

PROUDIFICATION OF VYHOVSKOHO



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ANALYSIS



Area

Europe



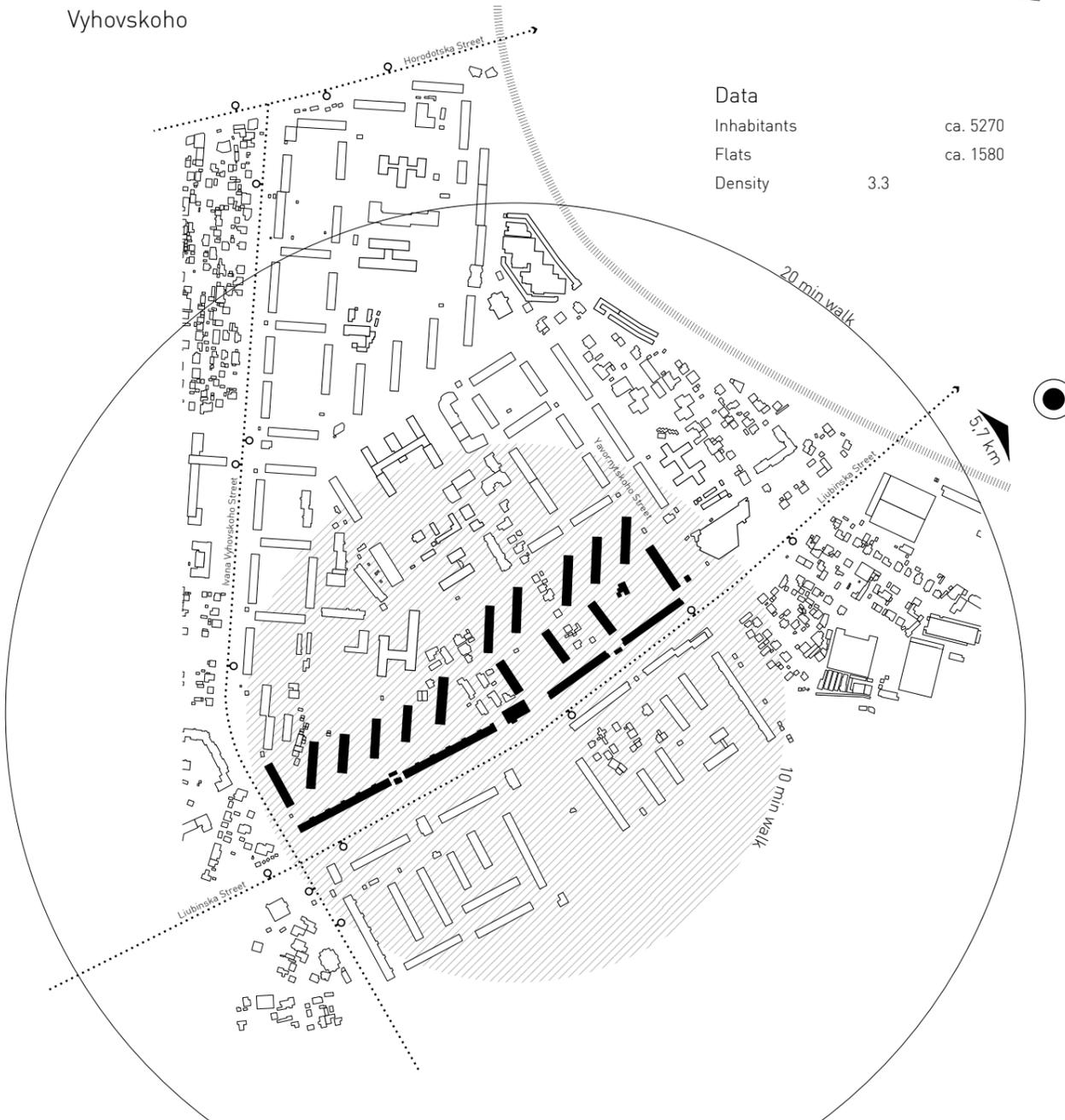
Ukraine



Lwiw



Vyhovskoho



Existing atmosphere



Structure

The maintenance of residential buildings was strongly neglected, which ultimately lead to bad structural conditions. Because of the difficult ownership circumstances, lack of money and support by the city, every flat has been treated individually. Some of the owners can afford thermal insulation, others only new windows, most of them neither.



Residents

Hundreds of different, custom made balconies, as well as the entrances of the buildings show the wish for individuality. The expressive canopies, the colored walls and the mere effort to create a wheelchair-accessible environment, are indicators for ambitions lapsed into silence, which have to be resuscitated.



Spatial

All over the whole area of Vyhovskoho the greenery shows a huge potential. Large courtyards and generous spaces between the buildings and small streets could host many communal functions. Right now most these areas are used in a way which is not beneficial for the community. It seems that some of them are not being used by anybody at all. Broken playgrounds, ripped clotheslines and almost invisible paths are artefacts of former better times.



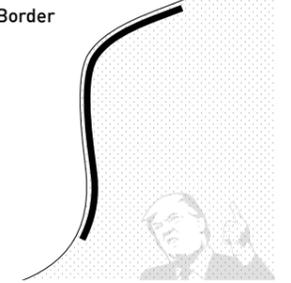
Mobility

Cars in the garden, cars on the playground, cars on the walkway, cars everywhere. A bad public transportation system and almost no bikeways, in combination with the far distance to the city centre, individual traffic is of high importance to the inhabitants.

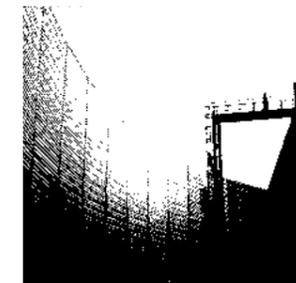
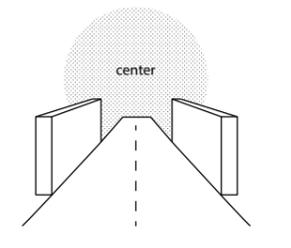
Walls



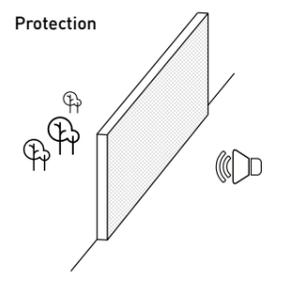
Border



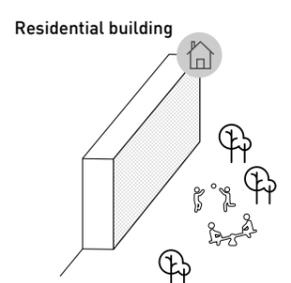
Street framing



Protection



Residential building



POTENTIALS - GOALS - PROJECTS



POTENTIALS

ARCHITECTURE

- > unregulated ownership situation
- > technical building conditions
- > orientation of buildings
- > wheelchair accessibility
- > badly used ground floor areas

OPEN SPACE

- > big open & green areas
- > no spatial hierarchy
- > badly organized private transport
- > badly structured paths and walkways

LOCAL SOCIETY

- > existing expression of individuality
- > existing local communities
- > missing services & local supply
- > missing workplaces
- > high density of residents

GOALS



UPGRADING BUILDINGS



REARRANGING SPACE



CREATING IDENTITY

NEIGHBORHOODS



PROJECTS

INSTALLING HEADQUARTERS

ADDING LOCAL SERVICES

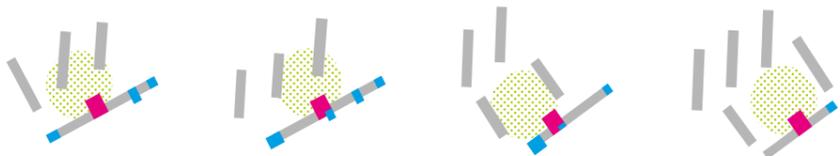
IMPLEMENTING SOCIOCRACY

PROVIDING COMMON SPACE

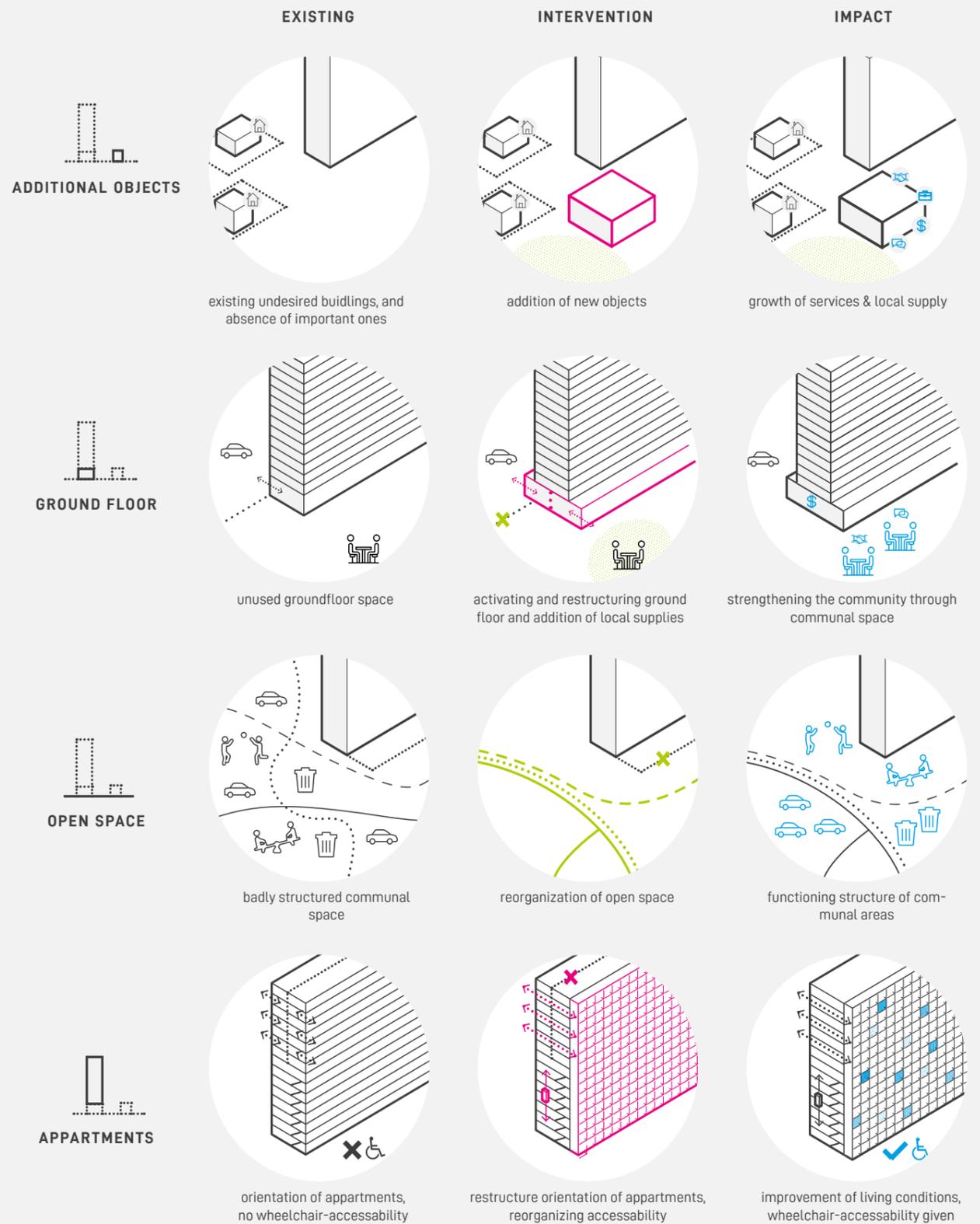
CREATING SPATIAL SPECIALS

EXPANDING INDIVIDUAL SPACE

4 NEIGHBORHOODS



TOOLBOX



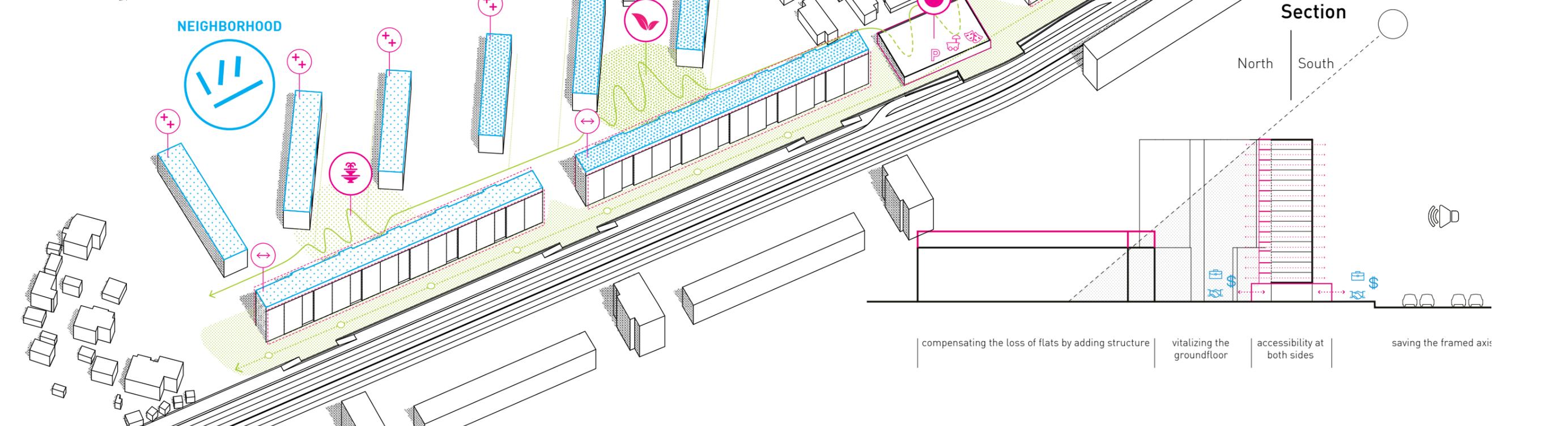
CONCEPT



Concept Graphic Axonometry

- sports area
- forest, fruit trees, raised beds
- pedestrian-friendly
- add. floor
- central building
- major playground
- function areas
- slow traffic (mostly by feet)
- add. facade layer
- market
- village square, café, outdoor sitting
- POI shops, café, restaurant
- underground parking
- cultur, cinema, theatre

Potential Spots



compensating the loss of flats by adding structure | vitalizing the groundfloor | accessibility at both sides | saving the framed axis

CREATING IDENTITY



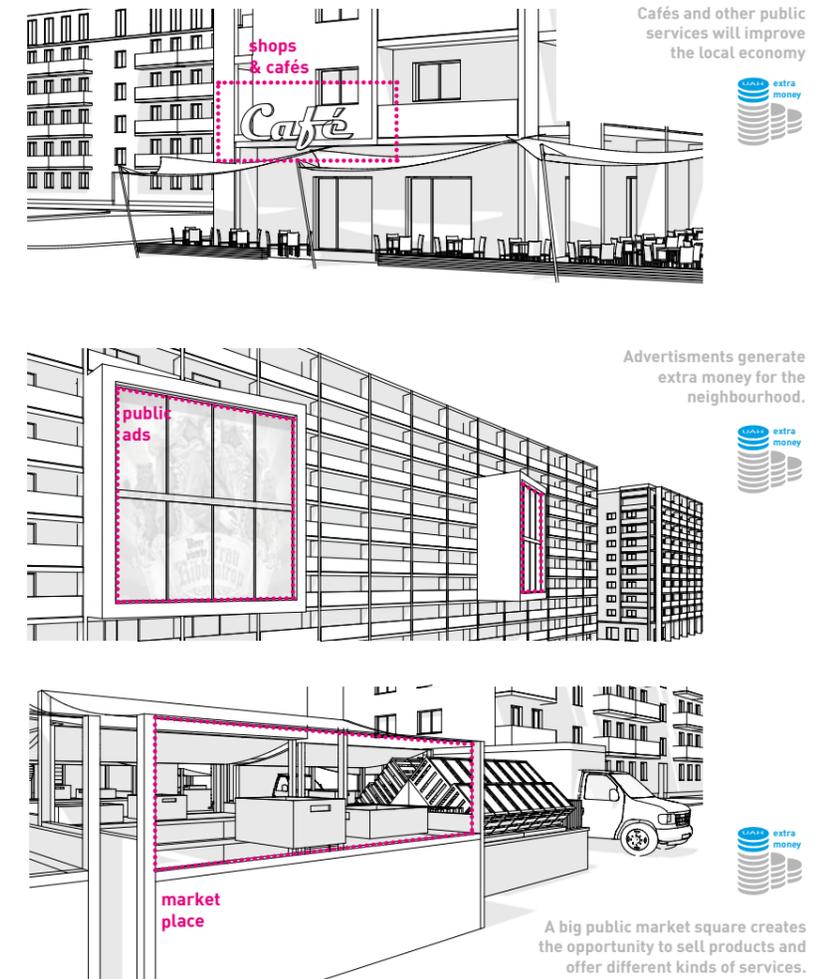
Planners - City - Residents



Headquarters



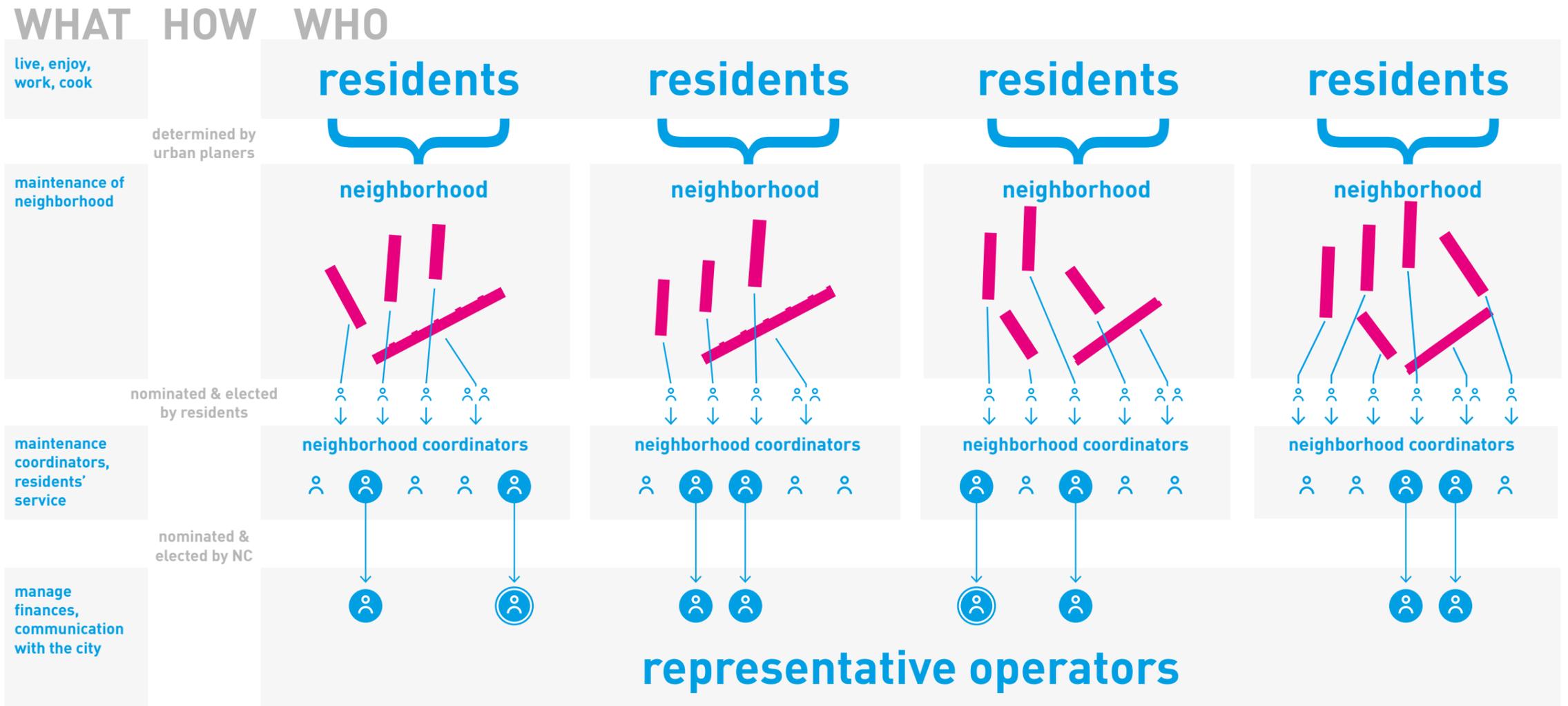
Economical opportunities



CREATING IDENTITY

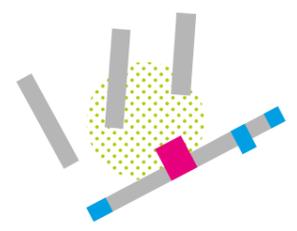


Sociocracy

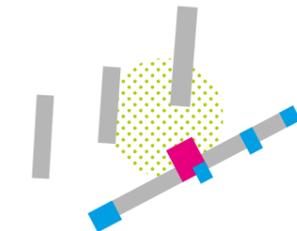


NEIGHBOURHOOD sociocratic community

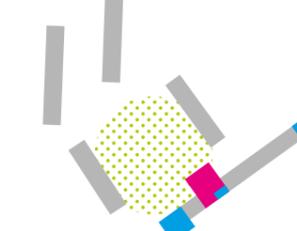
- house contact person
- neighborhood coordinators
- representative operators



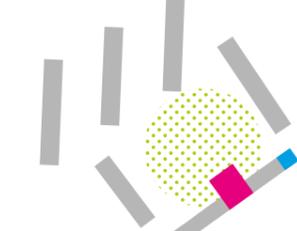
- Plaza**
- 1 Café, 2 Shops
 - 1 Headquarter including
 - Drinking water
 - Seating accommodation
 - Public toilets
 - Wheelchair accessibility



- Garden**
- 1 Café, 3 Shops
 - 1 Headquarter including
 - Drinking water
 - Seating accommodation
 - Public toilets
 - Wheelchair accessibility



- Playground**
- 1 Café, 2 Shops
 - 1 Headquarter including
 - Drinking water
 - Seating accommodation
 - Public toilets
 - Wheelchair accessibility

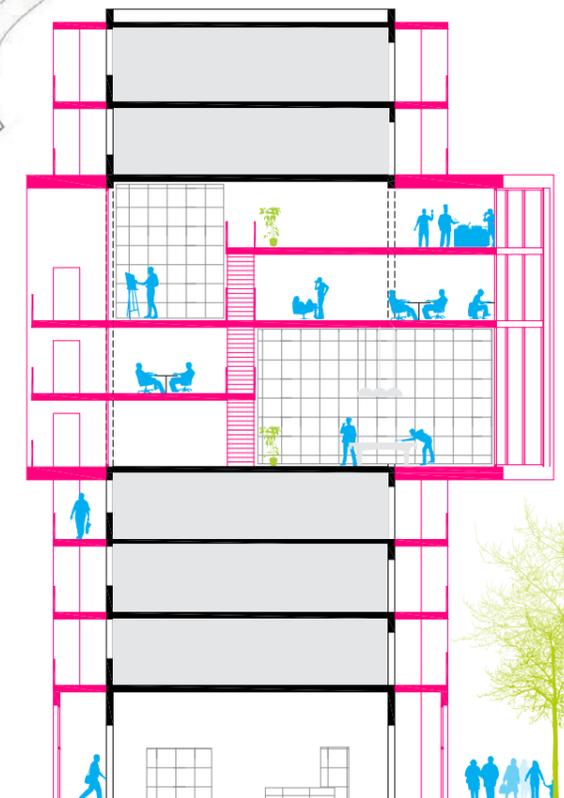
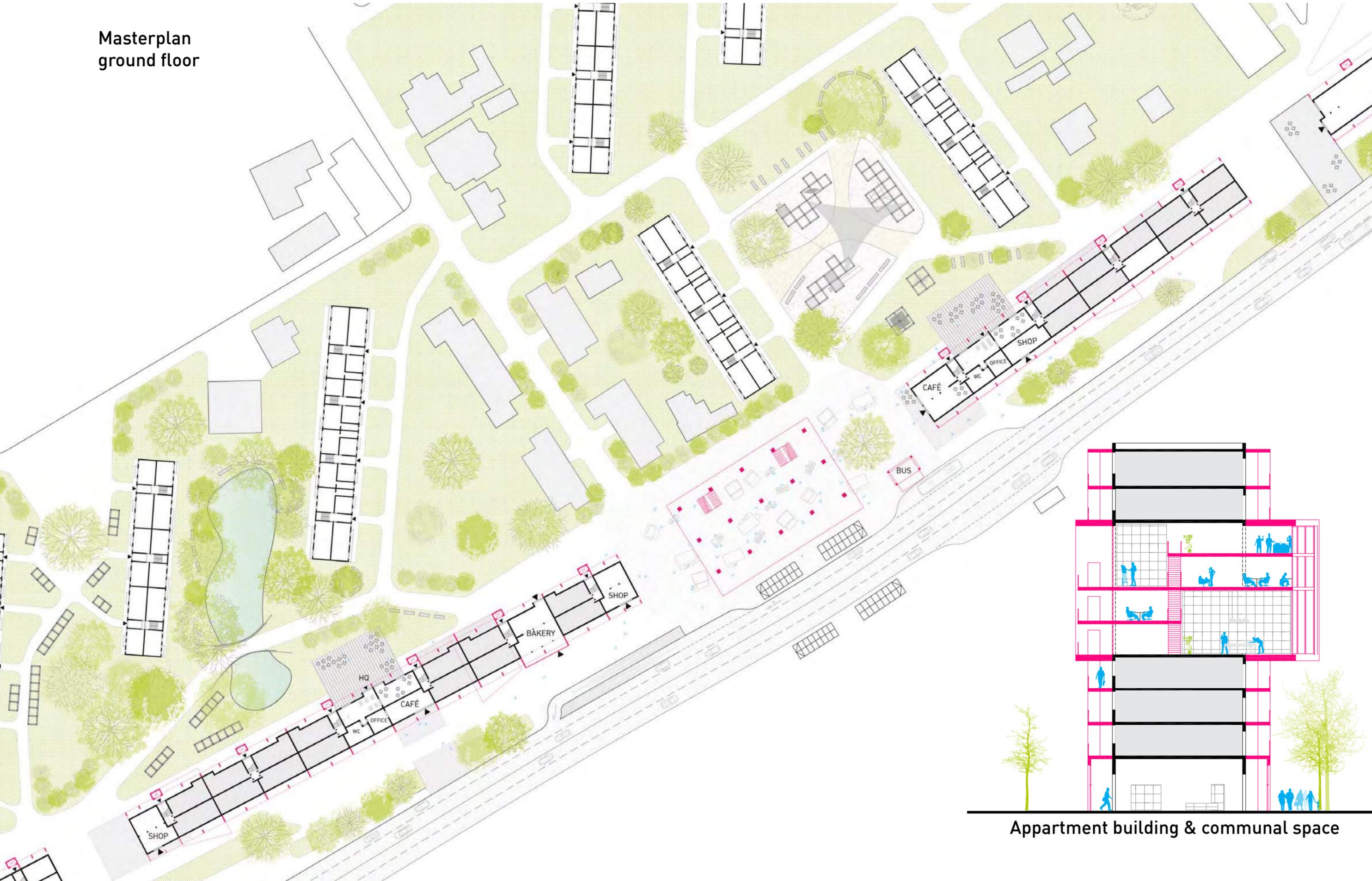


- Sports field**
- 1 Café, 1 Shop
 - 1 Headquarter including
 - Drinking water
 - Seating accommodation
 - Public toilets
 - Wheelchair accessibility

MASTERPLAN



Masterplan
ground floor



Apartment building & communal space

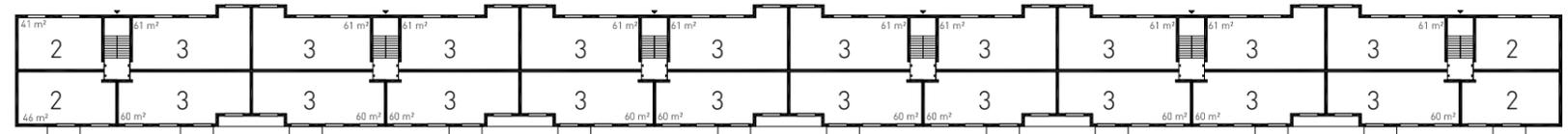
UPGRADING BUILDINGS



Examples for architectural upgrades

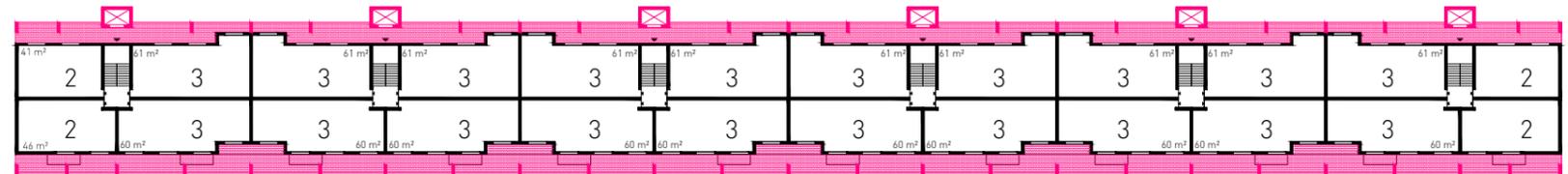
0 Existing building with all problems like mentioned above.

Existing
Flats/Floor 24
Floors 9
Inhabitants 782



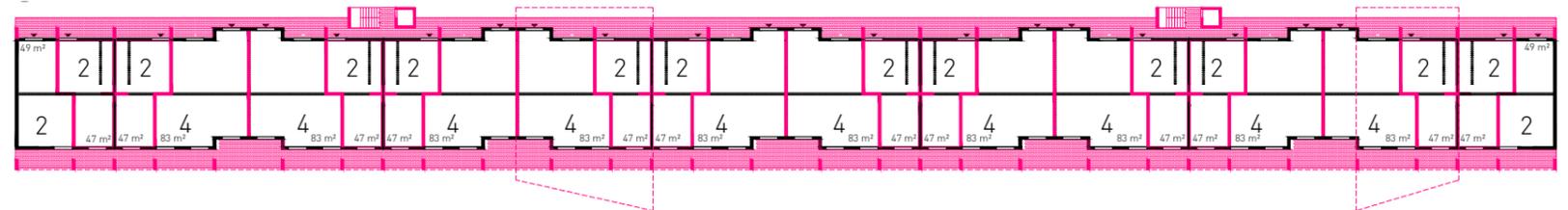
1 Adding layers to the facade for more efficient circulation.

Option 1
Flats 24
Floors 9
Inhabitants 760

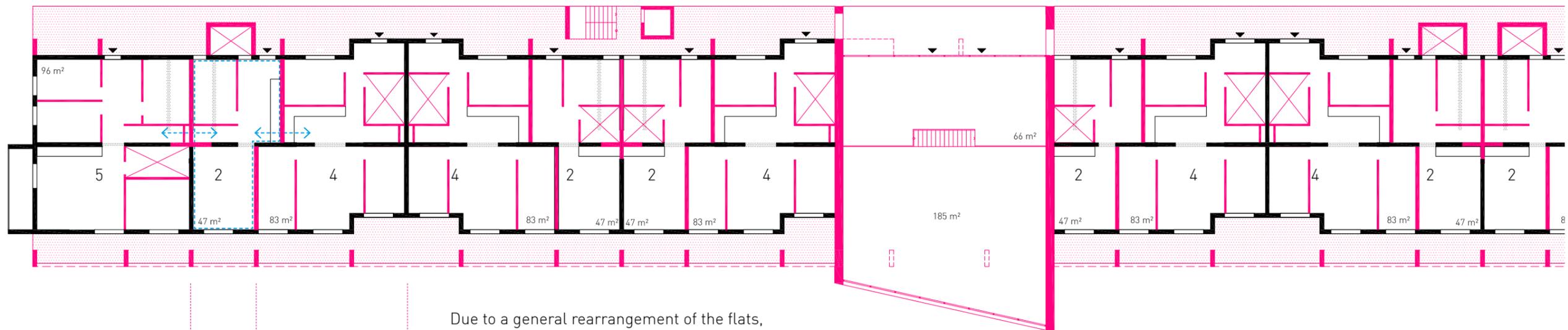


2 Reorganisation of the inner structure for improve quality of the flats.

Option 2
Flats 24
Floors 9
Inhabitants 712



Detailed floor plan with possibly flexible flats



Due to a general rearrangement of the flats, the opportunity of flexible apartment sizes emerged. Depending on the family situation flats can be made smaller or extended.

UPGRADING BUILDINGS



Proof of apartment compensation

Existing				LONG WALL- PART x2				SHORT WALL- PART x2			
Floor	Rooms	Flats	Inhab.	Floor	Rooms	Flats	Inhab.	Floor	Rooms	Flats	Inhab.
EG	2	2	6	EG	2	0	0	EG	2	0	0
	3	10	40		3	8	32		3	8	32
1st - 9th	2	4	12	1st-9th	2	0	0	1st-9th	2	0	0
	3	20	80		3	16	64		3	16	64
8			736	8			512	8			512
SUM		204	782	SUM		136	544	SUM		136	544

Option 1				LONG WALL- PART x2				SHORT WALL- PART x2			
Floor	Rooms	Flats	Inhab.	Floor	Rooms	Flats	Inhabitants	Floor	Rooms	Flats	Inhabitants
EG	2	0	0	EG	2	0	0	EG	2	0	0
	3	6	24		3	6	24		3	6	24
1-9	2	4	12	1-9	2	0	0	1-9	2	0	0
	3	20	80		3	16	64		3	16	64
8			736	8			512	8			512
SUM		198	760	SUM		134	536	SUM		134	536

Option 2				LONG WALL- PART x2				SHORT WALL- PART x2			
Floor	Rooms	Flats	Inhab.	Floor	Rooms	Flats	Inhab.	Floor	Rooms	Flats	Inhab.
EG	2	0	0	EG	2	0	0	EG	2	0	0
	3	6	24		3	6	24		3	6	24
4-7	2	10	30	4-7	2	0	0	4-7	2	0	0
	4	8	40		3	14	56		3	14	56
3	5	1	6	3			228	3			168
1-3 + 8-9	2	4	12	1-3 + 8-9	2	0	0	1-3 + 8-9	2	0	0
	3	20	80		3	16	64		3	16	64
5			460	5			320	5			320
			183				712				128
SUM		183	712	SUM		128	512	SUM		128	512

Flats			possible flats / added floors	
	#	loss		
Existing	680	0	needed flats because of loss	-58
Option 1	664	-16	added floors	17
Option 2	622	-58	added flats	146

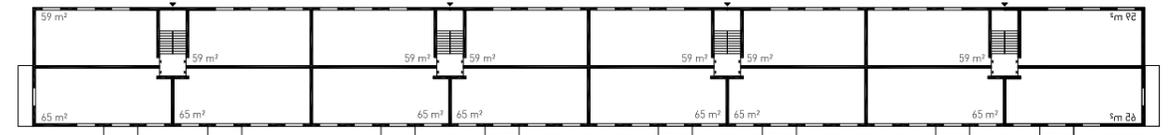
Inhab.			possible inhabitants / added floors	
	#	loss		
Existing	2652	0	homeless people	-204
Option 1	2592	-60	added floors	17
Option 2	2448	-204	added inhabitants	306

Examples for architectural upgrades

0

Existing
Flats/Floor
Floors
Inhabitants

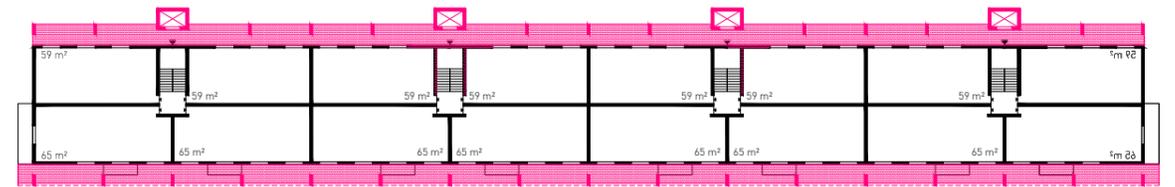
16
9
544



1

Option 1
Flats
Floors
Inhabitants

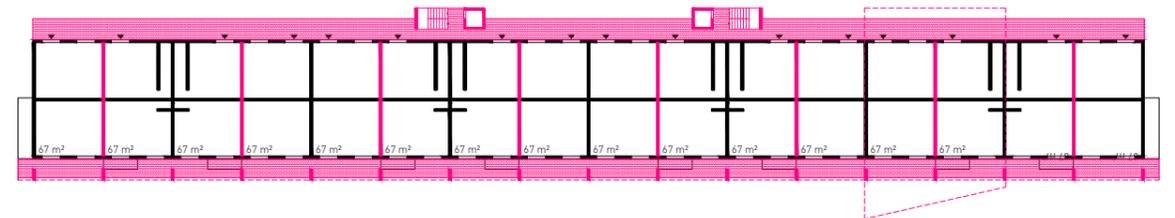
16
9
536



2

Option 2
Flats
Floors
Inhabitants

16
9
512



Market square & cultural centre Section

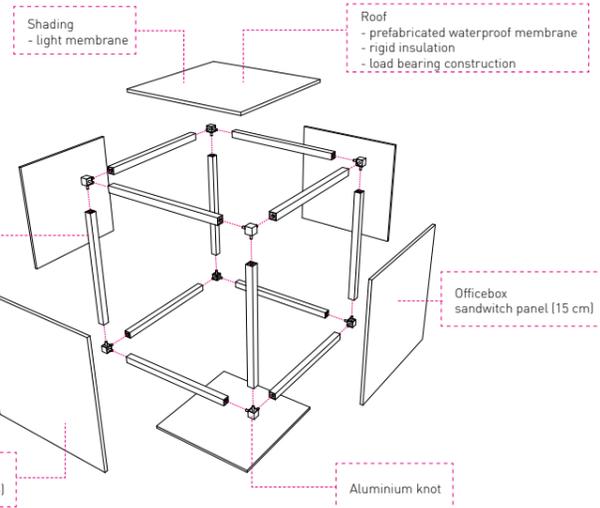
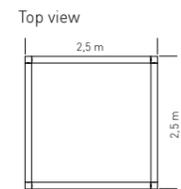
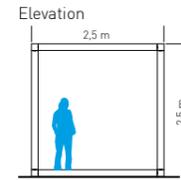


REARRANGING OPEN SPACE

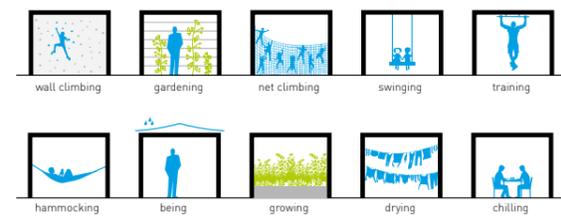


Open Space Structure

An open cube-shaped structure allows flexible usage. The boxes are easy to build and many of the already existing elements (swings, slides, clotheslines, ...) can be reused. Some of cubes will create mayor part of the playground, others will be used in every neighborhood to provide extra storage or small workshops.



Options

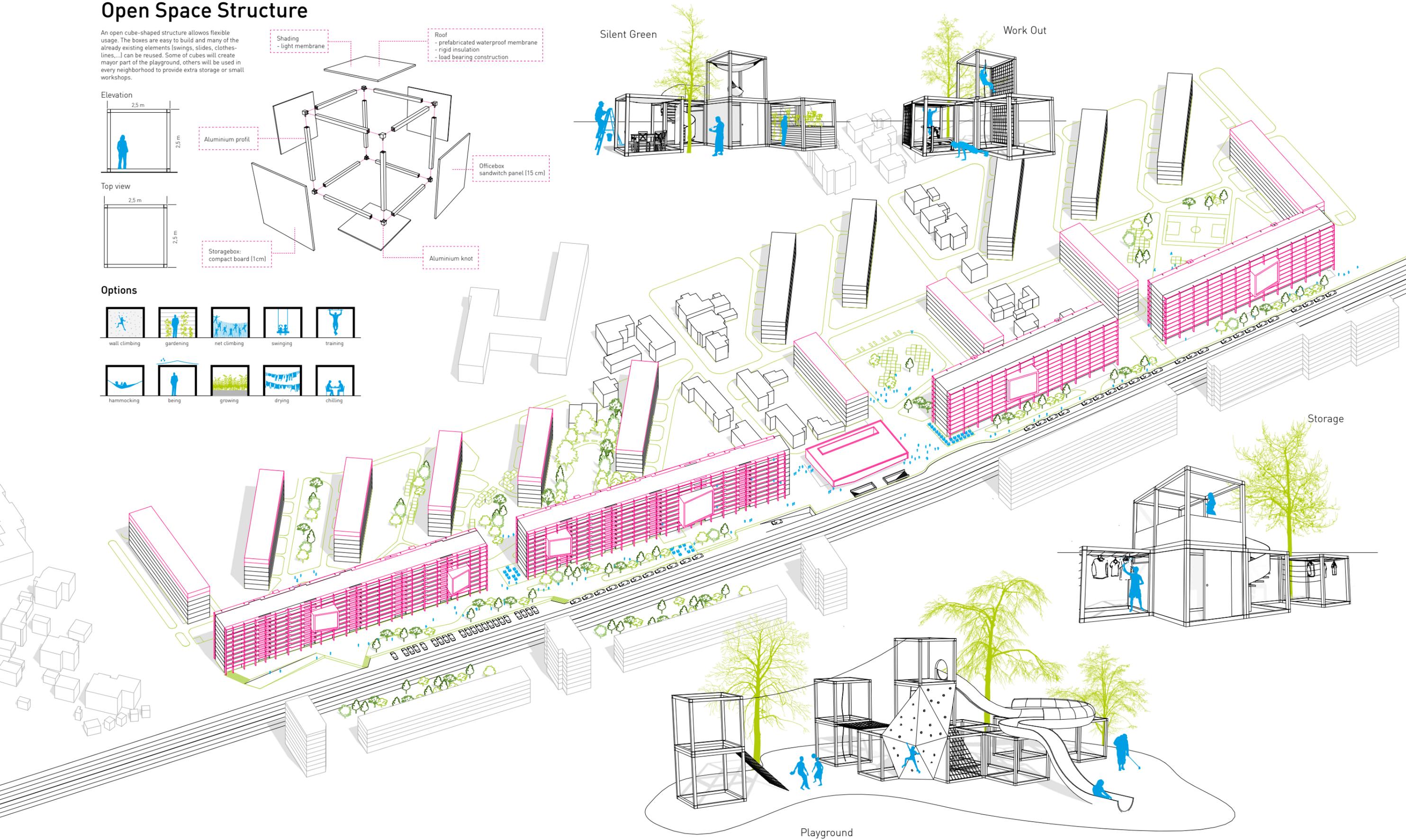


Silent Green

Work Out

Storage

Playground



SCENERY



Mum! Look where I am!
Mum! I'm heeereeee!

Hey Zenoviy... remember, back in the days, when all of this was still a mess...?

Yeah Hryhoriy... good thing that's over ...

Fresh tomatoes!
Fresh garlic!

Oh how much I love these tomatoes... I hope there're still some carrots & onions for my Borscht!

Hey Svitlana! Good to see you! Hang on, I'll come down in a minute!

Excuse me Sir, I've heard there's a small sports field around... do you know by chance where it is?

Sure, it's right behind this apartment building!

PROUDIFICATION OF ACCOMPLISHED
OF PIVOVSKOHO

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