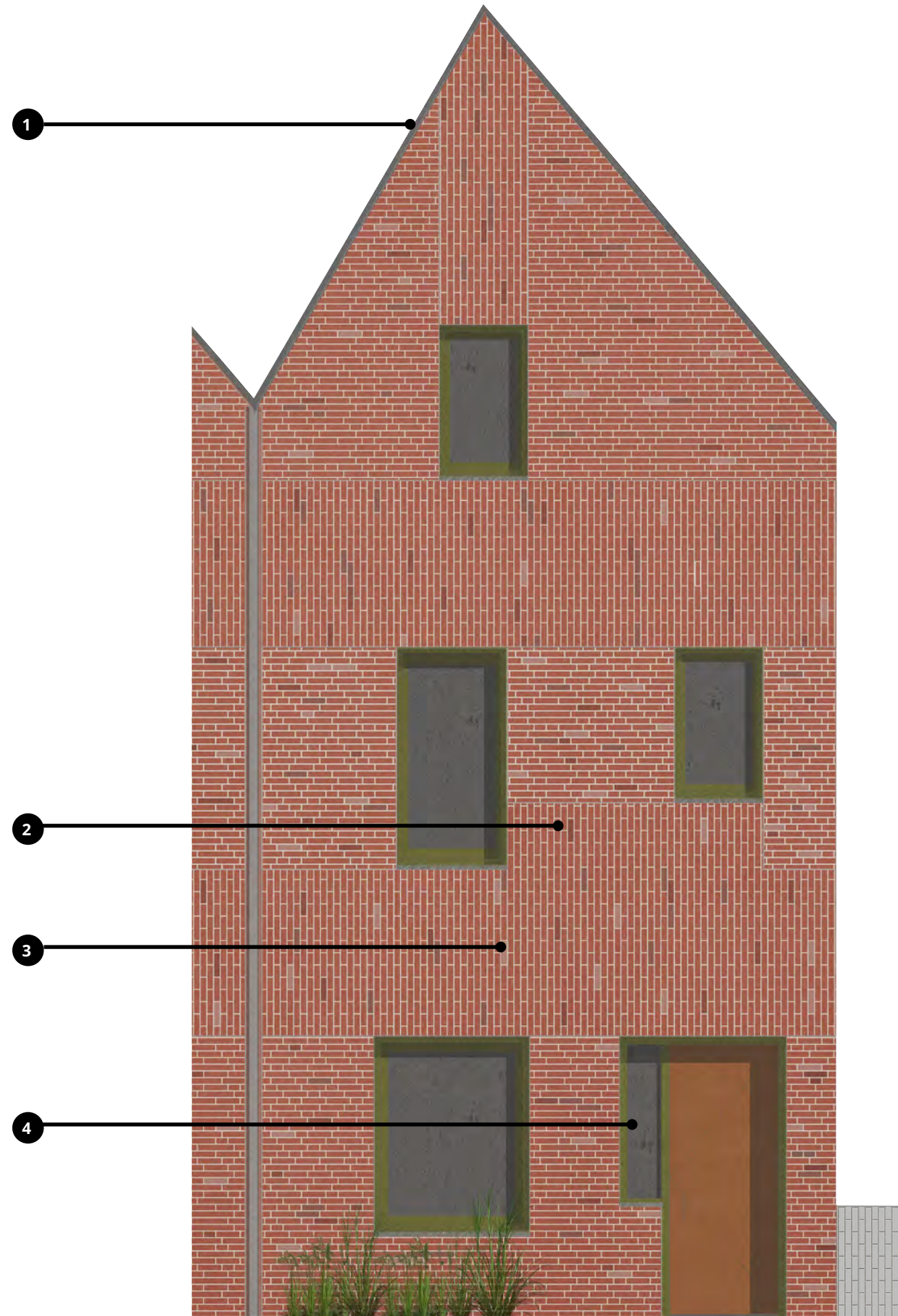
retail

architectural strategy era opening up the backside plinth

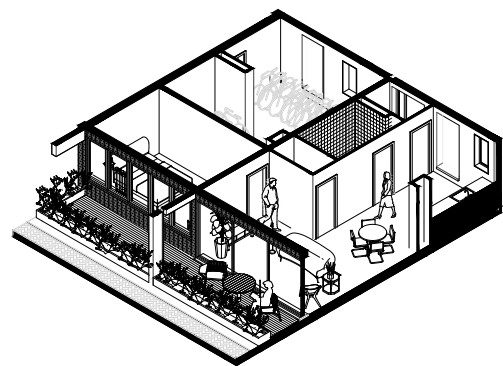




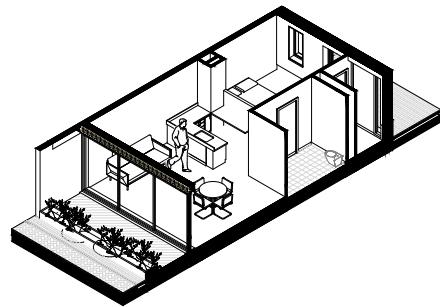
architectural strategy era summary 70's



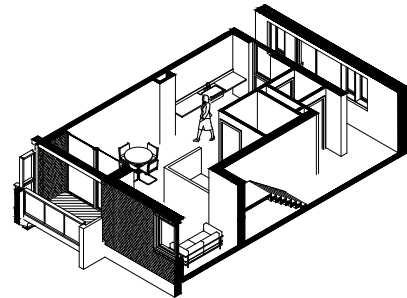
architectural strategy era translation 70's to 20's



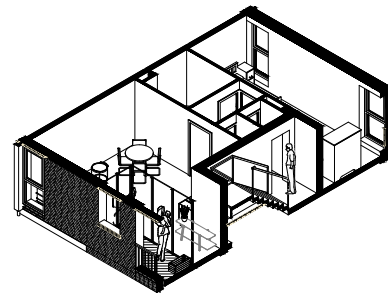
elderly app



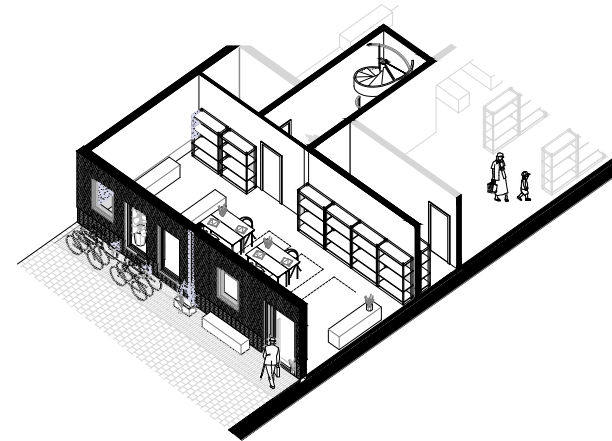
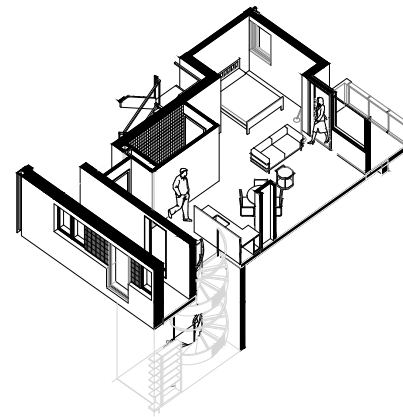
studio



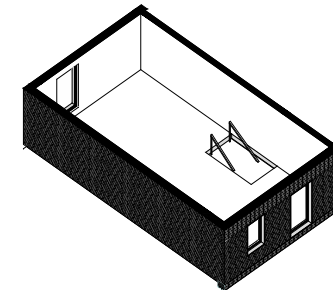
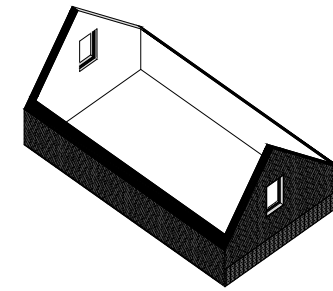
studio



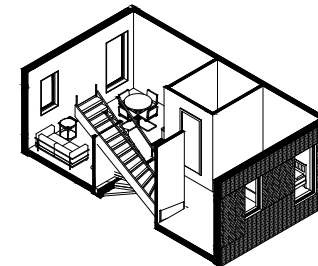
two room app



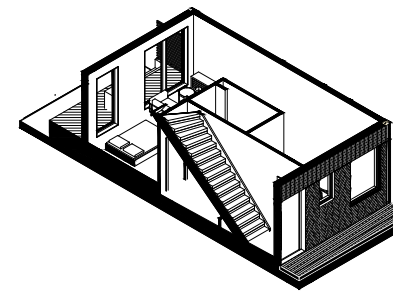
work - homestudio



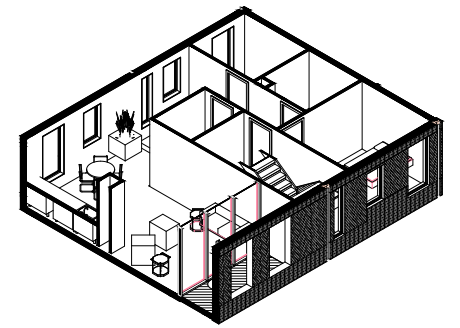
two room app



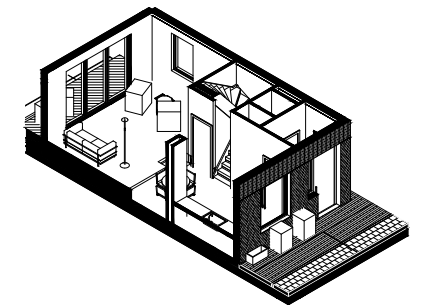
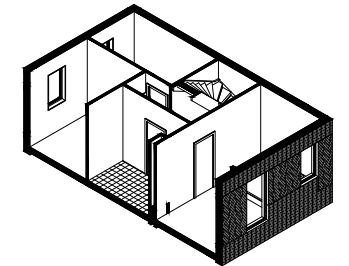
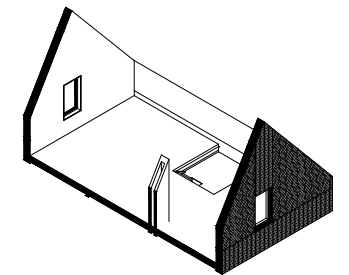
studio



studio



elderly app



family home

transformation

splitting

new

densification strategy



03

design

strategy 01 - transformation

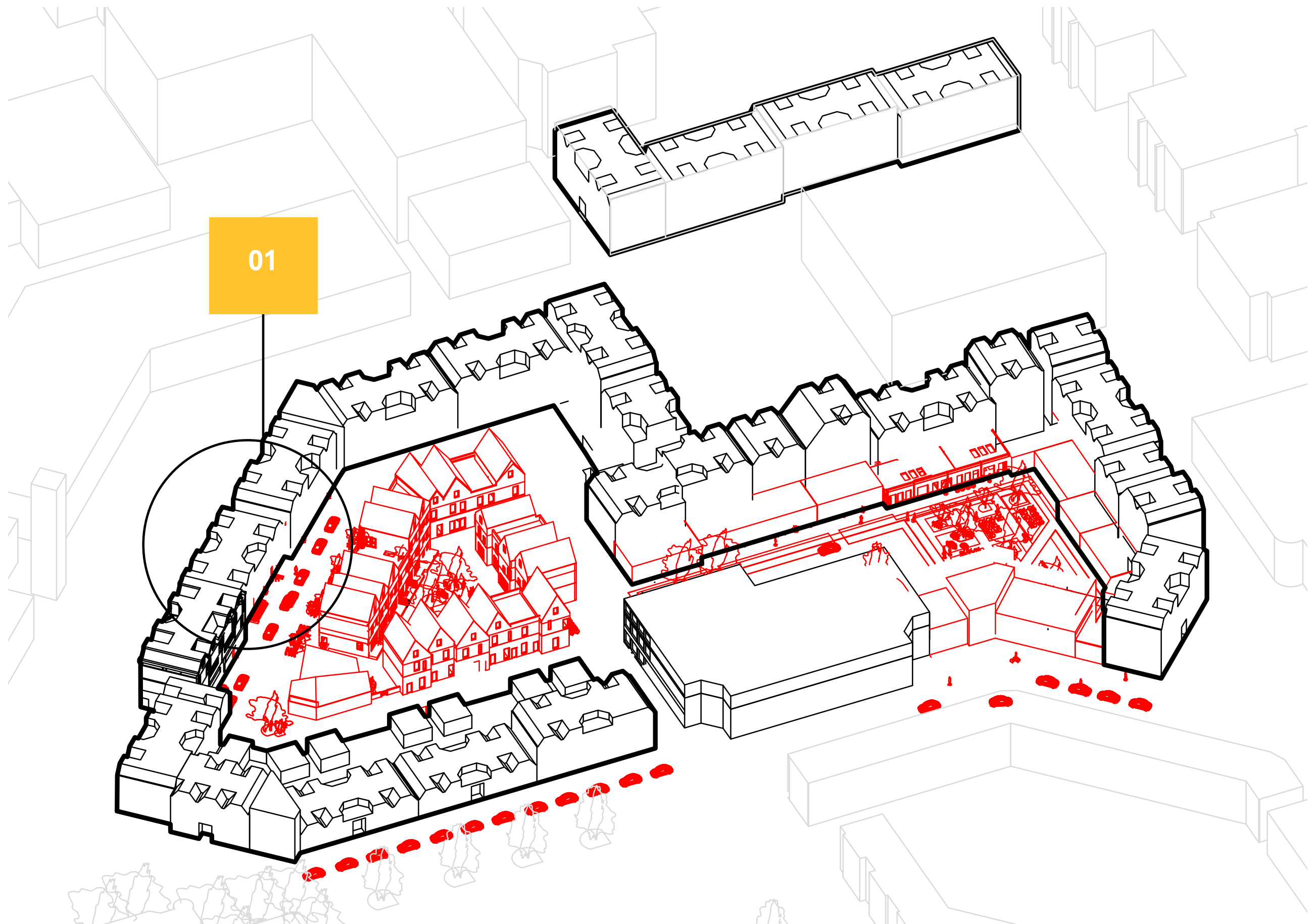
strategy 02 - new

strategy 03 - program in front of existing

strategy 04 - rearrange the existing



design 01 transformation



design 01 transformation



design 01 transformation context



design 01 transformation frontside

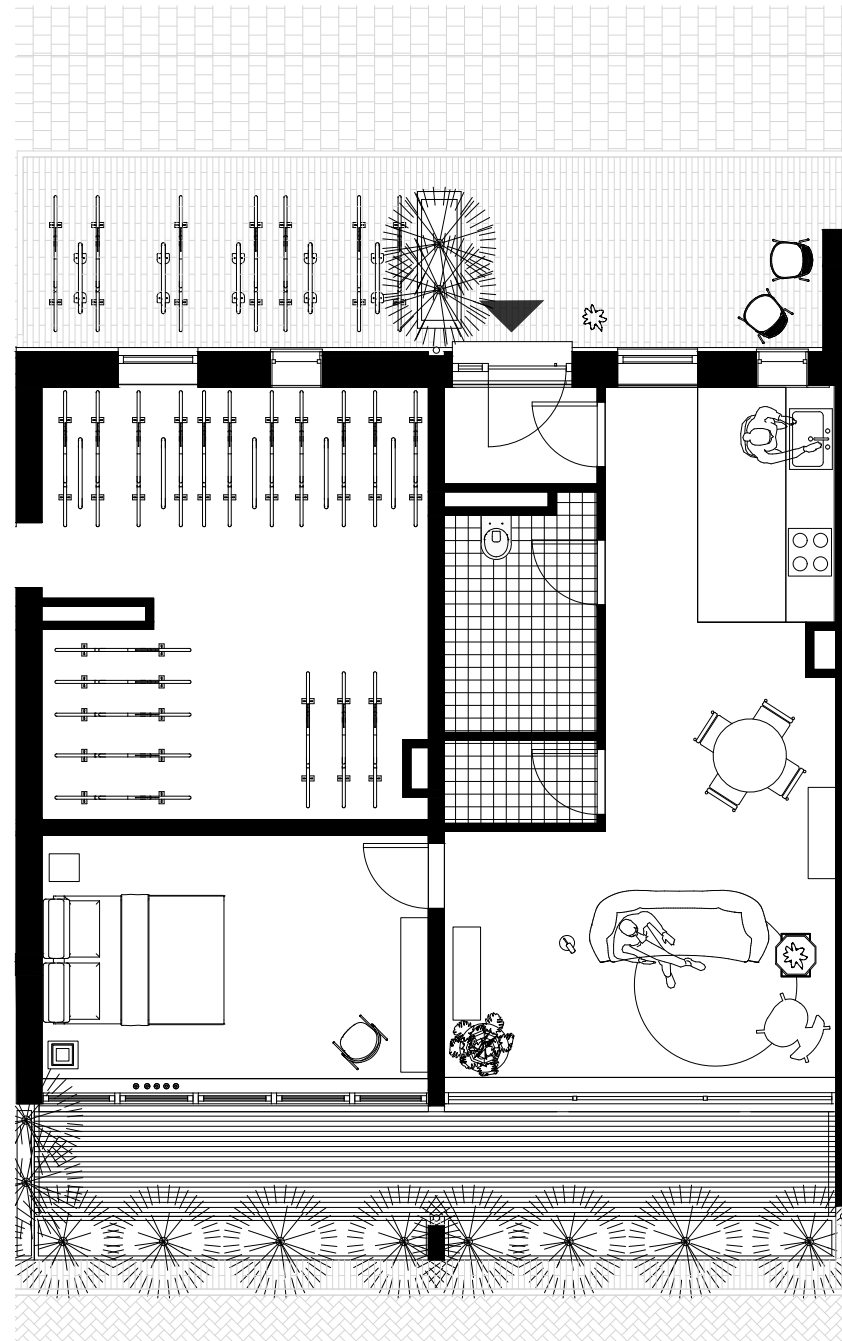


design 01 transformation living room



design 01 transformation bedroom

backside



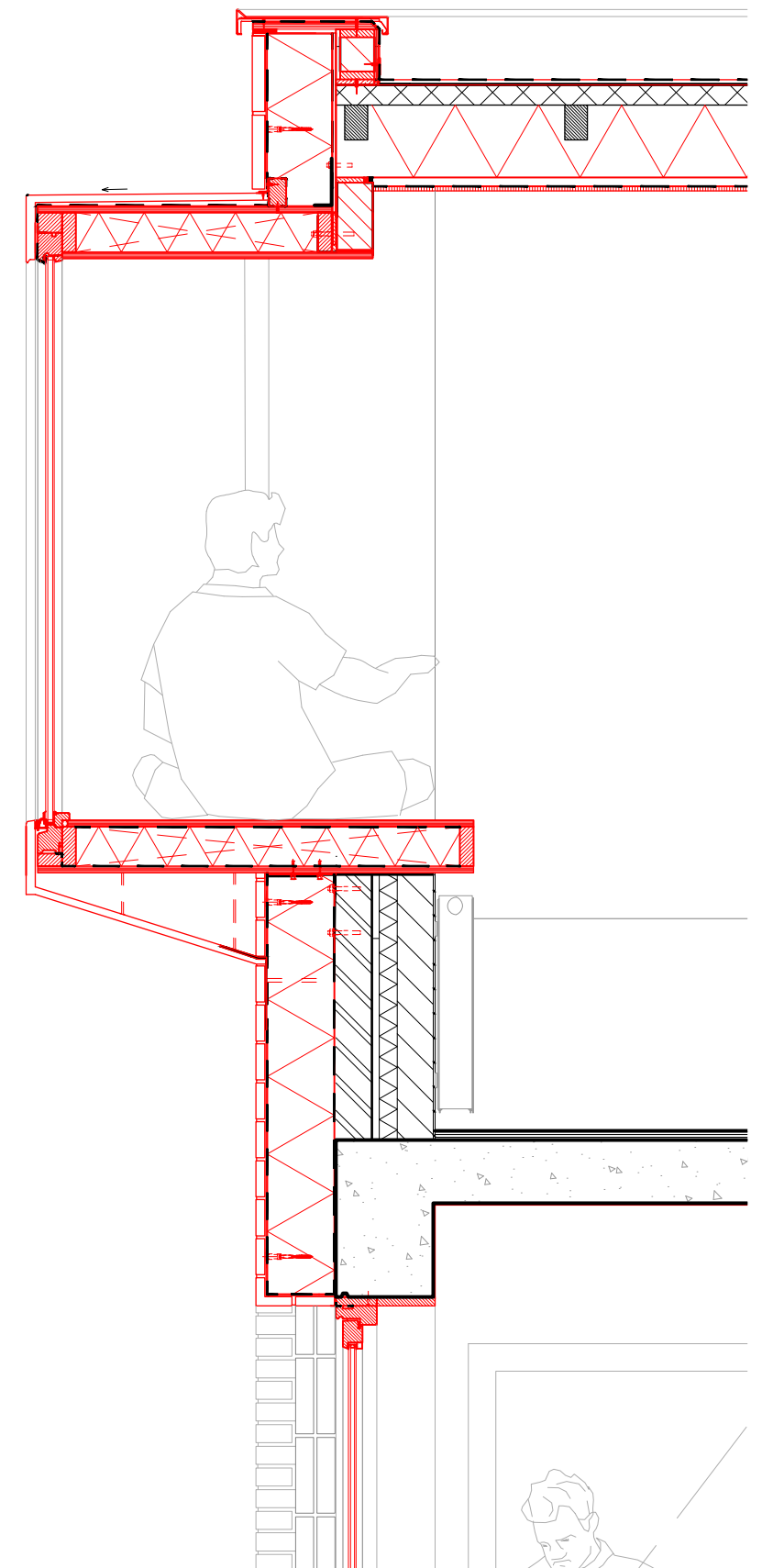
▼ entrance

canal

design 01 transformation elderly apartment



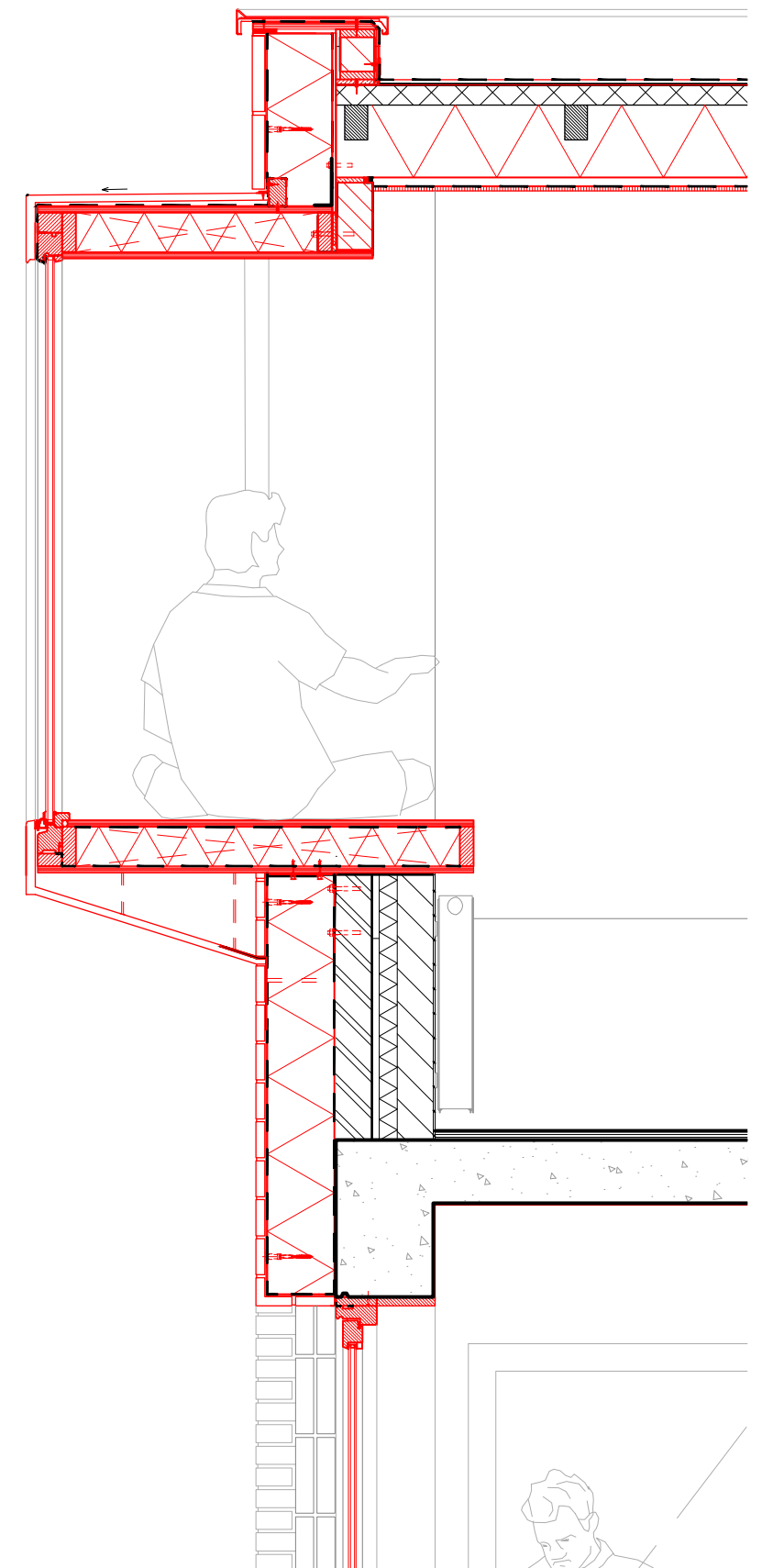
design 01 transformation backside



design 01 transformation element triangle window

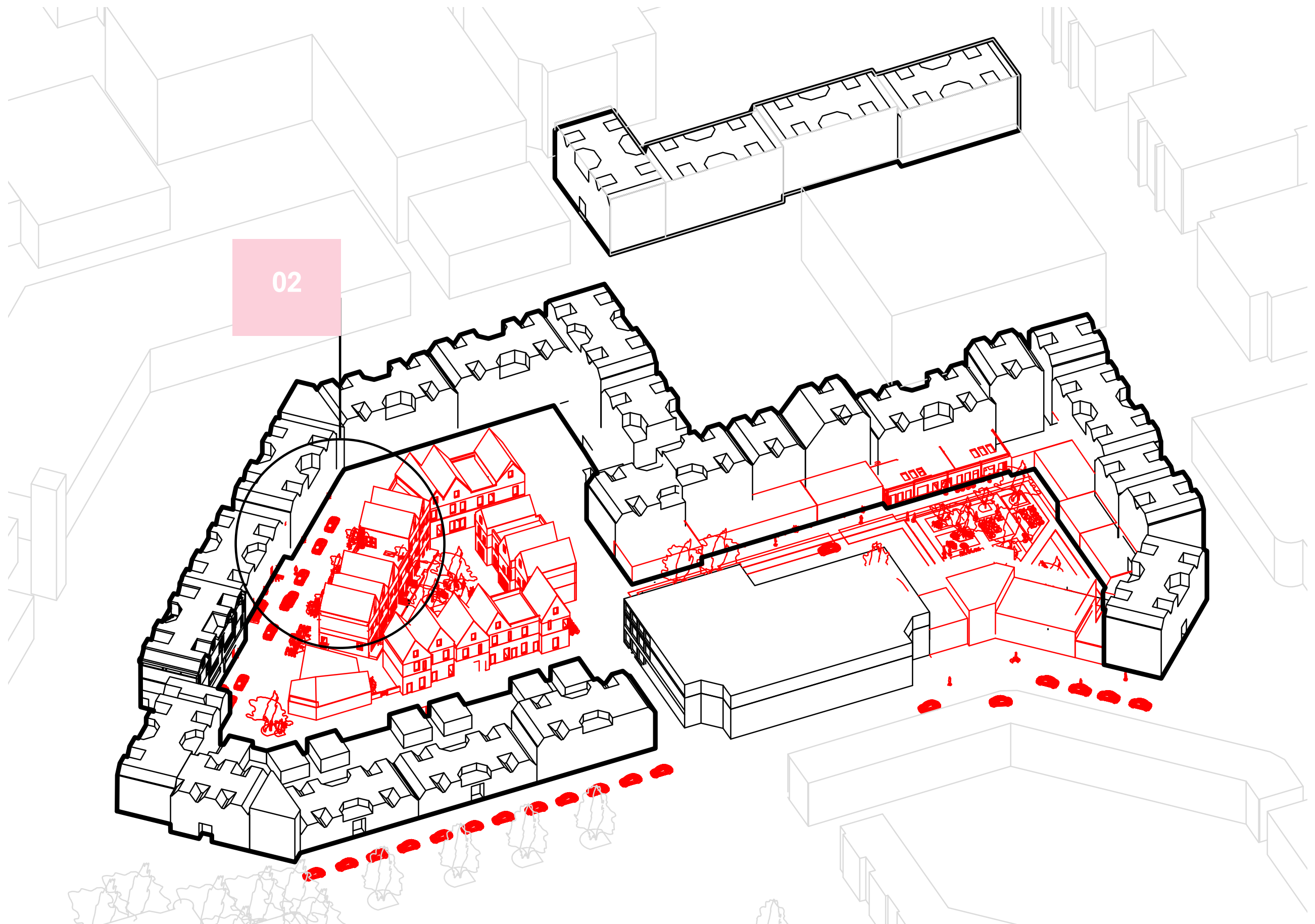


design 01 transformation element triangle window





design 02 new



02

design 02 new



design 02 new context



design 02 new frontside



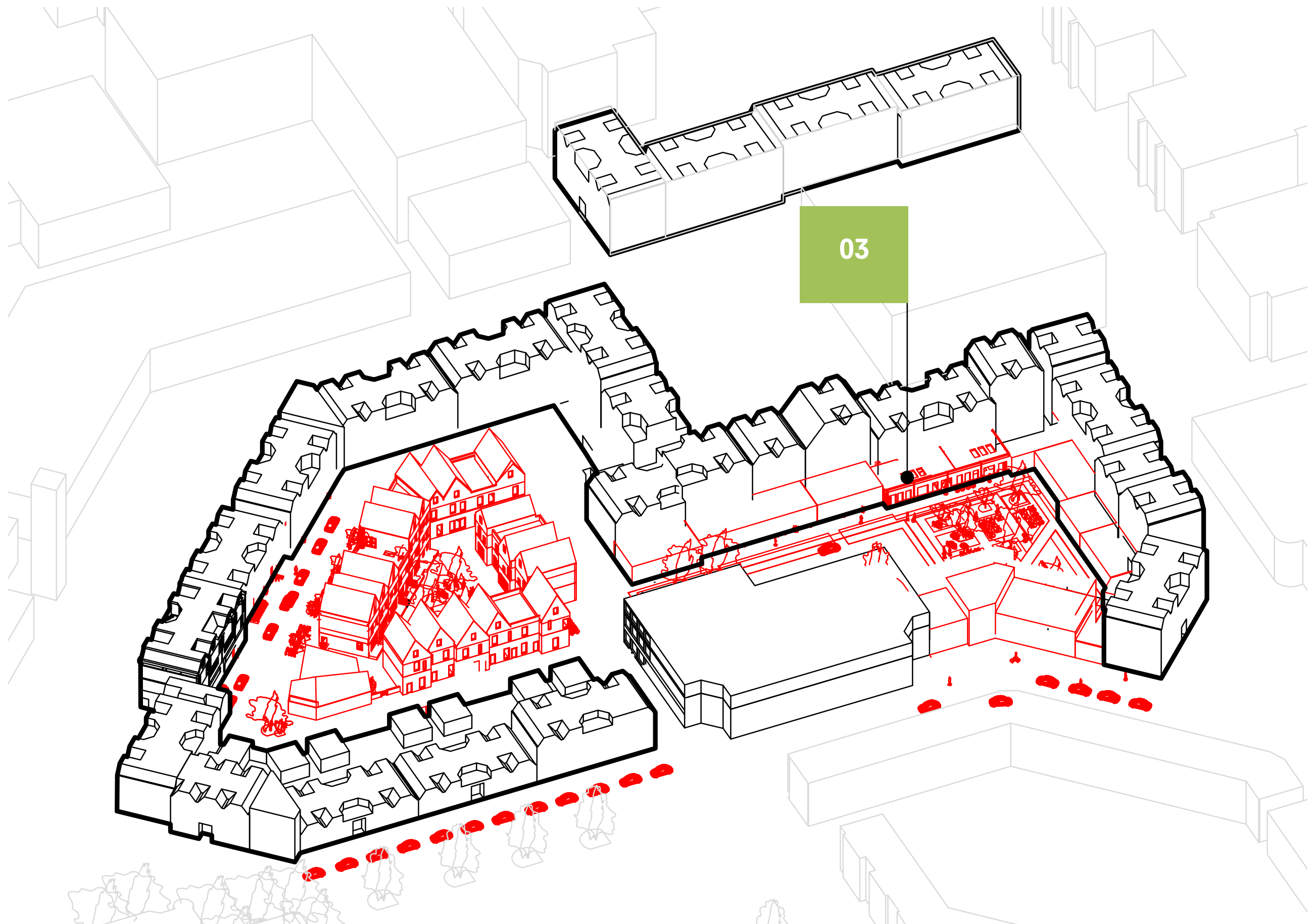
design 02 new interior



design 02 new backside



design 03 program in front of existing



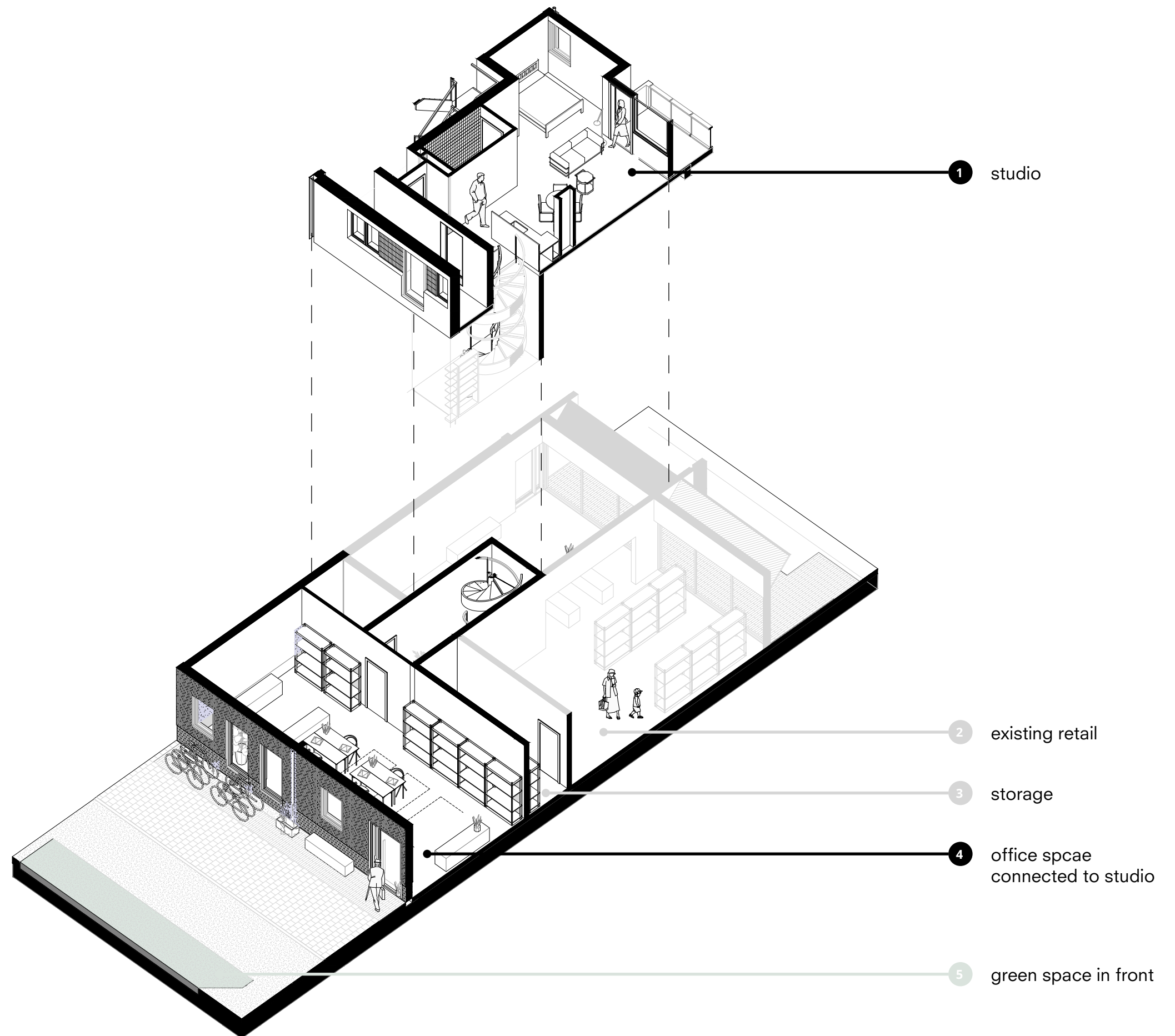
design 02 program in front of existing



design 03 program in front of existing context



design 03 program in front of existing backside

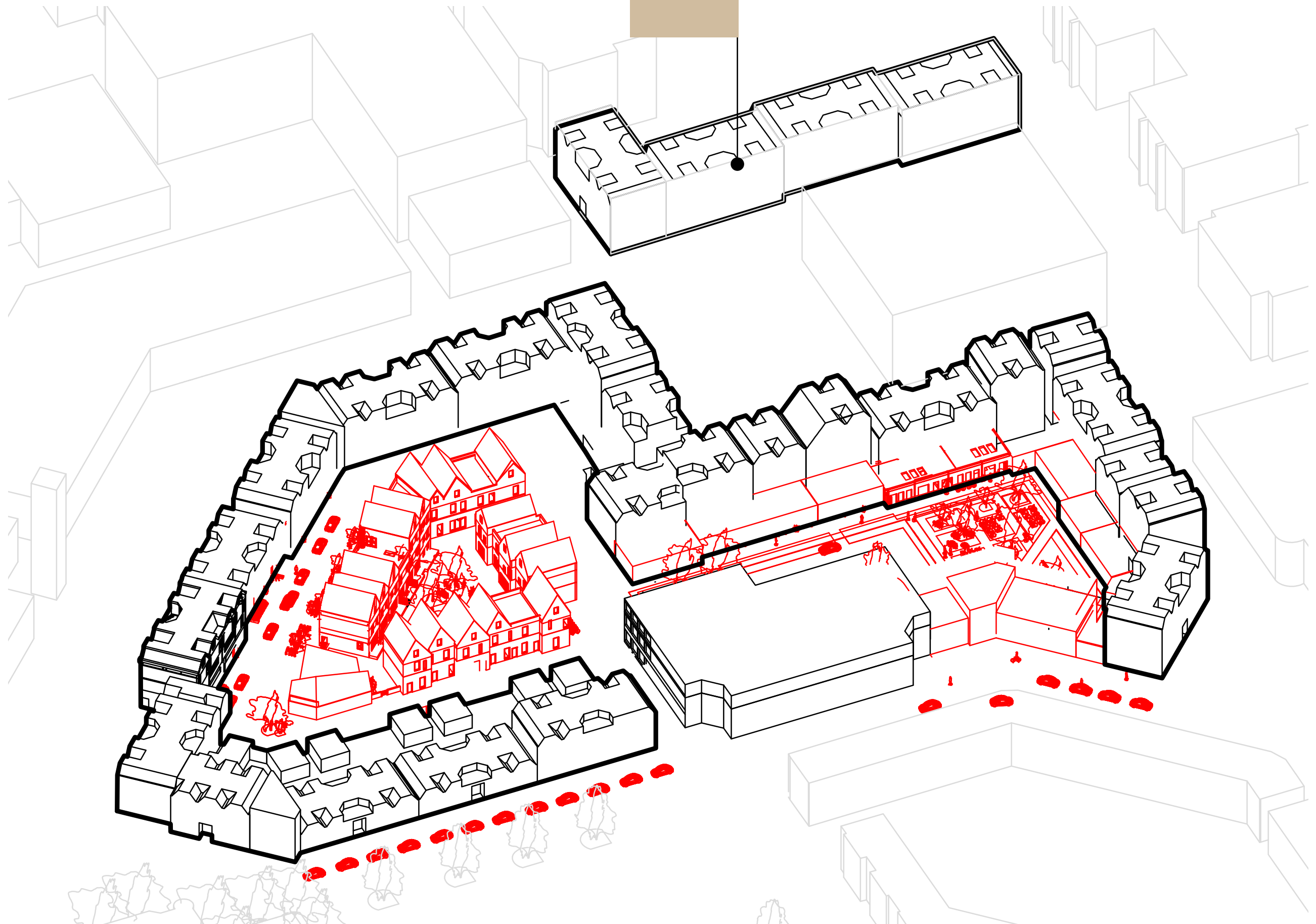


design 03 program in front of existing work-home

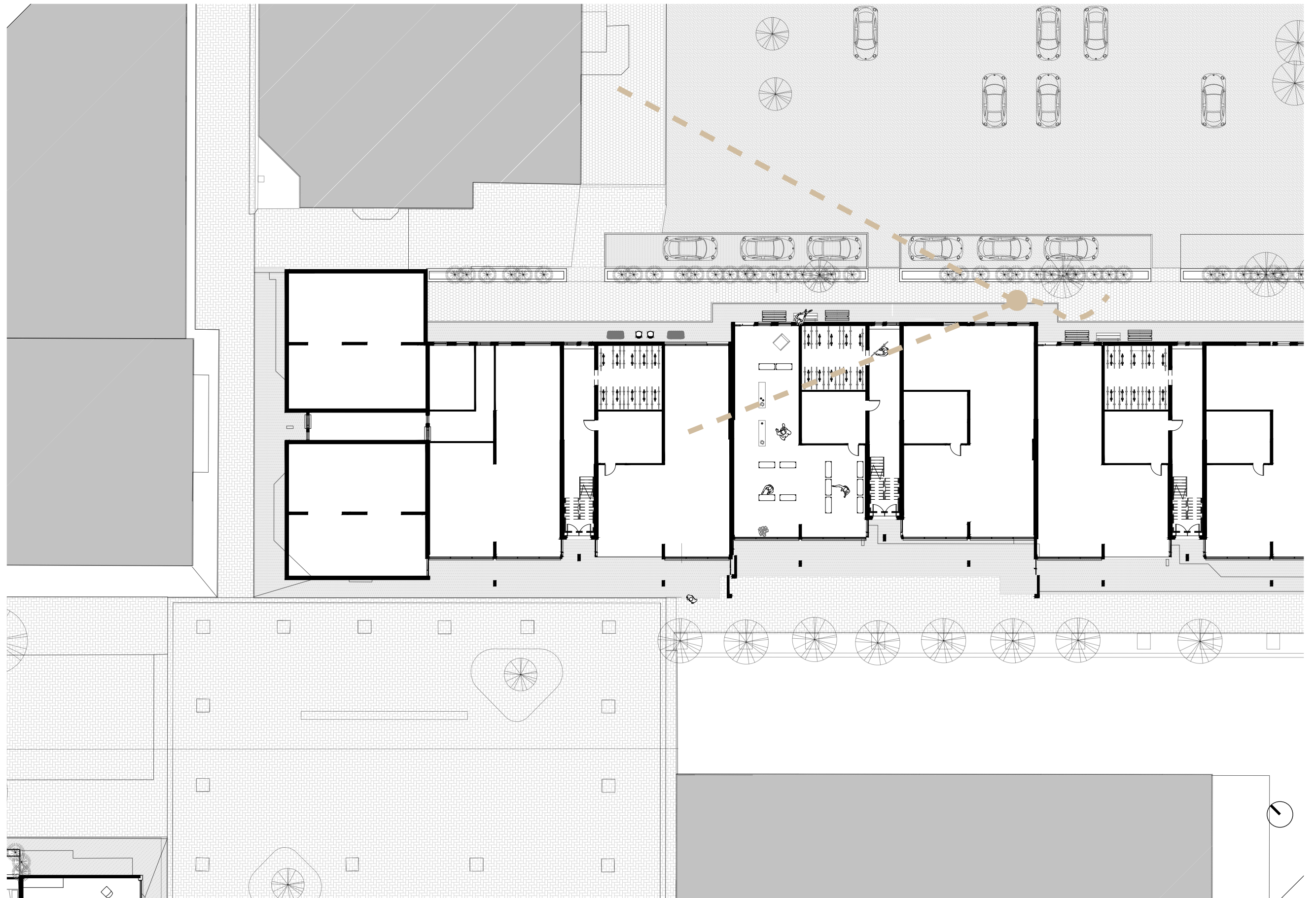


design 04 rearrange of the existing program

04



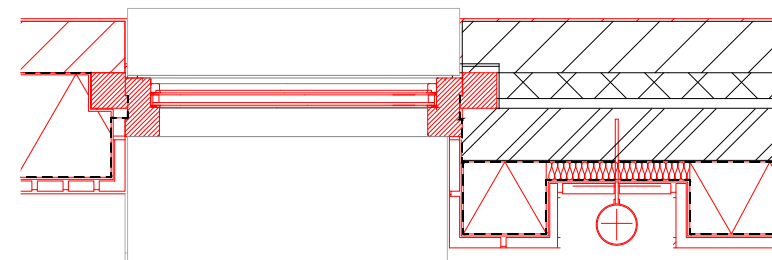
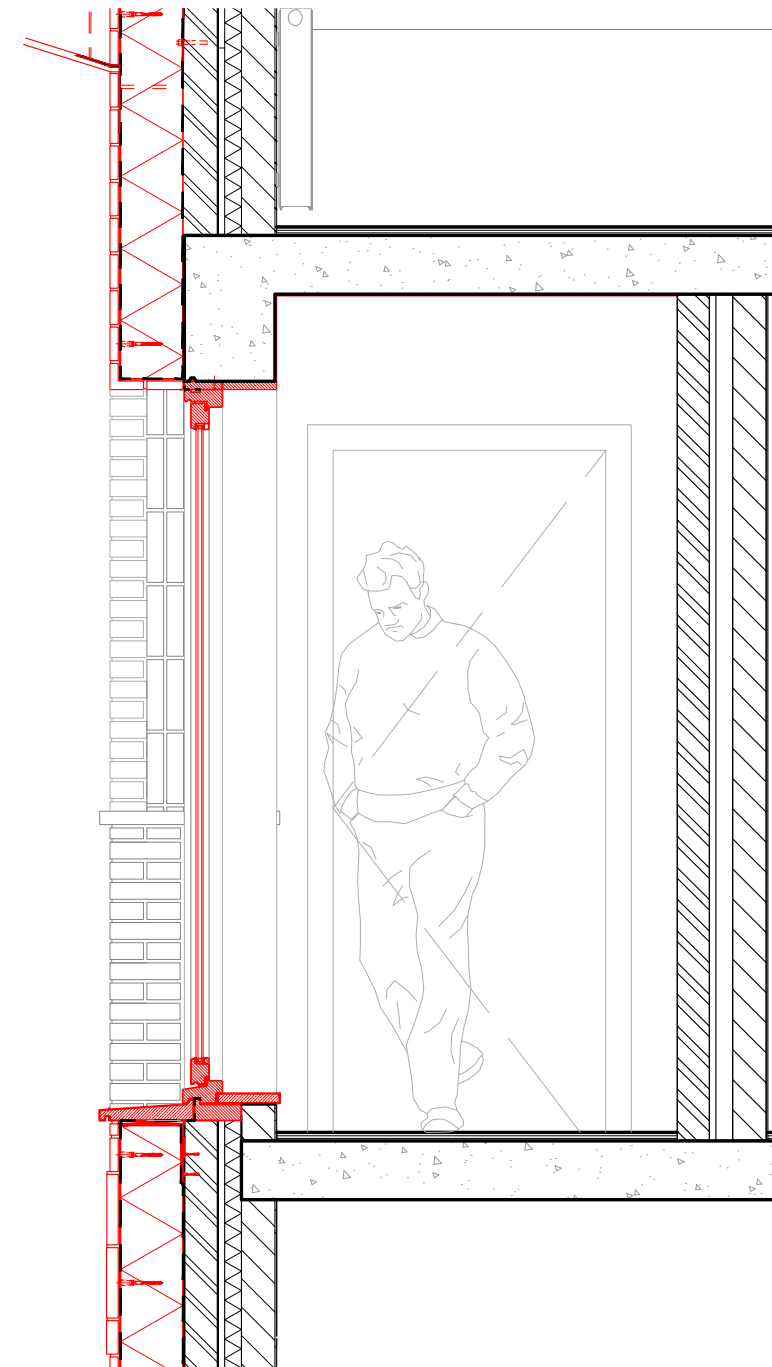
design 04 rearrange of the existing program



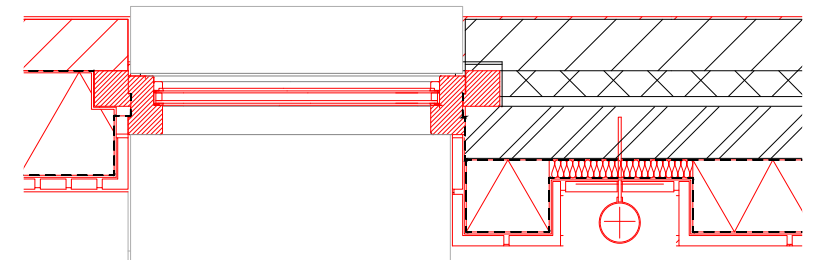
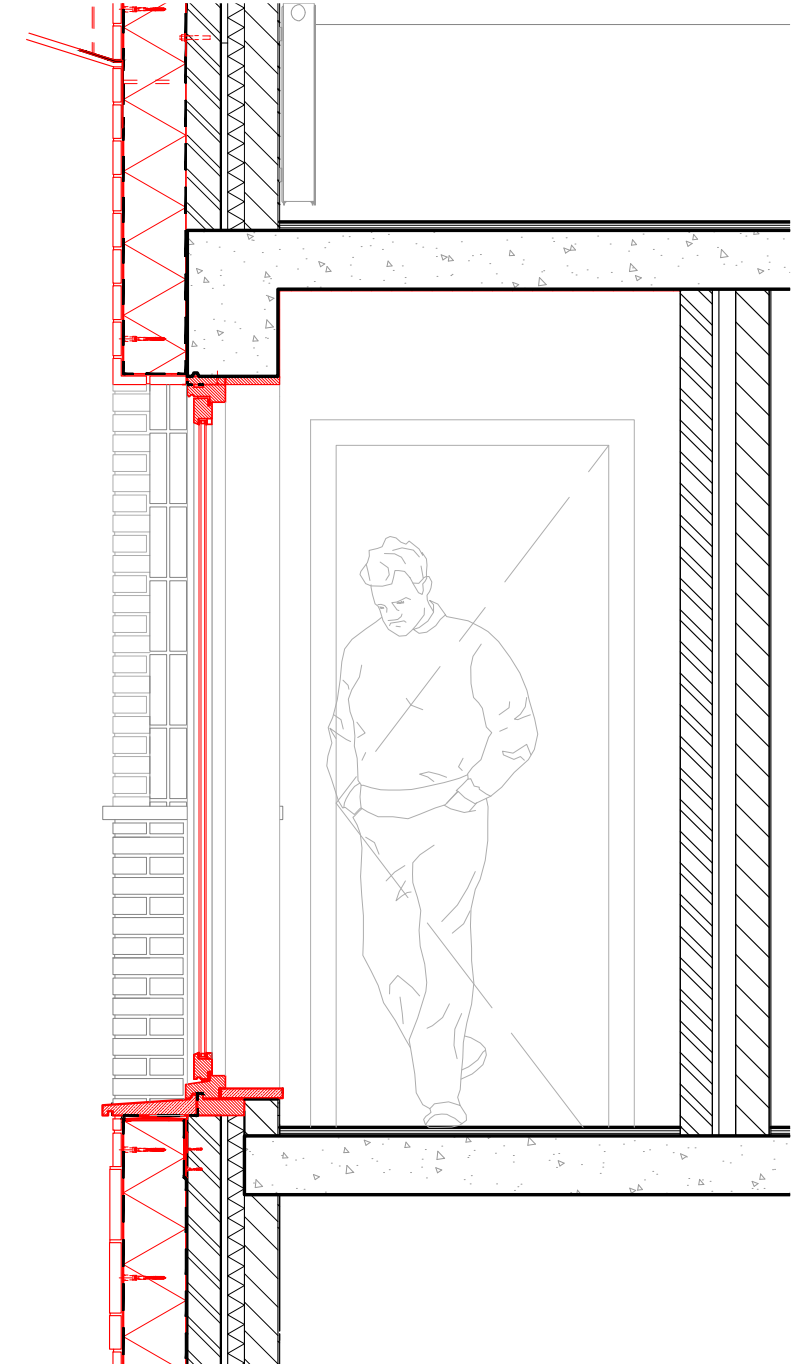
design 04 rearrange of the existing program context



design 04 rearrange of the existing program backside



design 04 rearrange of the existing program element gallery | exterior



design 04 rearrange of the existing program element gallery | interior



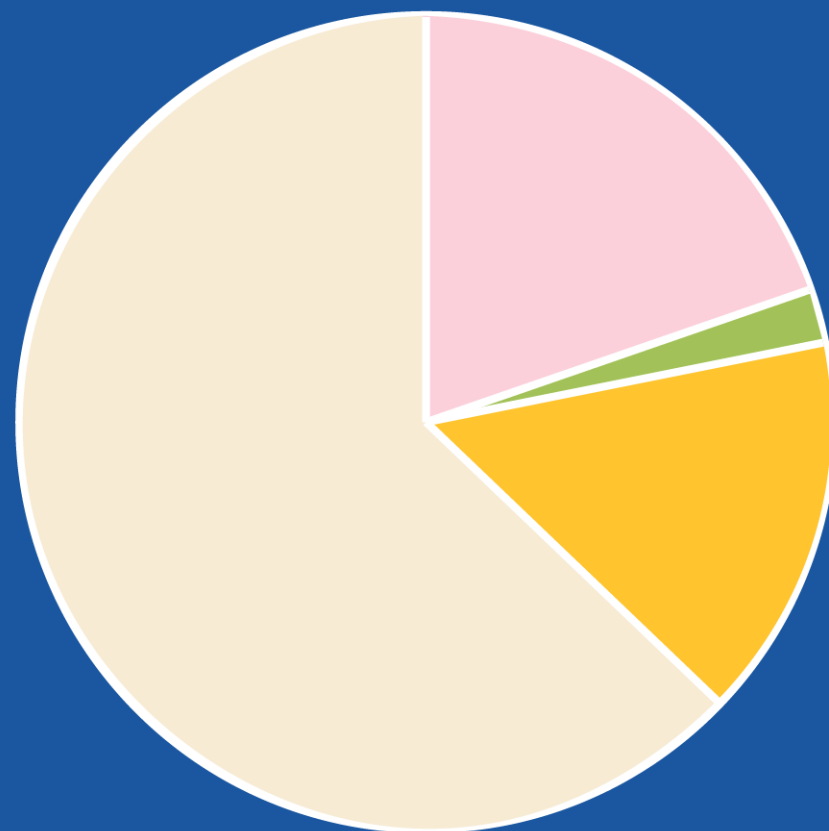
04

impact

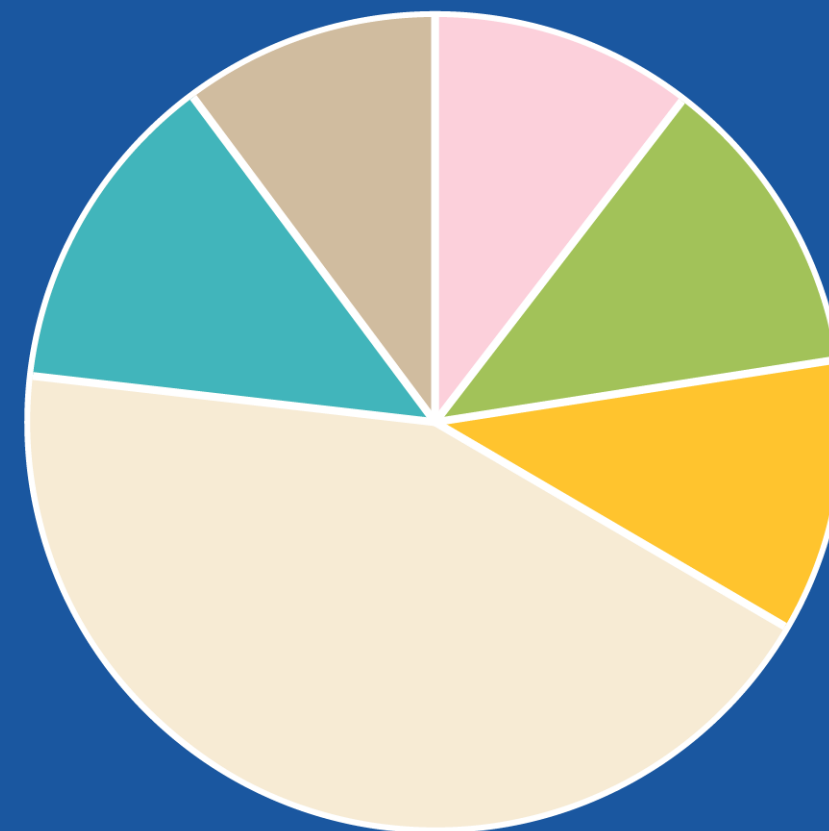
context

era

densification



current



design



street



storage



green



parking

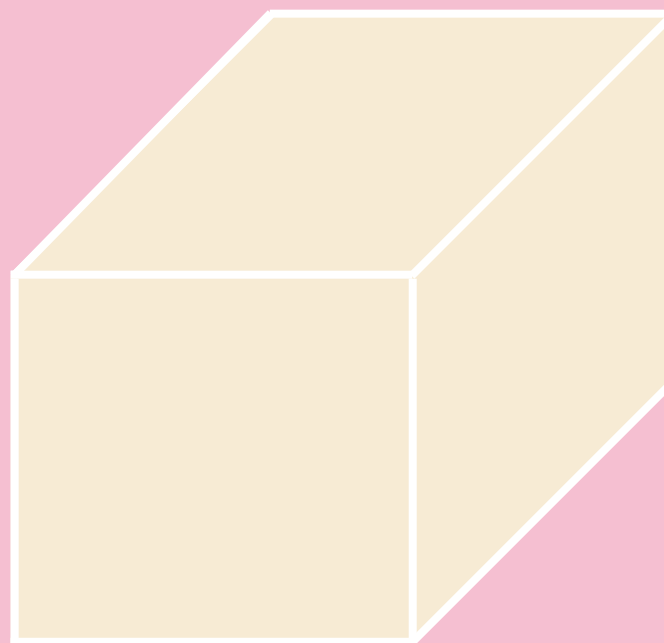


housing



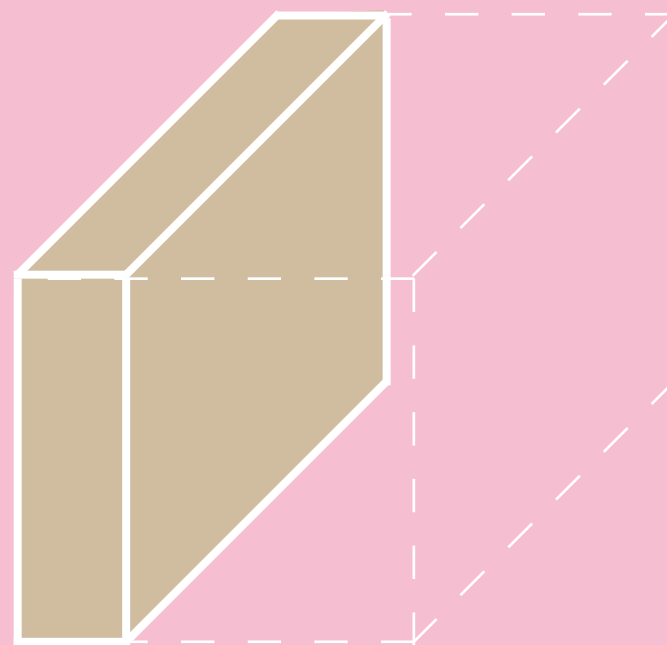
bufferzone

impact reprogram



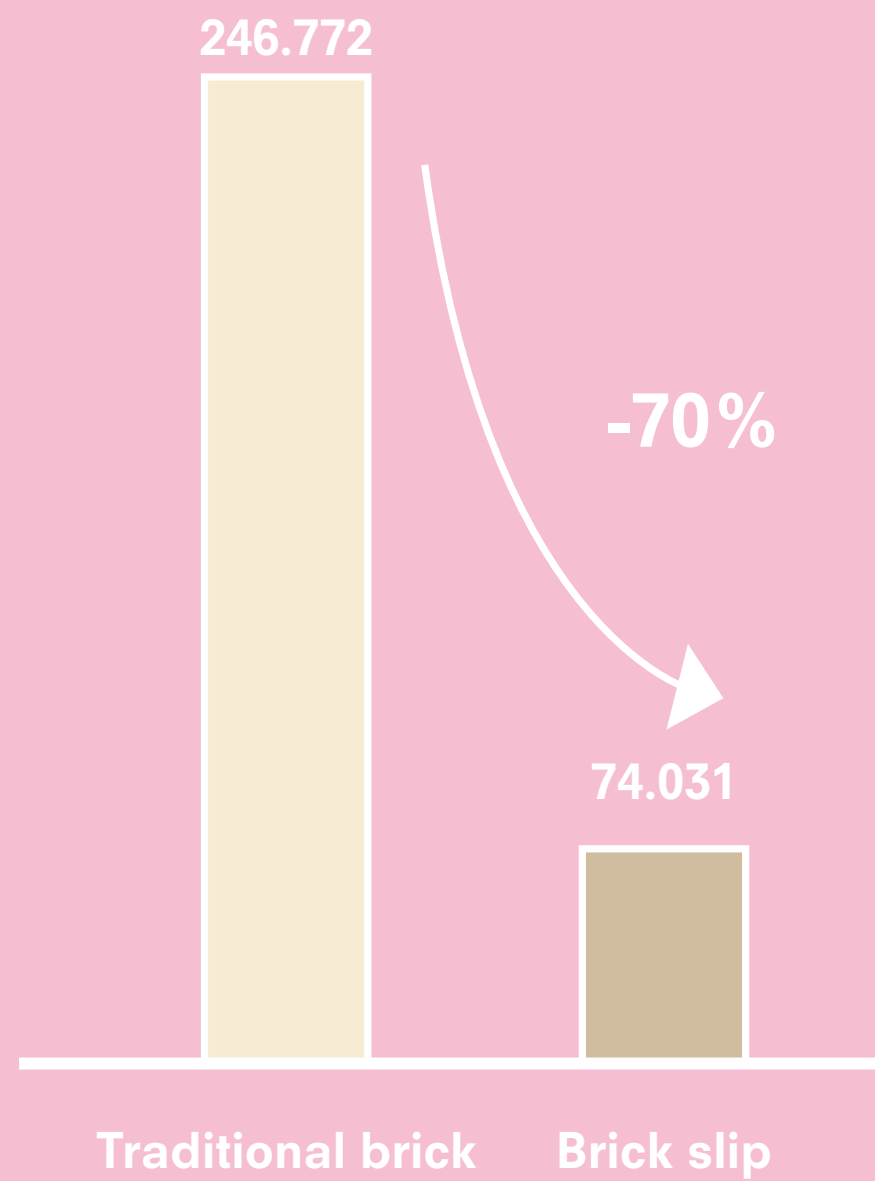
Traditional brick

impact material

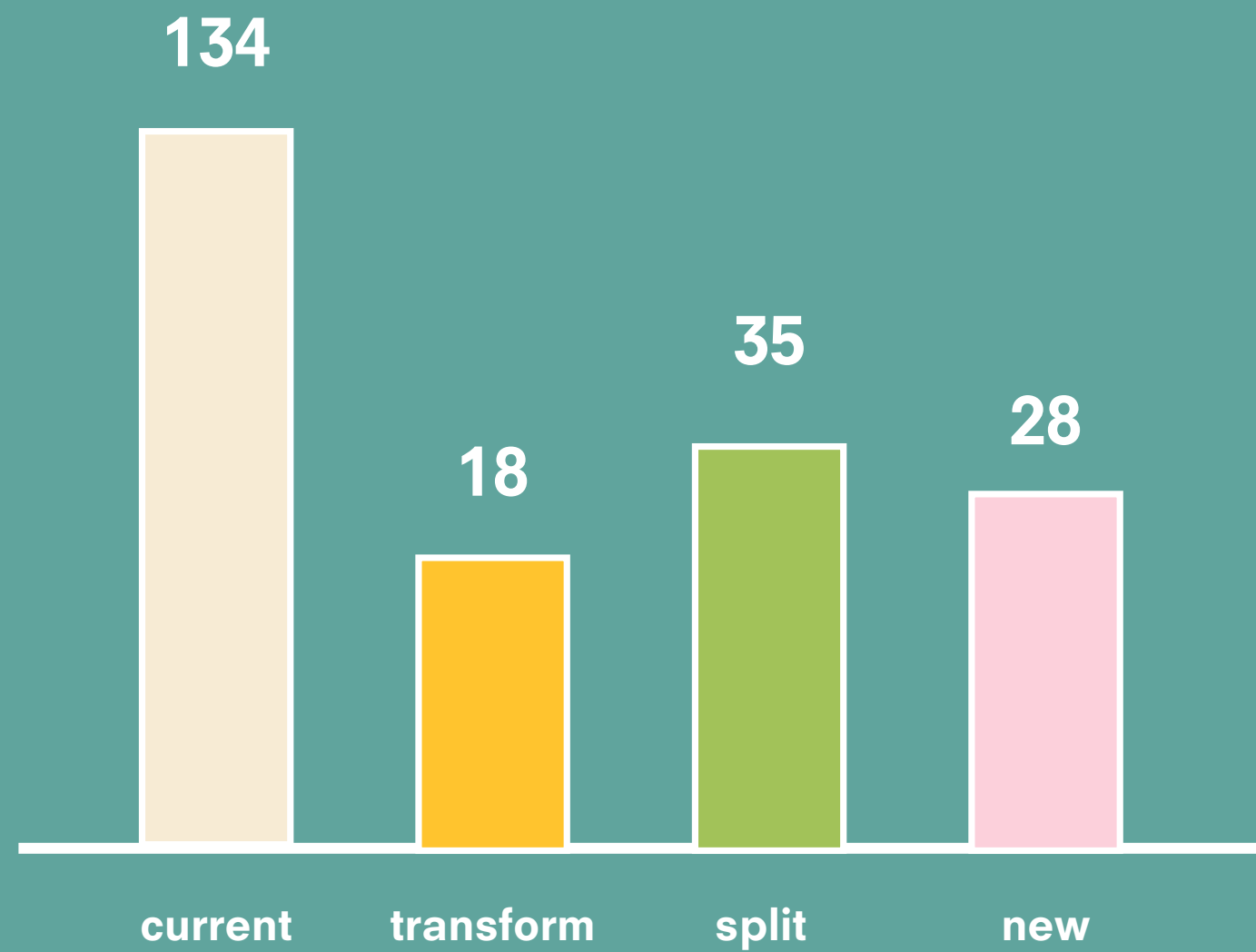


Brick slip

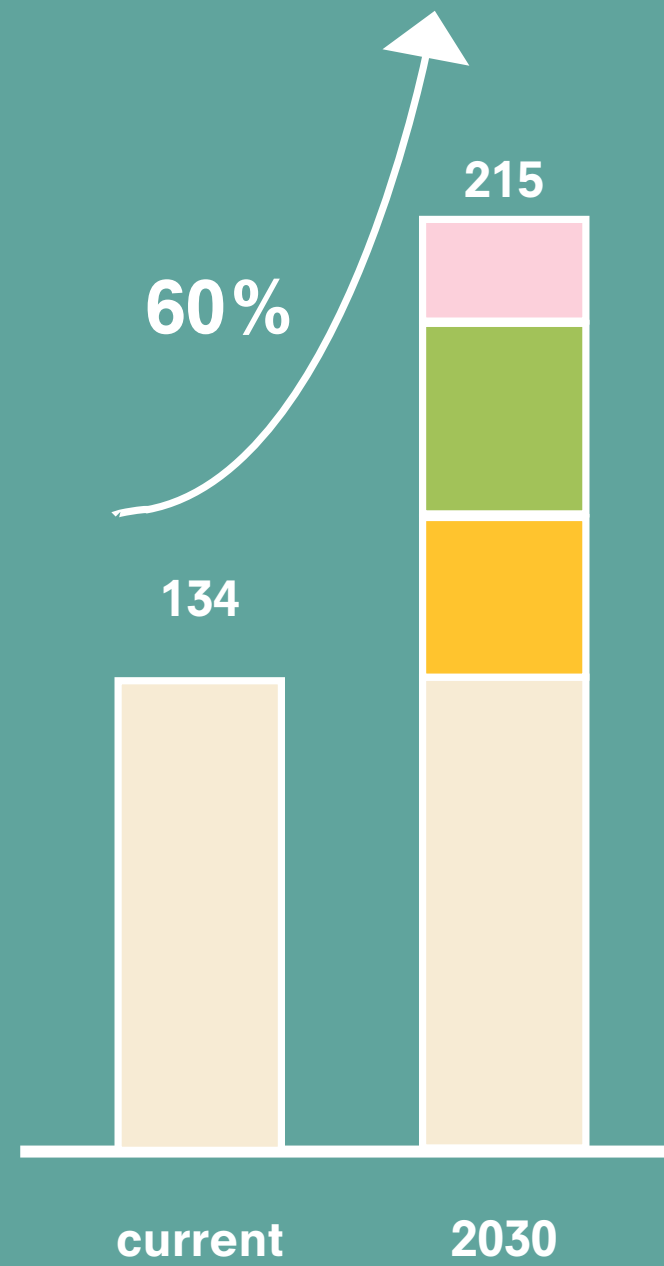
impact material



impact material



impact densification



impact densification

**How can these seventies backside area's
with a lack of spatial quality be improved and
answer the current question for densification?**



**Reprogram to partly
opening up the
backside plinth**

**Create comfortable
layered buffer zone**

**Respect the
architecture of the
surrounding to create
coherency**

**Explore densification
within the building
envelope**

reflection

unawareness of beauty in ugliness

the state of not knowing or realizing that something is happening or that something exists.

oxford dictionary

unawareness of beauty in ugliness

- 1 the fact of knowing that something is true or **exists**
- 2 concern or interest in a particular situation or development

oxford dictionary







thank you