

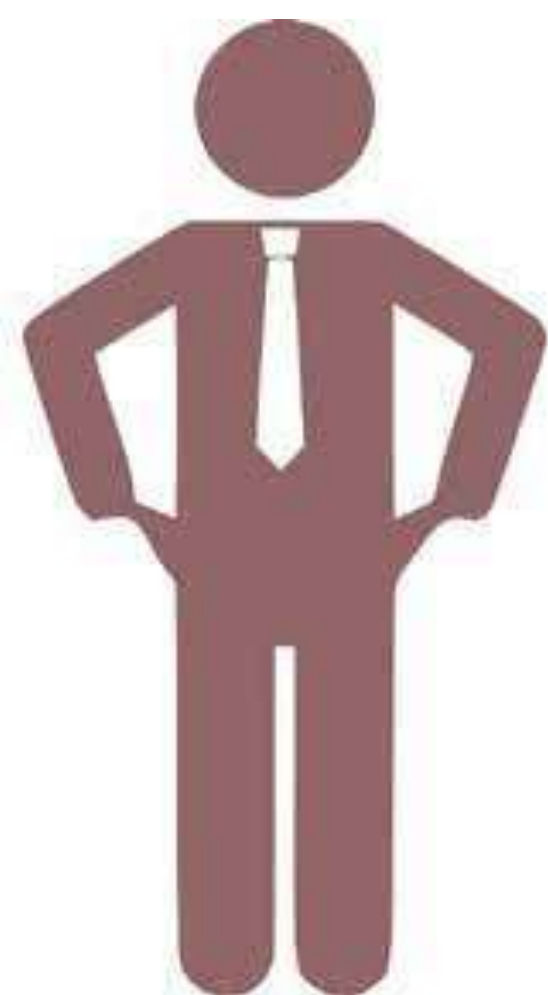
“OUVERTURE DE IMPASSE MOIGNET”

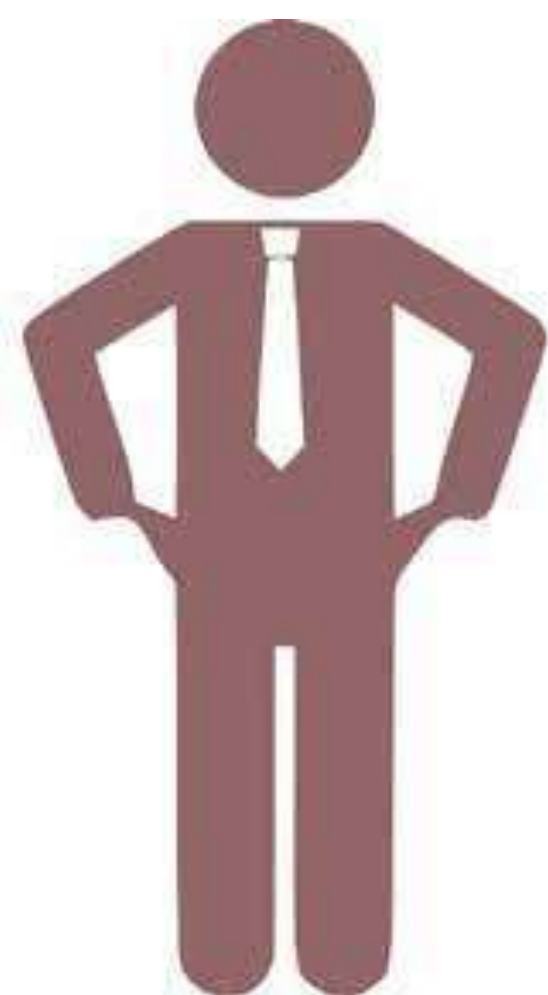
Multi Comfort Student Contest 2021 Saint Denis, France

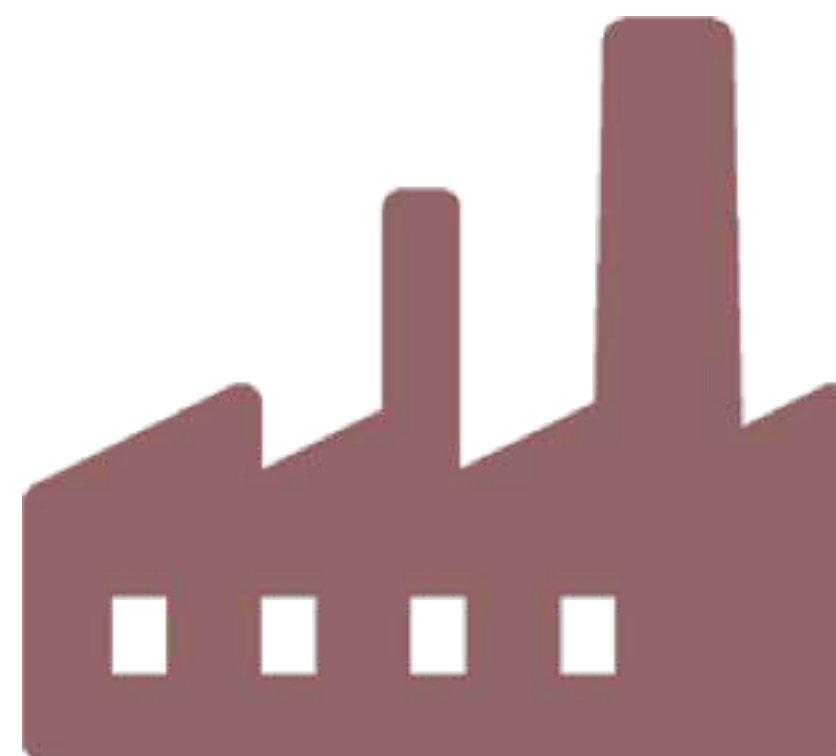
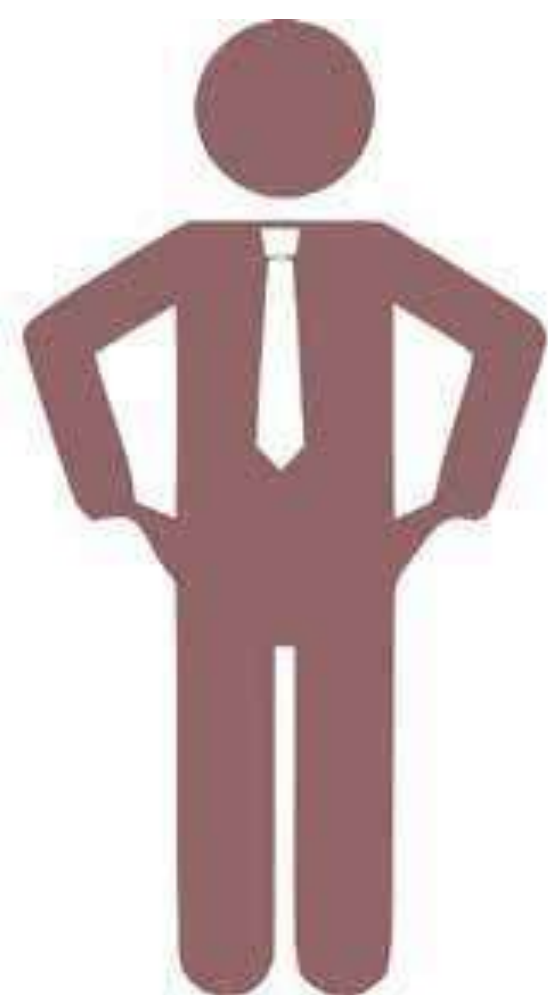
Estonia 2nd team

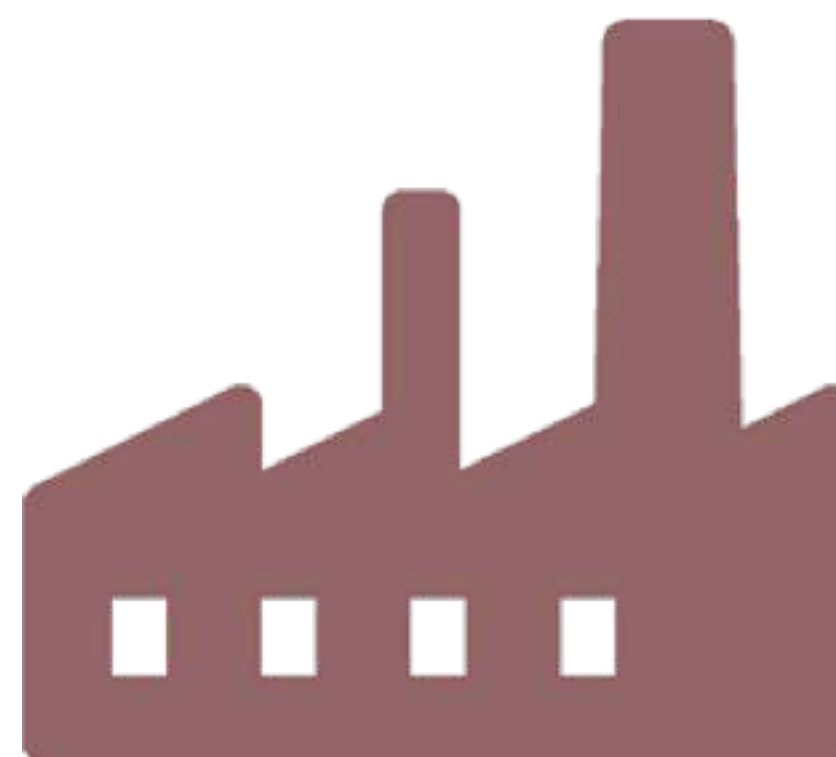
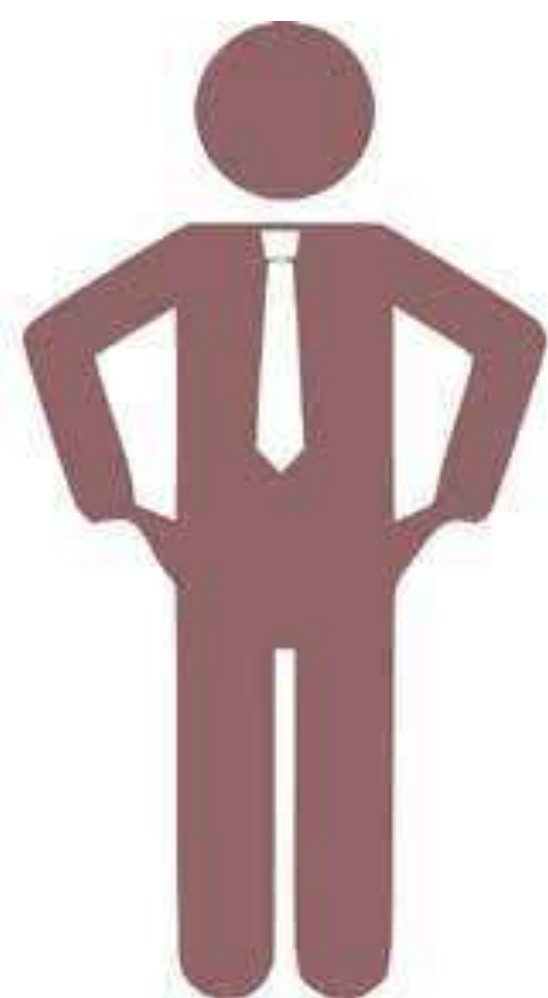
Nr 25

ARTHUR FREDERIC NARUSBERK RAUL-
FLAVIU CHIOREAN

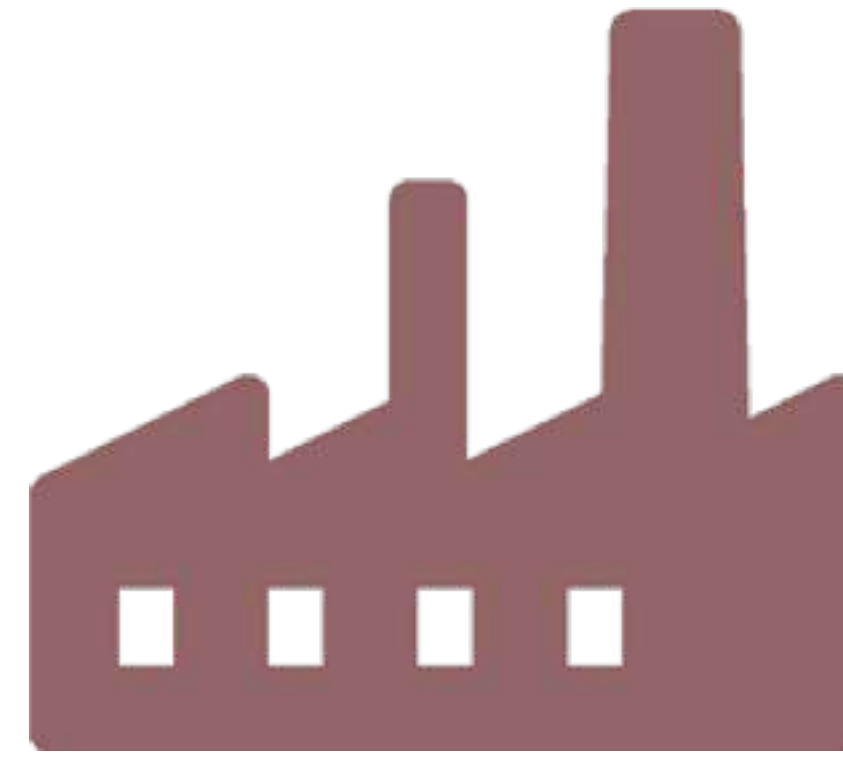
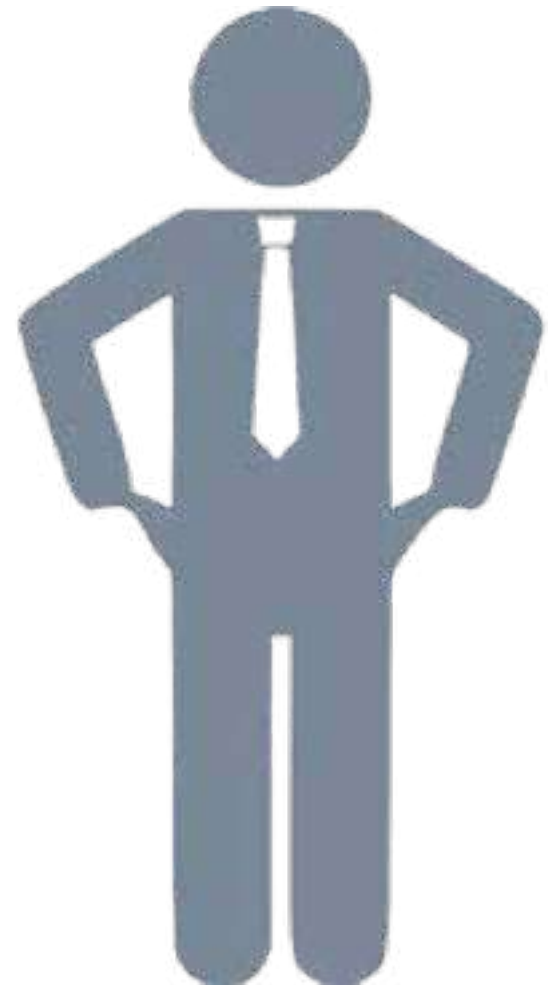








COMPETITION FOCUS



OUR PROPOSAL





traditional living
individual property
YESTERDAY



collective building
TODAY



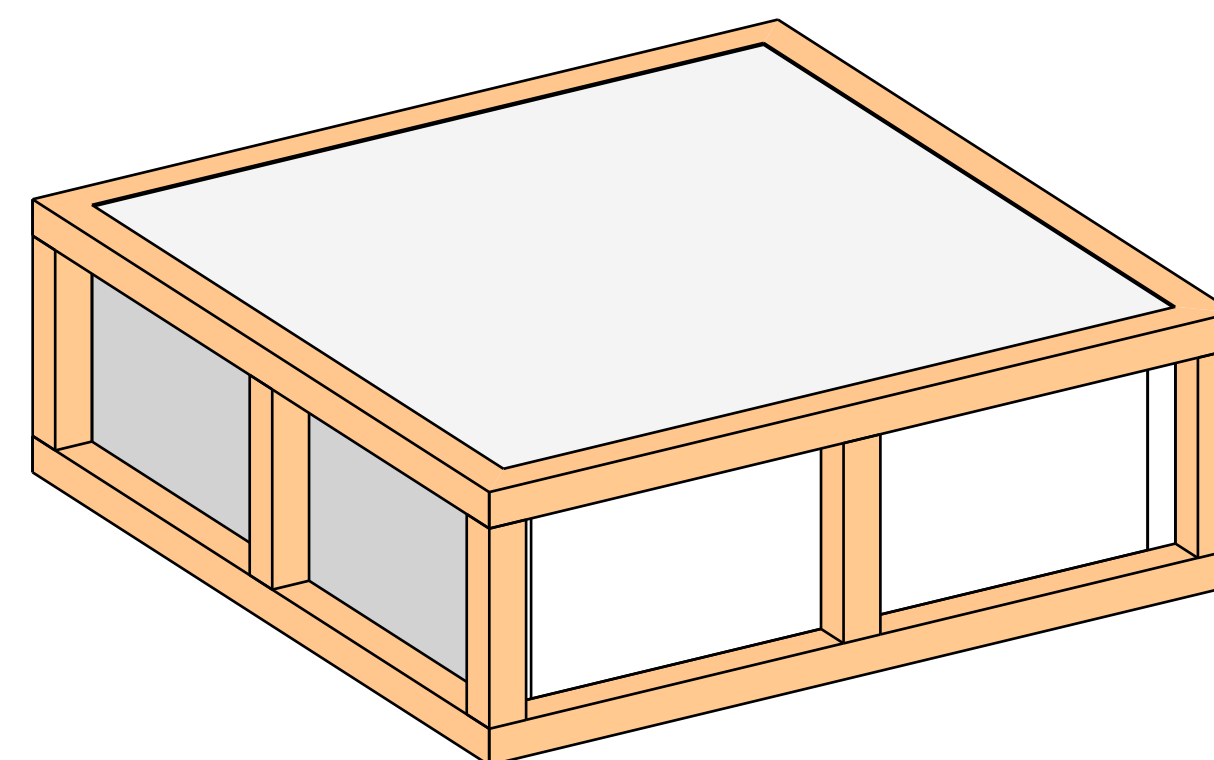
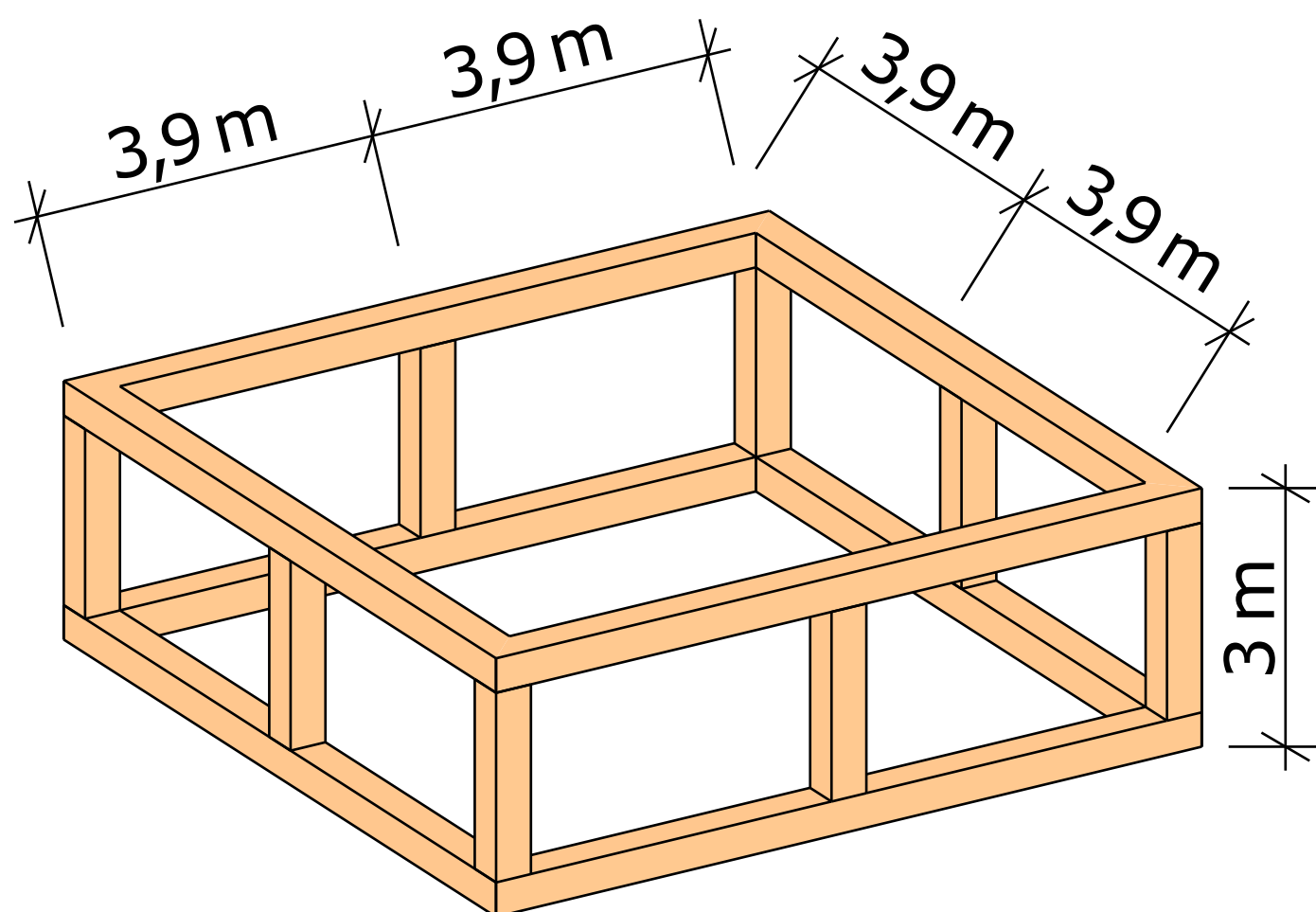
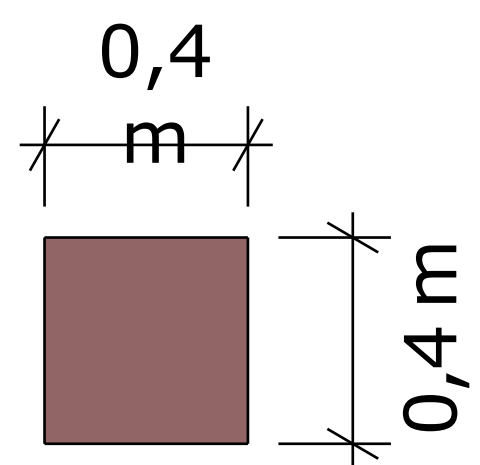
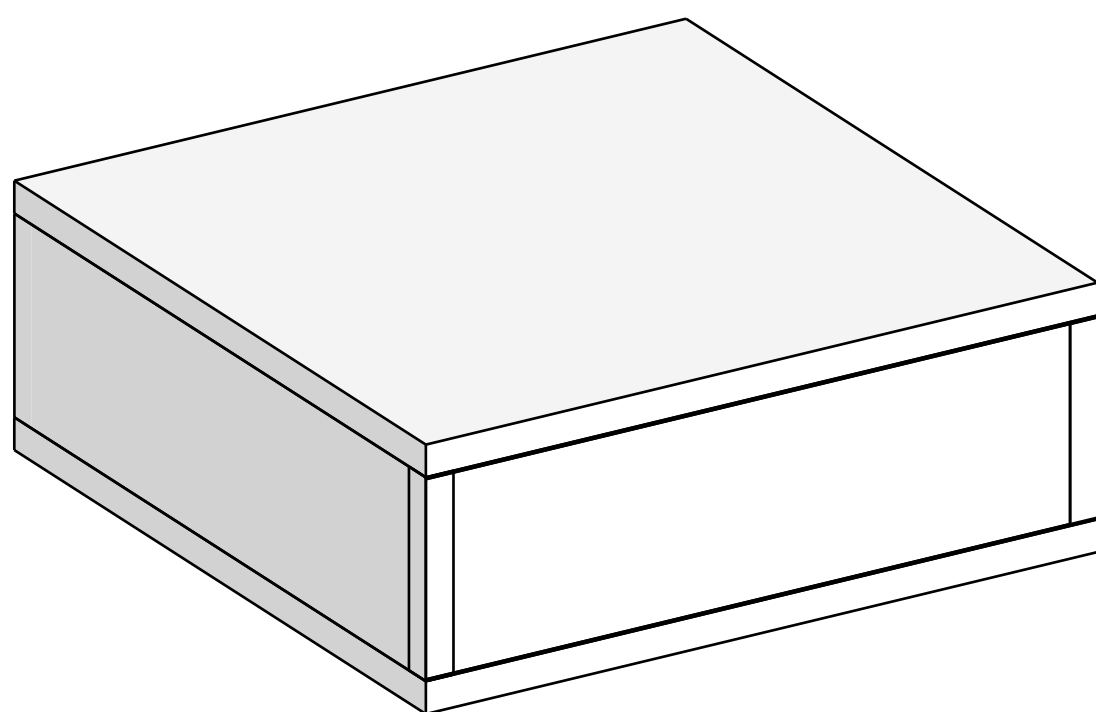
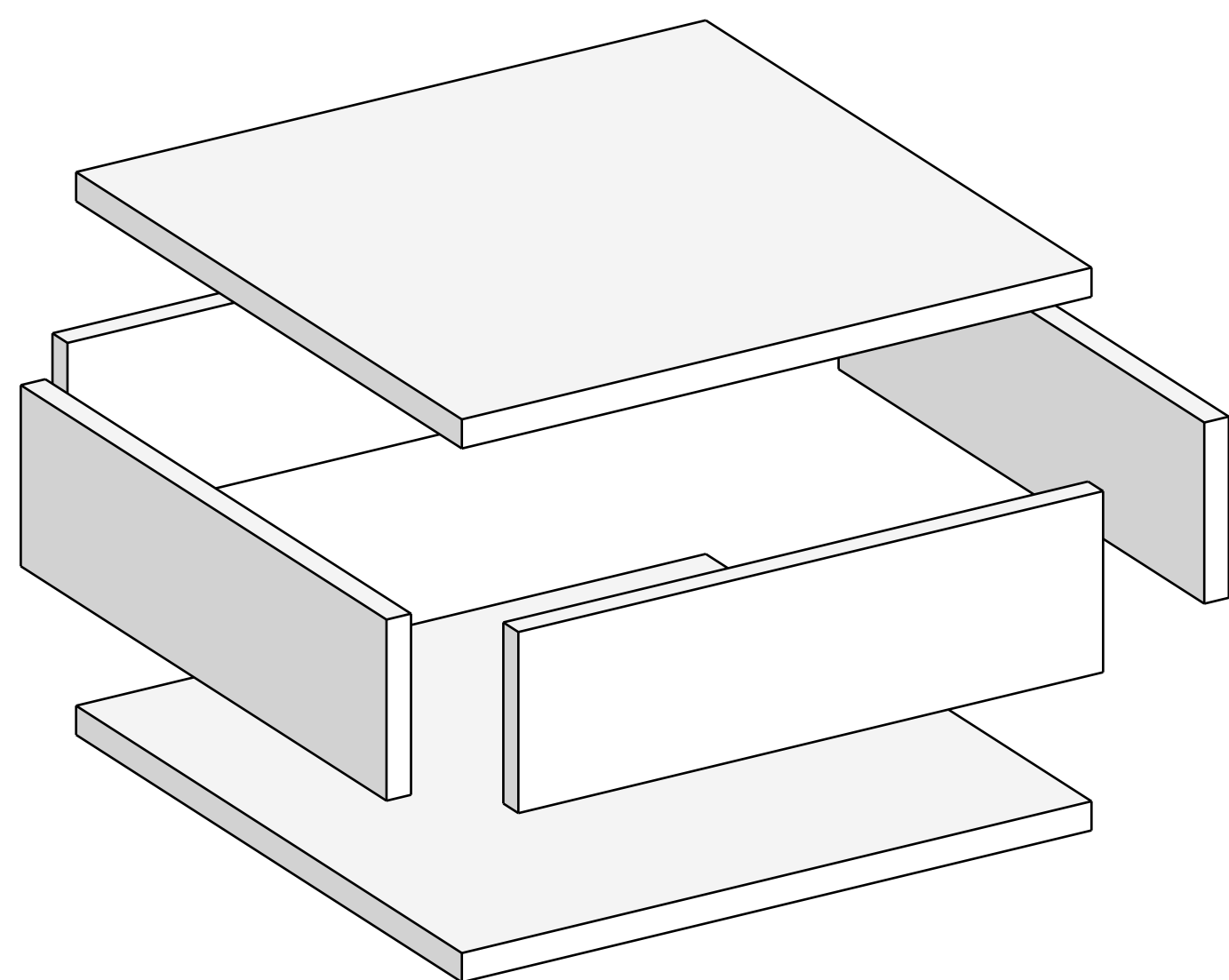
CO-OPERATIONAL LIVING
TOMORROW



CO-OPERATIONAL LIVING STANDARDS



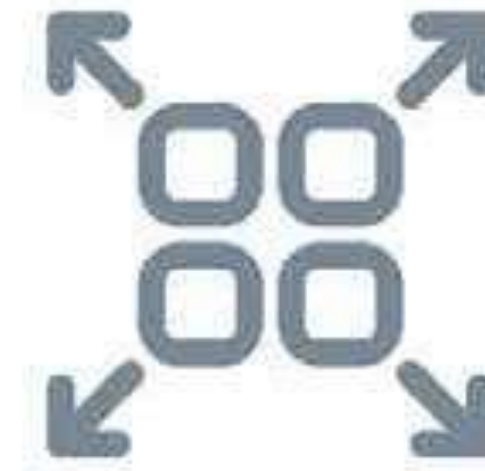




optimized building process



design for disassembly
flexible building model



less CO₂ emissions



"social"
constructability



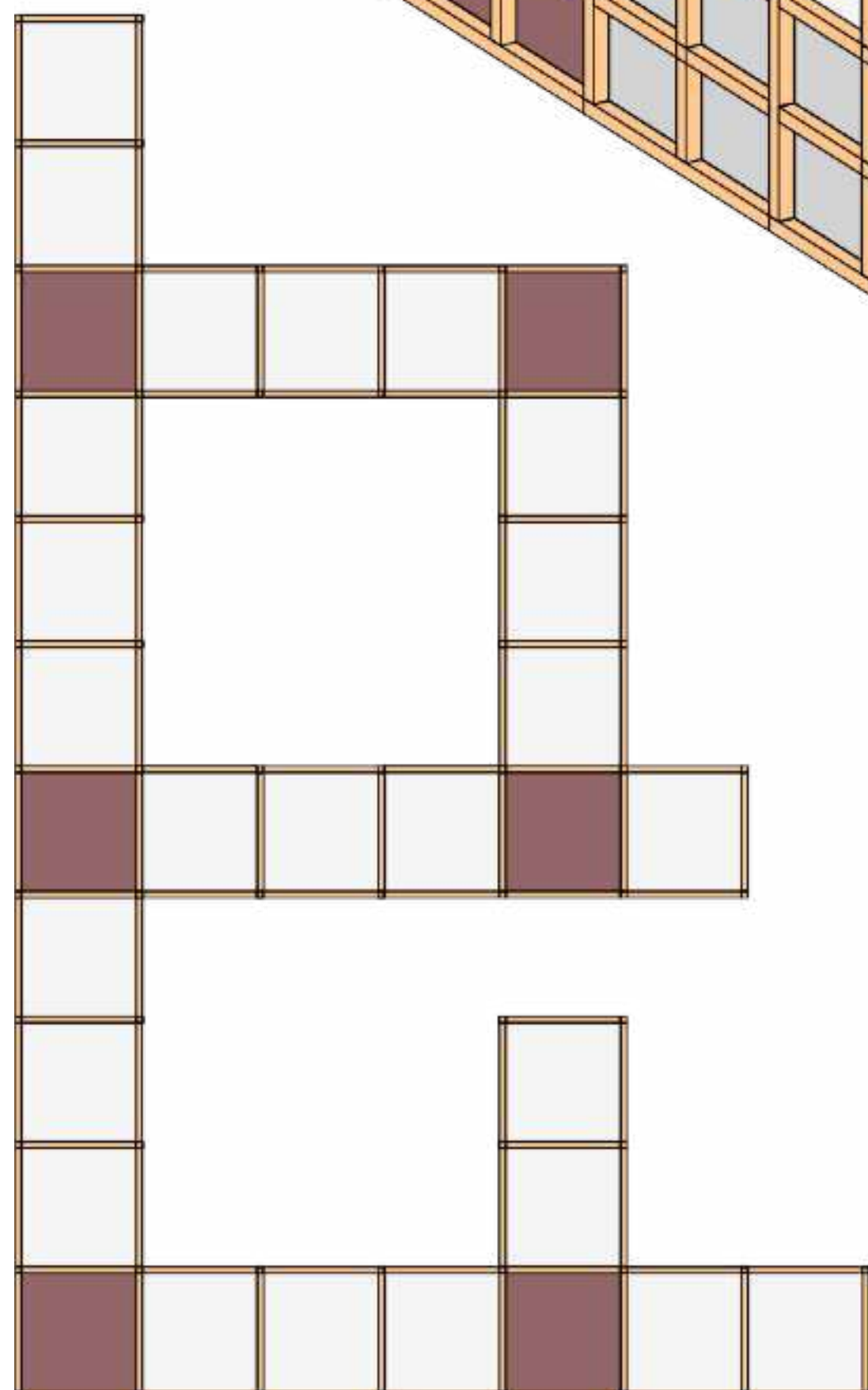
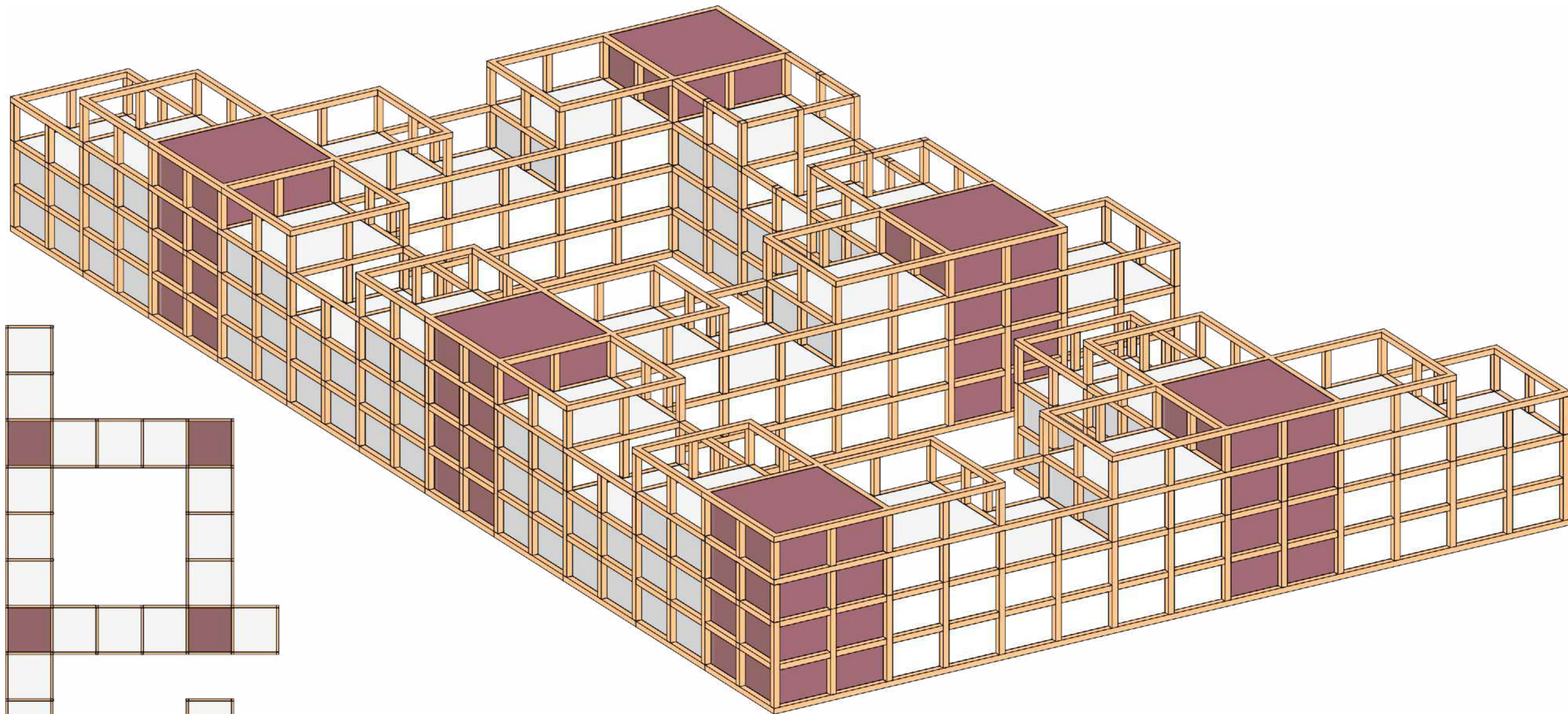
alternative solutions

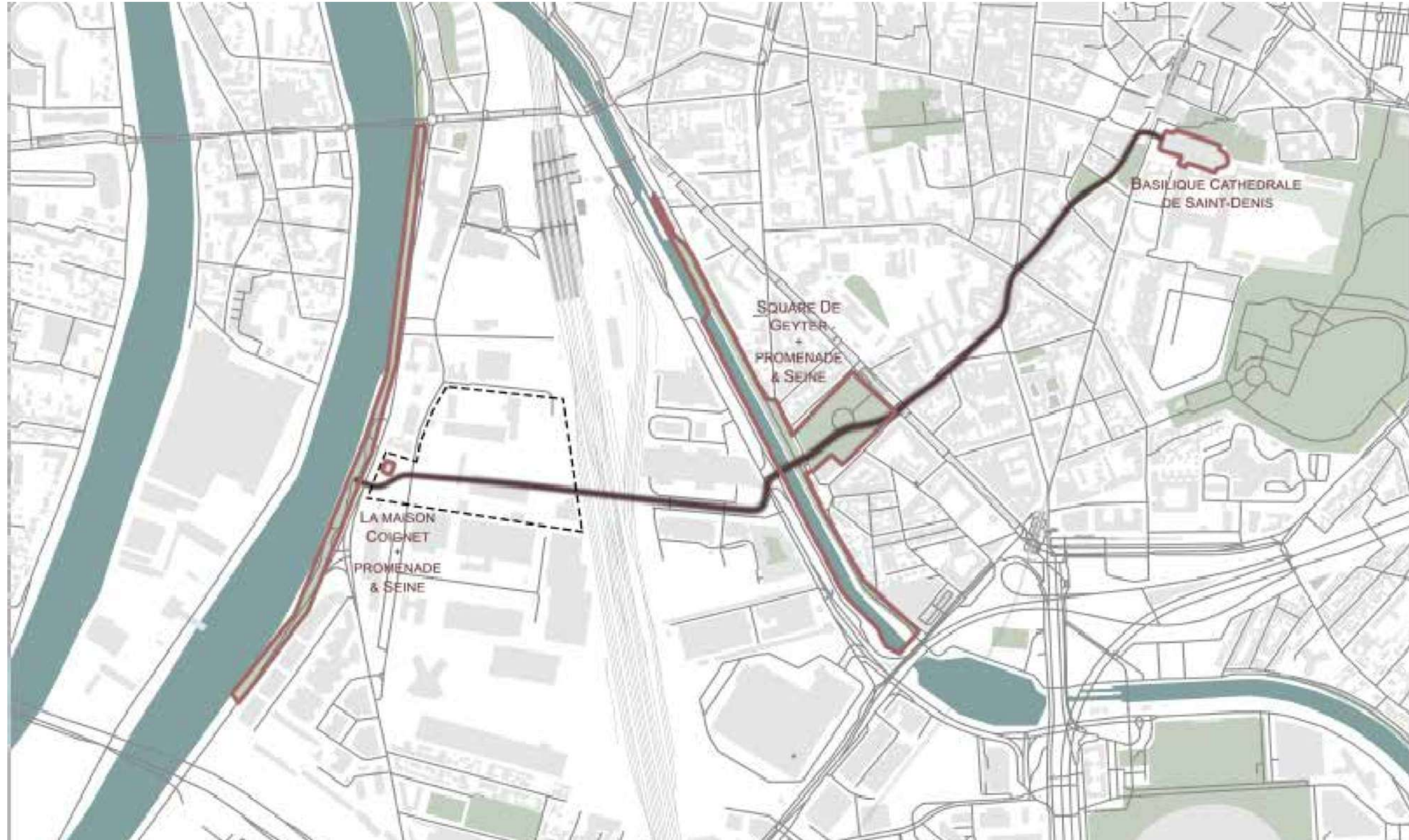


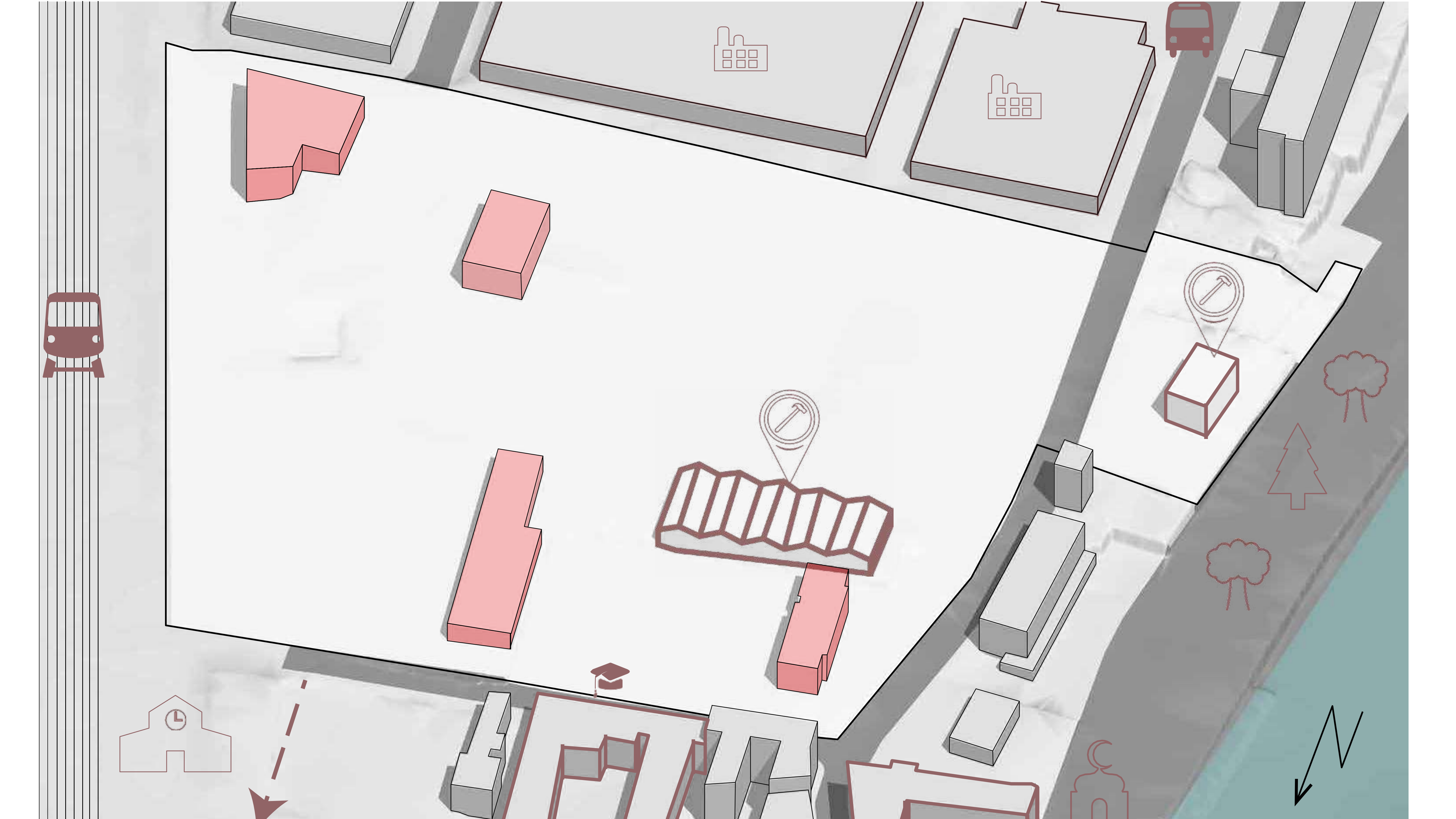
long material cycle

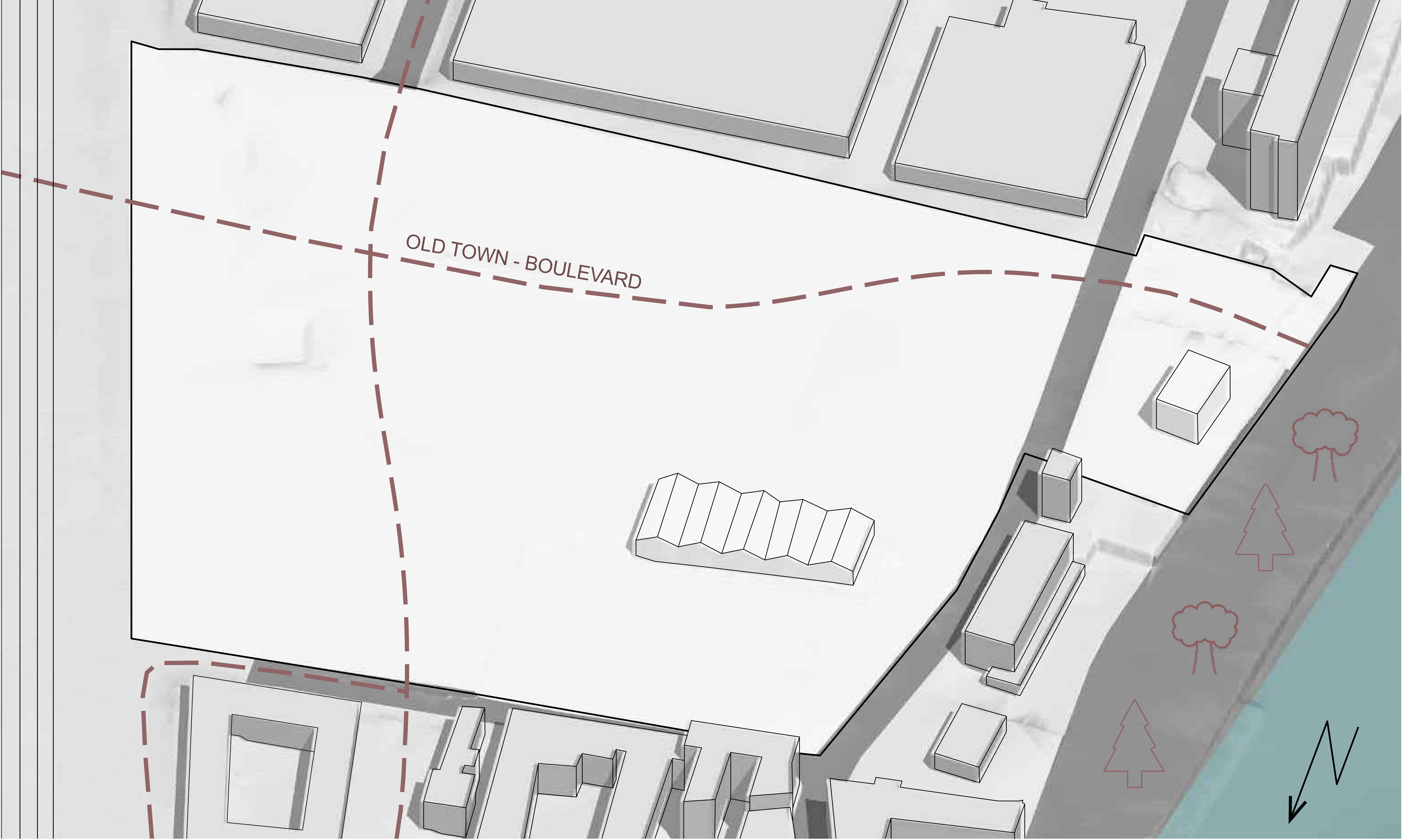


optimised resources

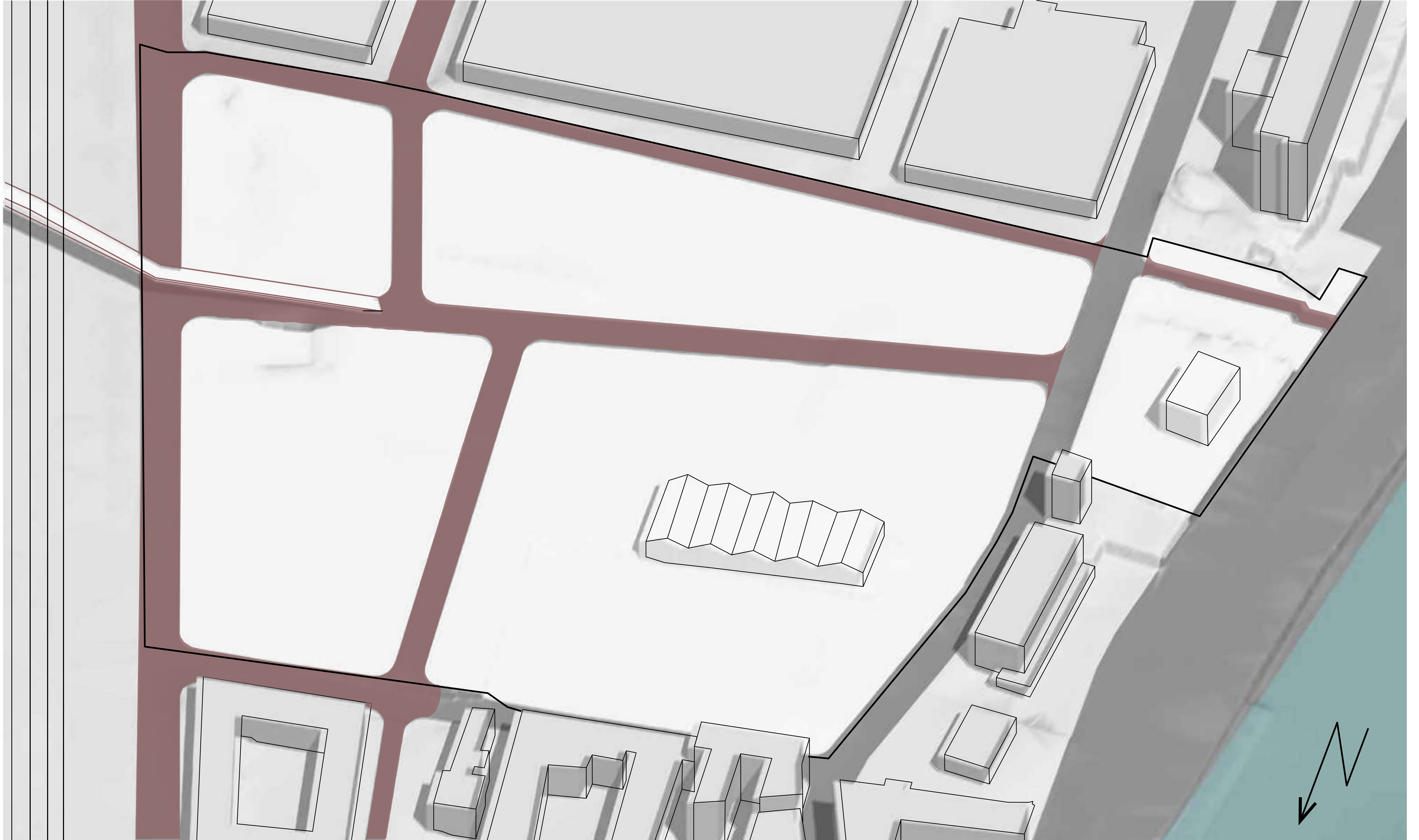




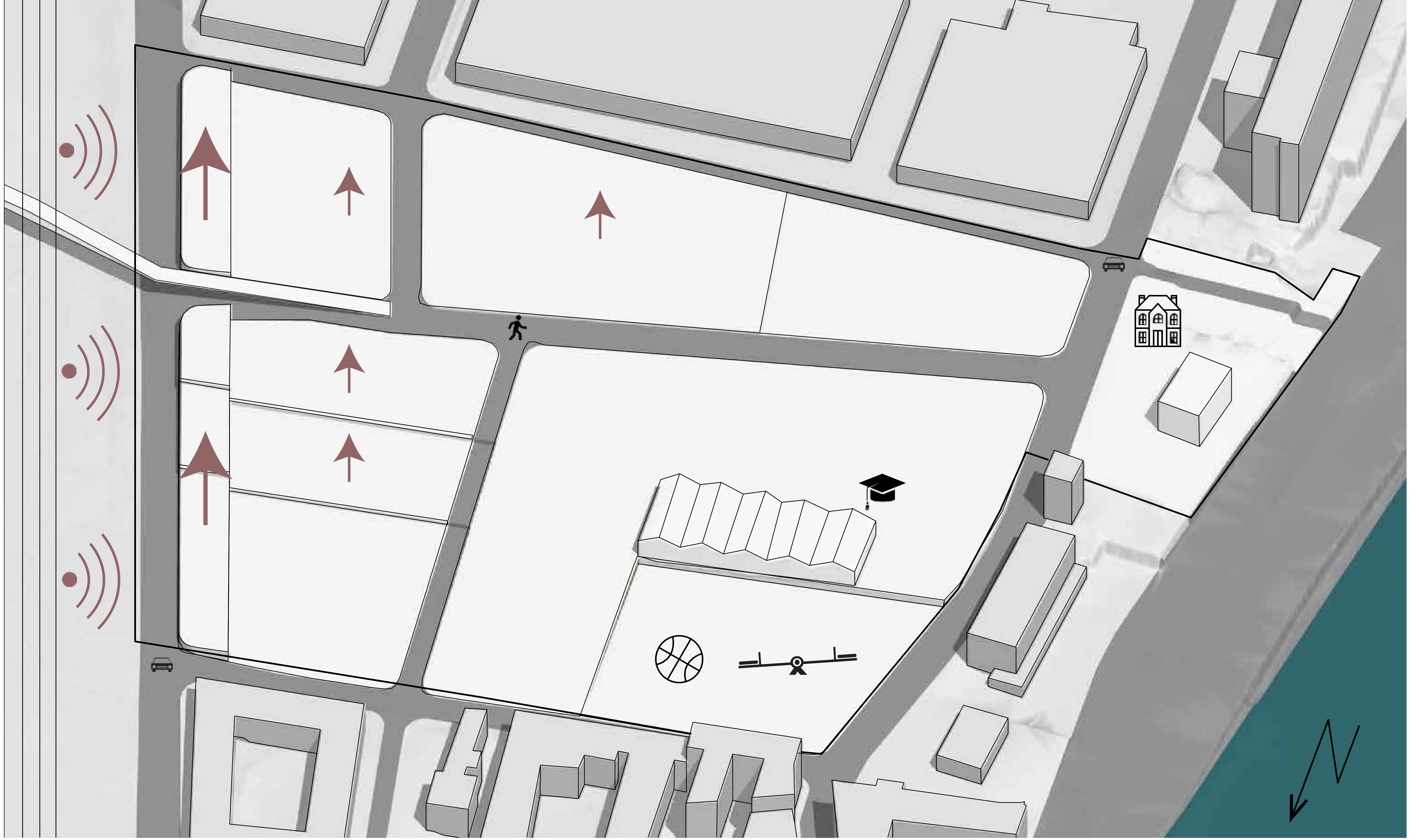


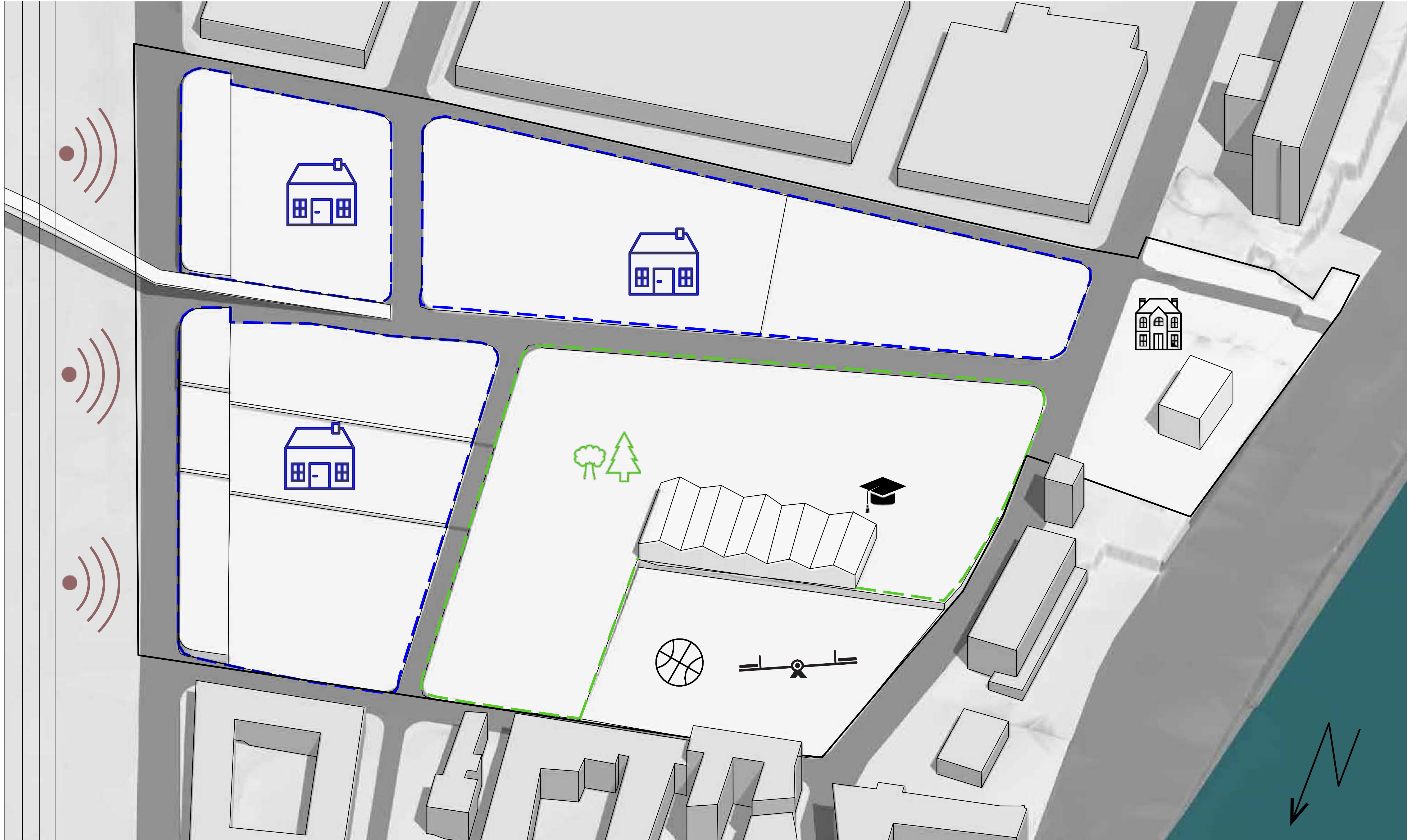


OLD TOWN - BOULEVARD













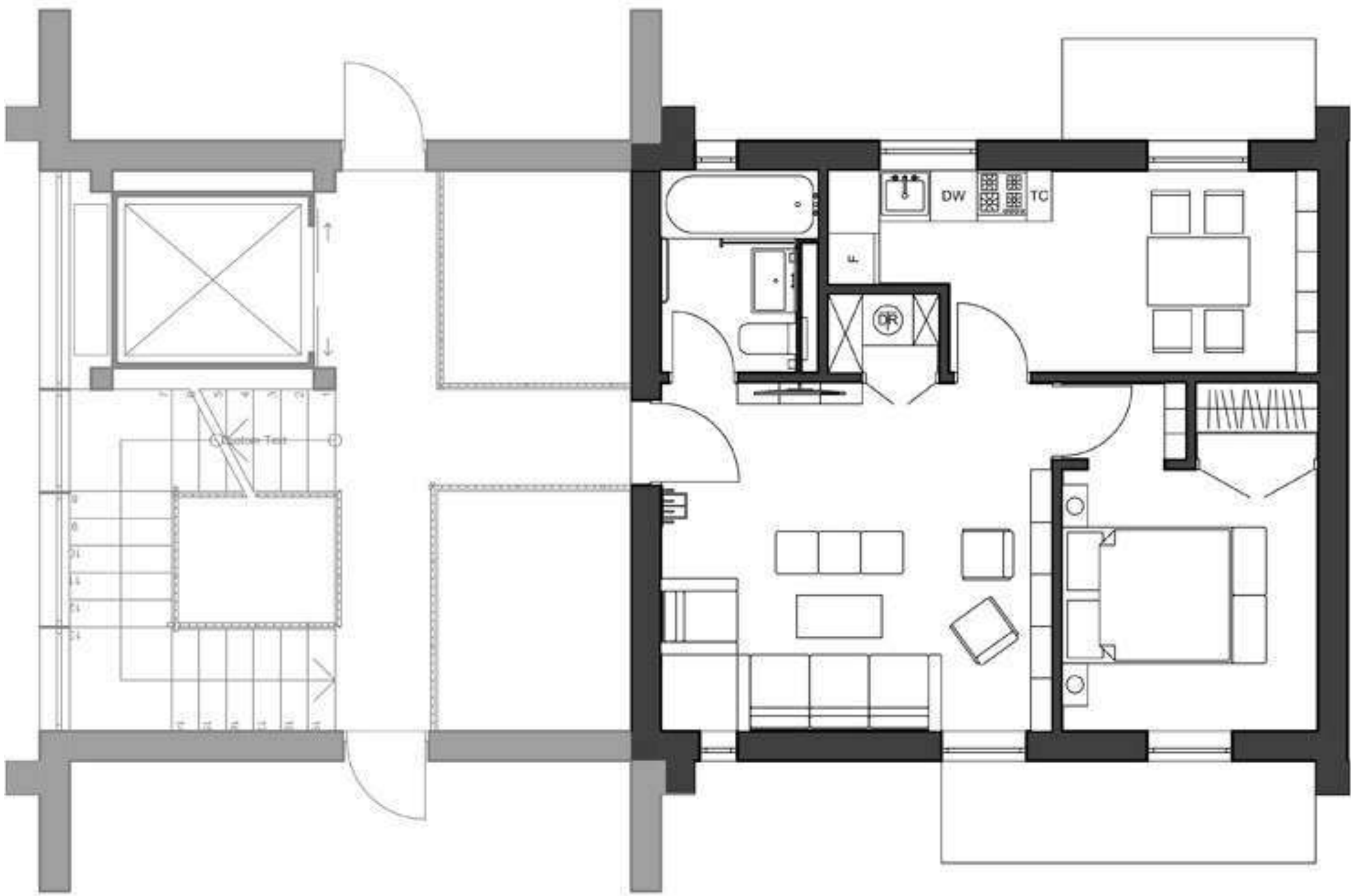






ONE BEDROOM APARTMENT

entryhall bathroom	1,20sqm
storage/laundry	4,40sqm
kitchen	1,20sqm
dining room living room	8,00sqm
bedroom dressing	118,00sqm
	12,00sqm
	2,00sqm
/possible extensions/balconies	8,30sqm
total:54,20sqm /62,5sqm	



TWO BEDROOMS APARTMENT

entry hall

bathroom

storage/laundry

kitchen

living room kids'

bedroom

bedroom

dressing

/possible extensions/balconies

total: 54,60sqm / 62,90sqm

1,20sqm 4,40s

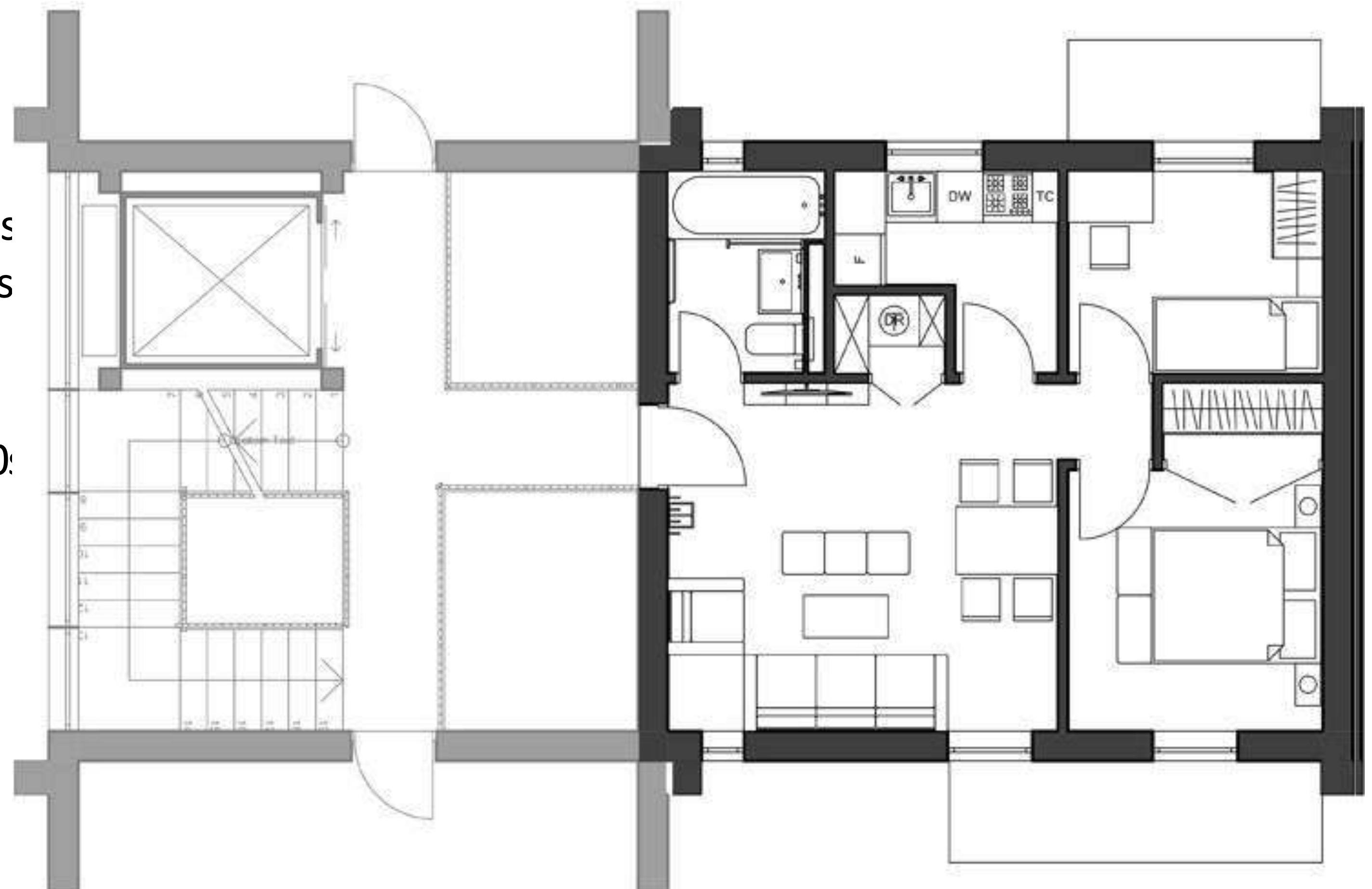
1,20sqm 7,40s

9,00sqm

18,00sqm

12,00sqm 1,40s

8,30sqm

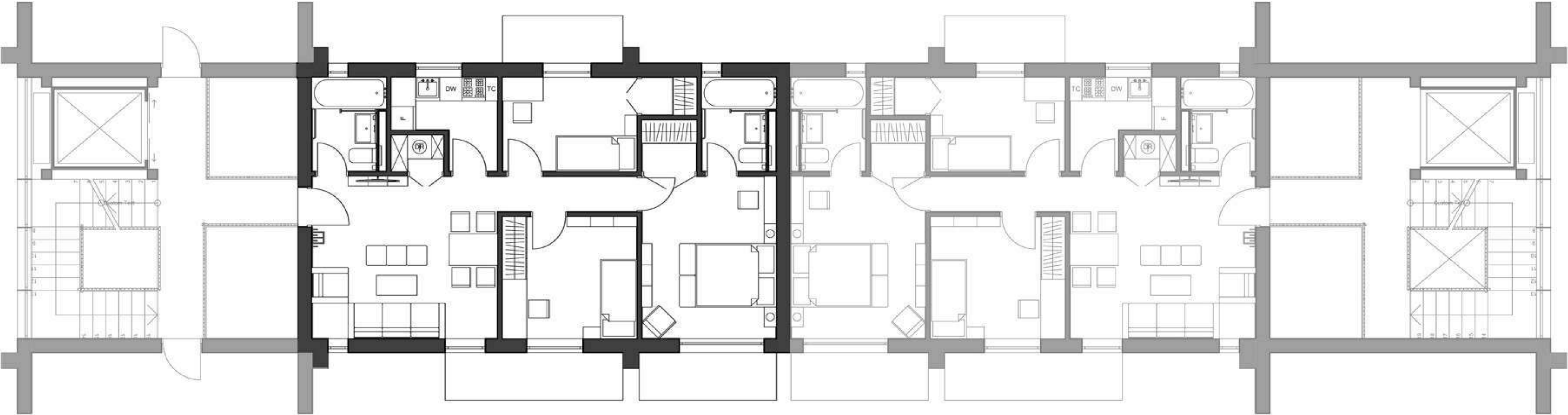


THREE BEDROOMs APARTMENT

entryhall bathroom	1,20sqm
storage/laundry	4,40sqm
kitchen	1,20sqm
living room kid's	7,40sqm
bedroom dressing	18,00sqm
Kid's bedroom	9,00sqm
bedroom dressing	1,30sqm
bathroom	10,20sqm
	113,60sqm
	1,70sqm
	4,40sqm

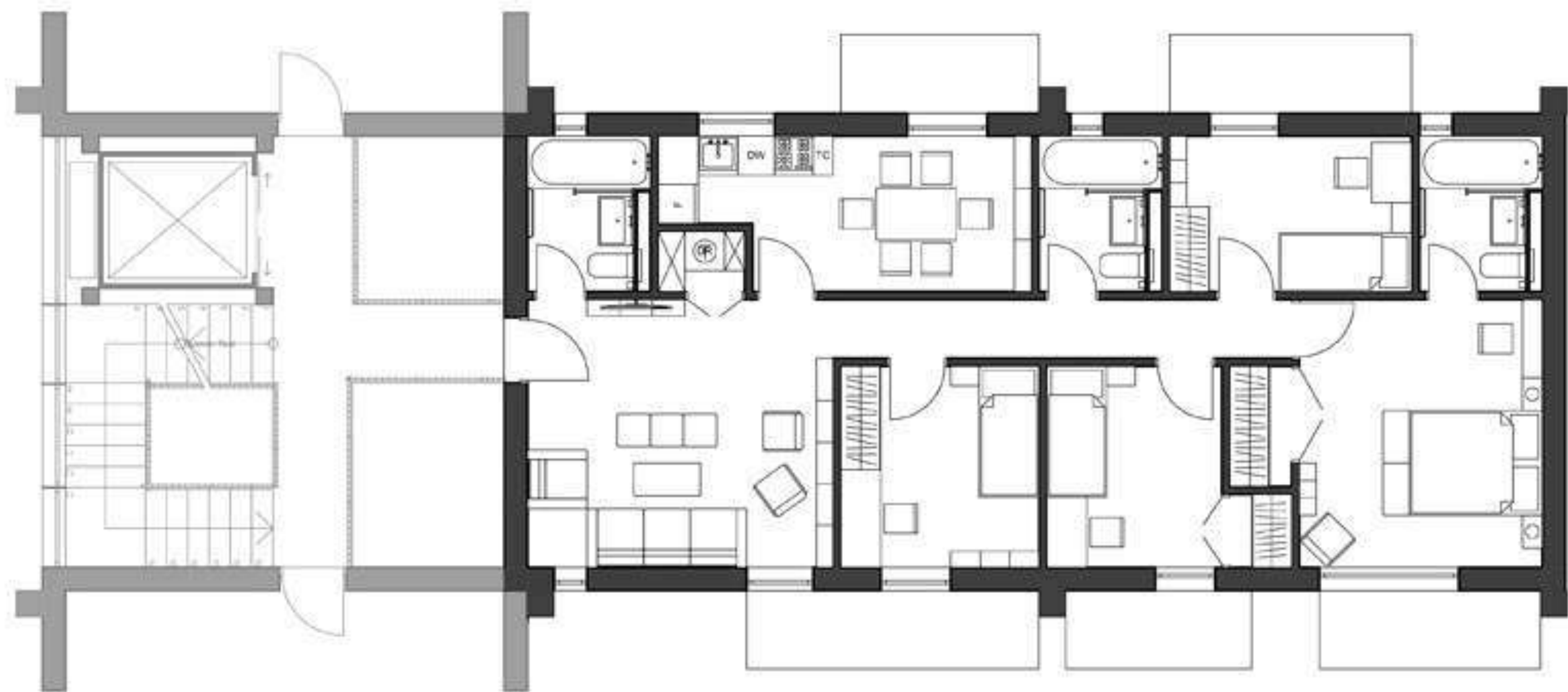
/possible extensions/balconies 12,3sqm

total: 72,40sqm/84,70sqm



FOUR BEDROOMS APARTMENT

entryhall bathroom	1,20sqm
storage/laundry	4,40sqm
kitchen dining	1,20sqm
room living room	7,40sqm
kids' bedroom	9,00sqm
dressing	18,00sqm
kids' bedroom	9,20sqm
bathroom kids'	1,00sqm
bedroom	9,20sqm
bedroom dressing	4,40sqm
bathroom	9,00sqm
/possible extensions/balconies total:	13,60sqm
93,70sqm / 15,50sqm	1,70sqm
	4,40sqm
	21,90sqm



FIVE BEDROOMS APARTMENT

entry hall	1,20sqm	hallway	7,50sqm
bathroom	4,40sqm	storage/laundry	1,20sqm
storage/laundry	1,20sqm	bedroom	13,30sqm
kitchen dining	7,40sqm	kids' bedroom	9,00sqm
room living room	9,00sqm	kids' bedroom	9,00sqm
staircase bedroom	118,00sqm	bathroom	4,40sqm
dressing	9,20sqm	bedroom	13,8sqm
bathroom	13,60sqm	dressing	2,30sqm
	1,70sqm	bathroom	4,40sqm
	4,40sqm		

/possible extensions/balconies

31,20sqm

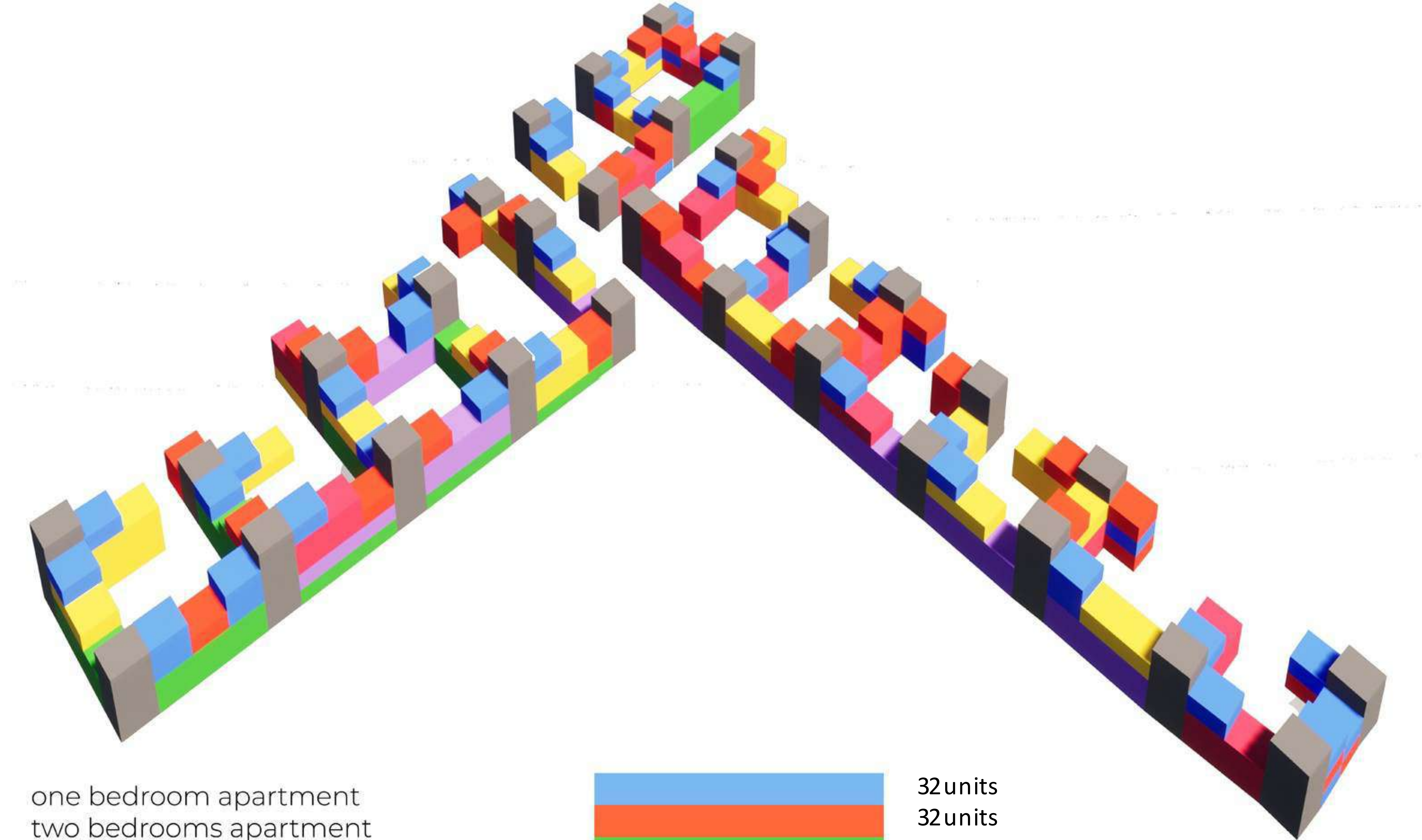
total: 135,00sqm/166,20sqm



SIX BEDROOMS APARTMENT

entryhall	1,20sqm
bathroom	4,40sqm
storage/laundry	1,20sqm
kitchen dining	7,40sqm
room living room	9,00sqm
staircase	18,00sqm
bathroom kids'	9,20sqm
bedroom dressing	4,40sqm
kids'bedroom	9,00sqm
bedroom	1,70sqm
dressing	9,00sqm
bathroom	13,60sqm
	2,00sqm
hallway	4,40sqm
storage/laundry	
bedroom dressing	7,50sqm
kids'bedroom	1,20sqm
second living area	113,80sqm
bathroom bedroom	4,40sqm
dressing bathroom	9,00sqm
	6,00sqm
	4,40sqm
	113,80sqm
	2,30sqm
	4,40sqm
/possible extensions/balconies	37,00sqm
total: 16,30sqm/198,30sqm	








one bedroom apartment
two bedrooms apartment
three bedrooms apartment
four bedrooms apartment
five bedrooms apartment
six bedrooms apartment
vertical connections - staircases/elevator



32units
32units
66 units
67 units
30 units
30 units
30 units



-  Parking entrance
-  Building entrance
-  Site border

257 Apartments
1. Maison Coignet
2. School
3. Kindergarten





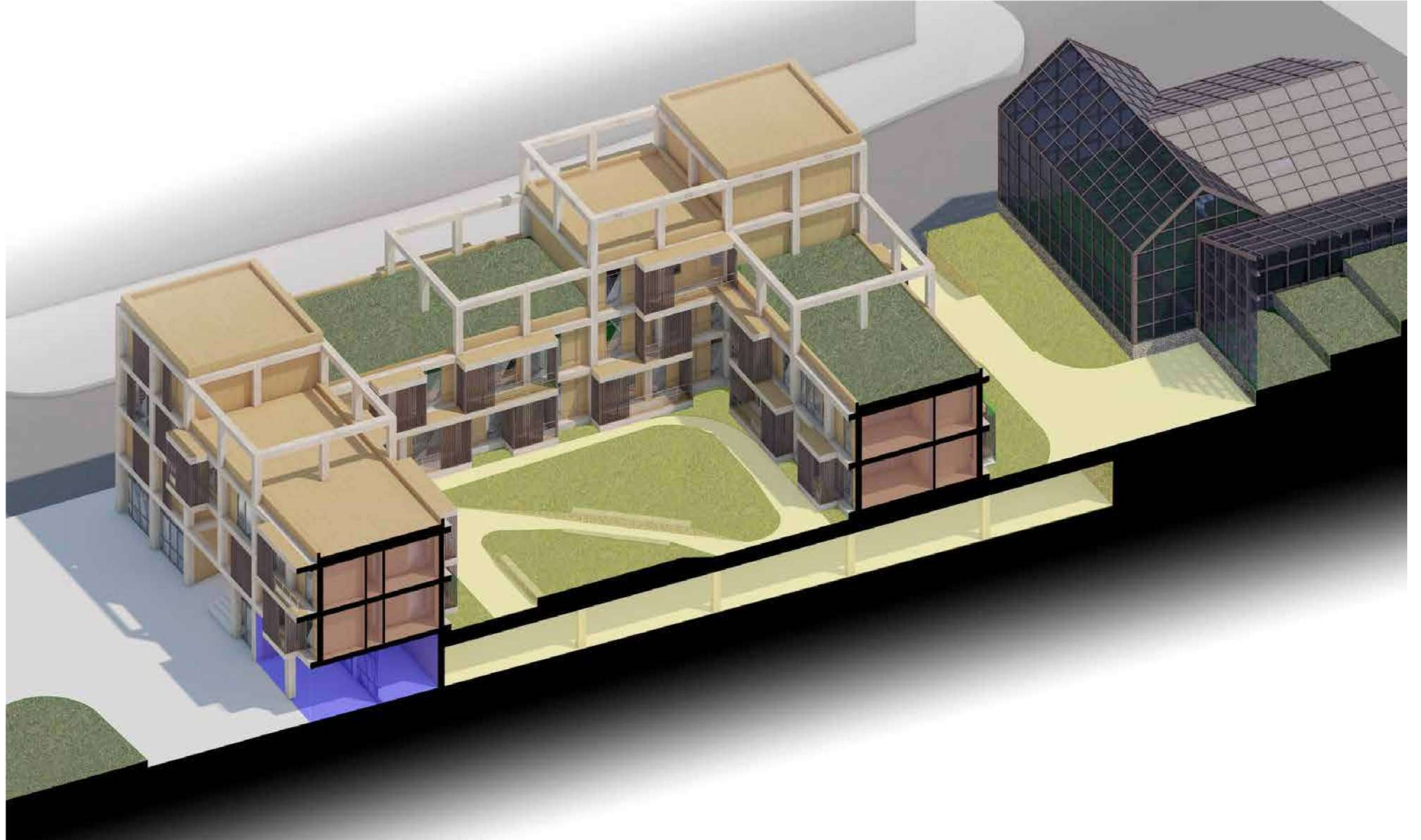


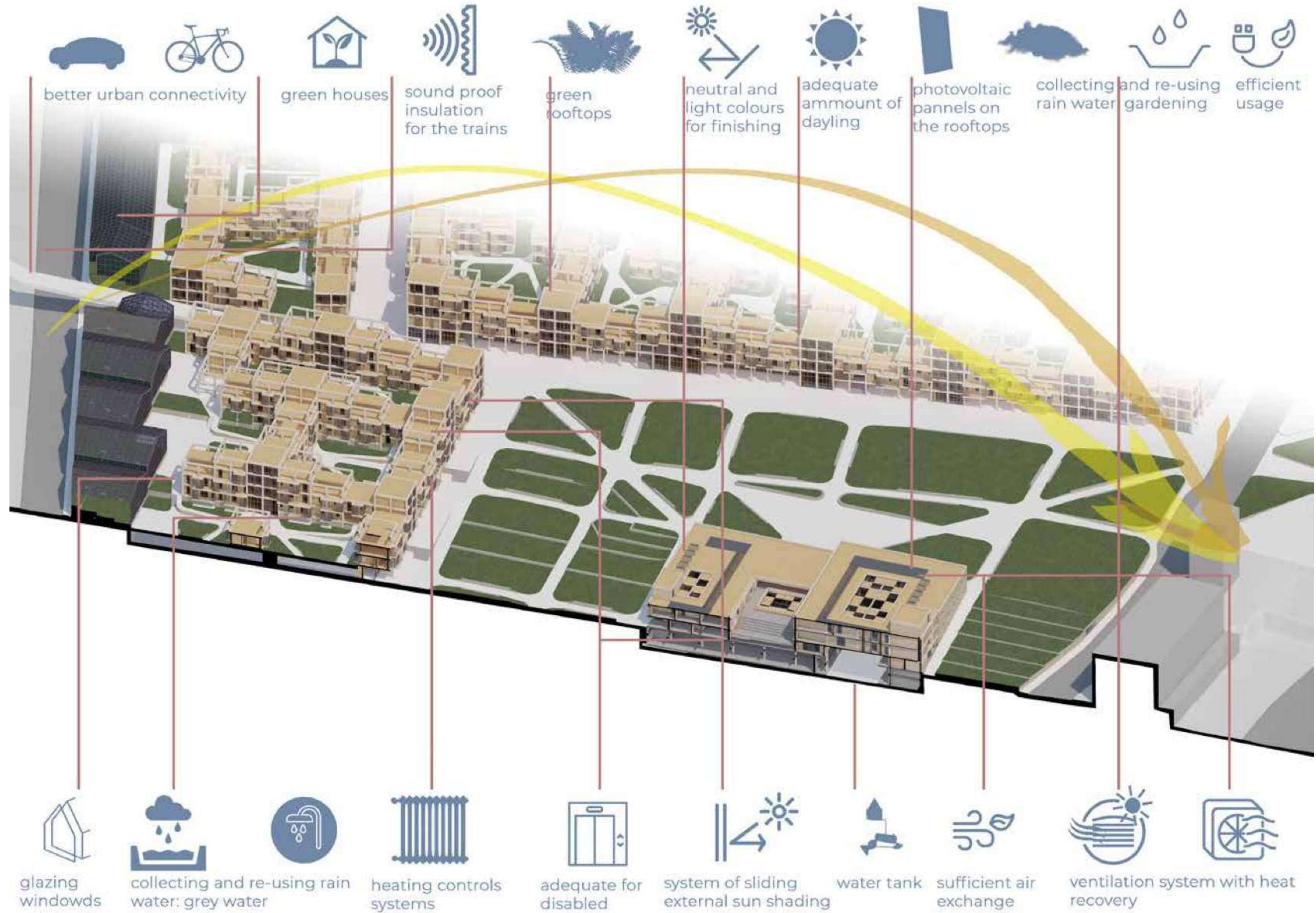


















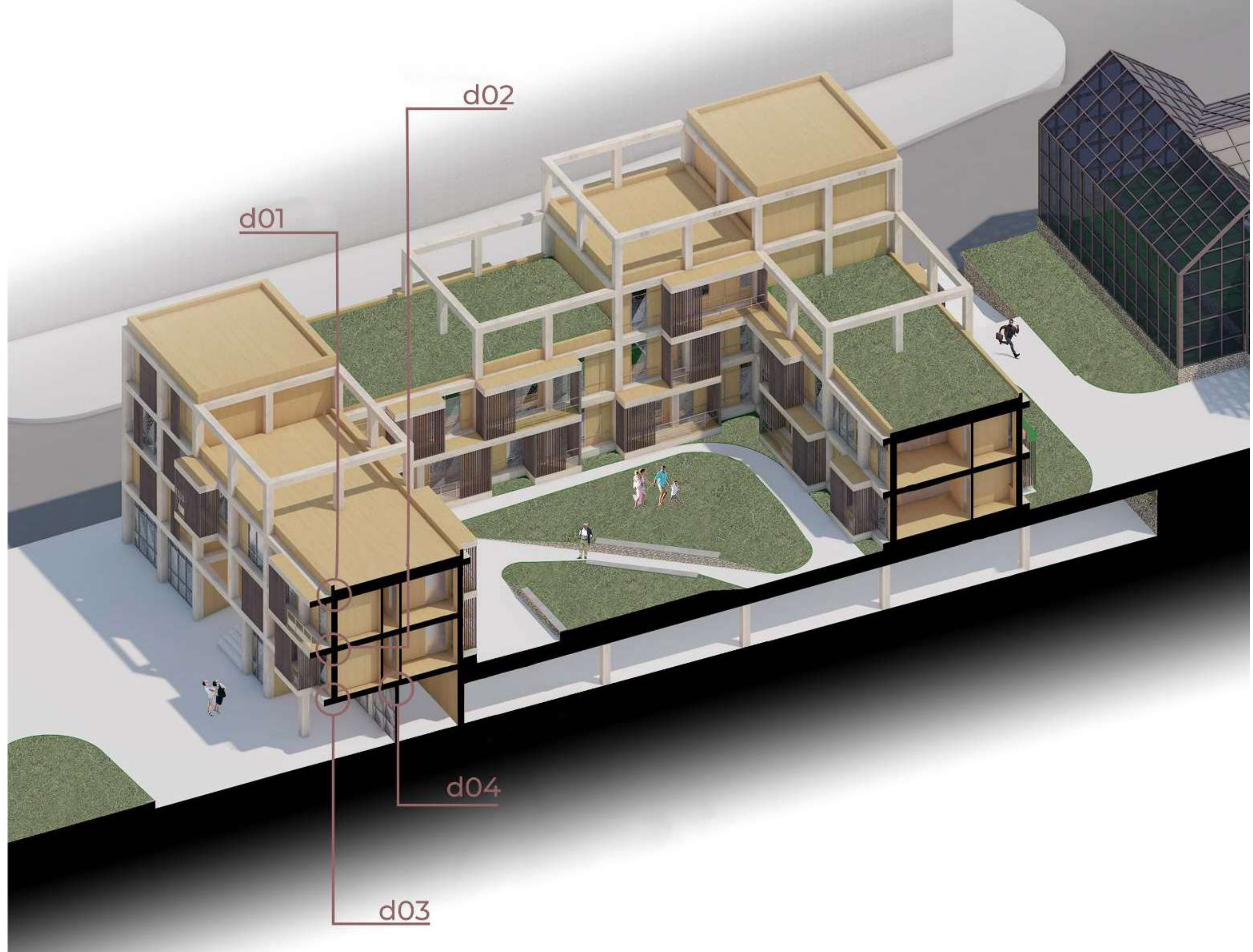


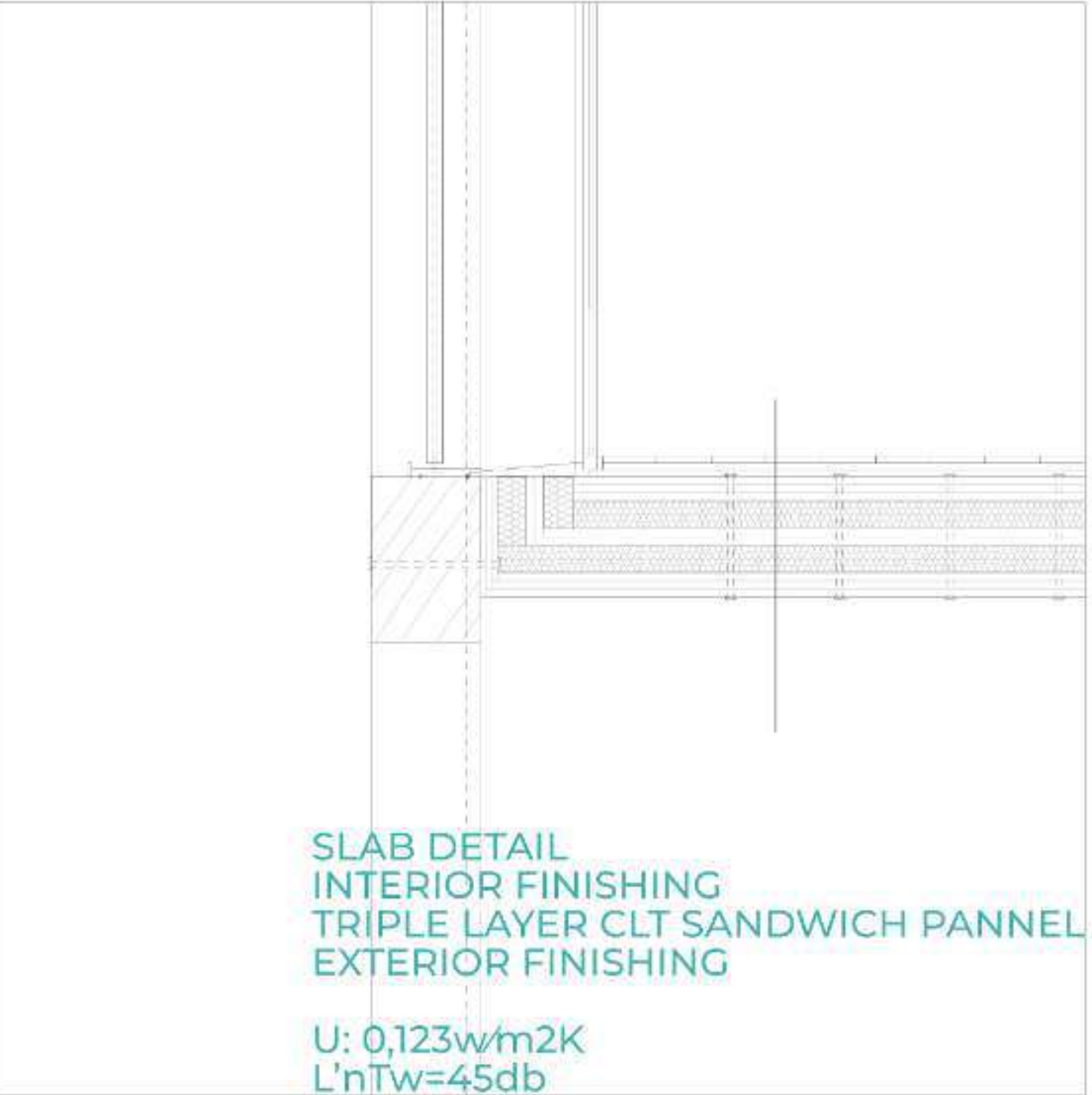
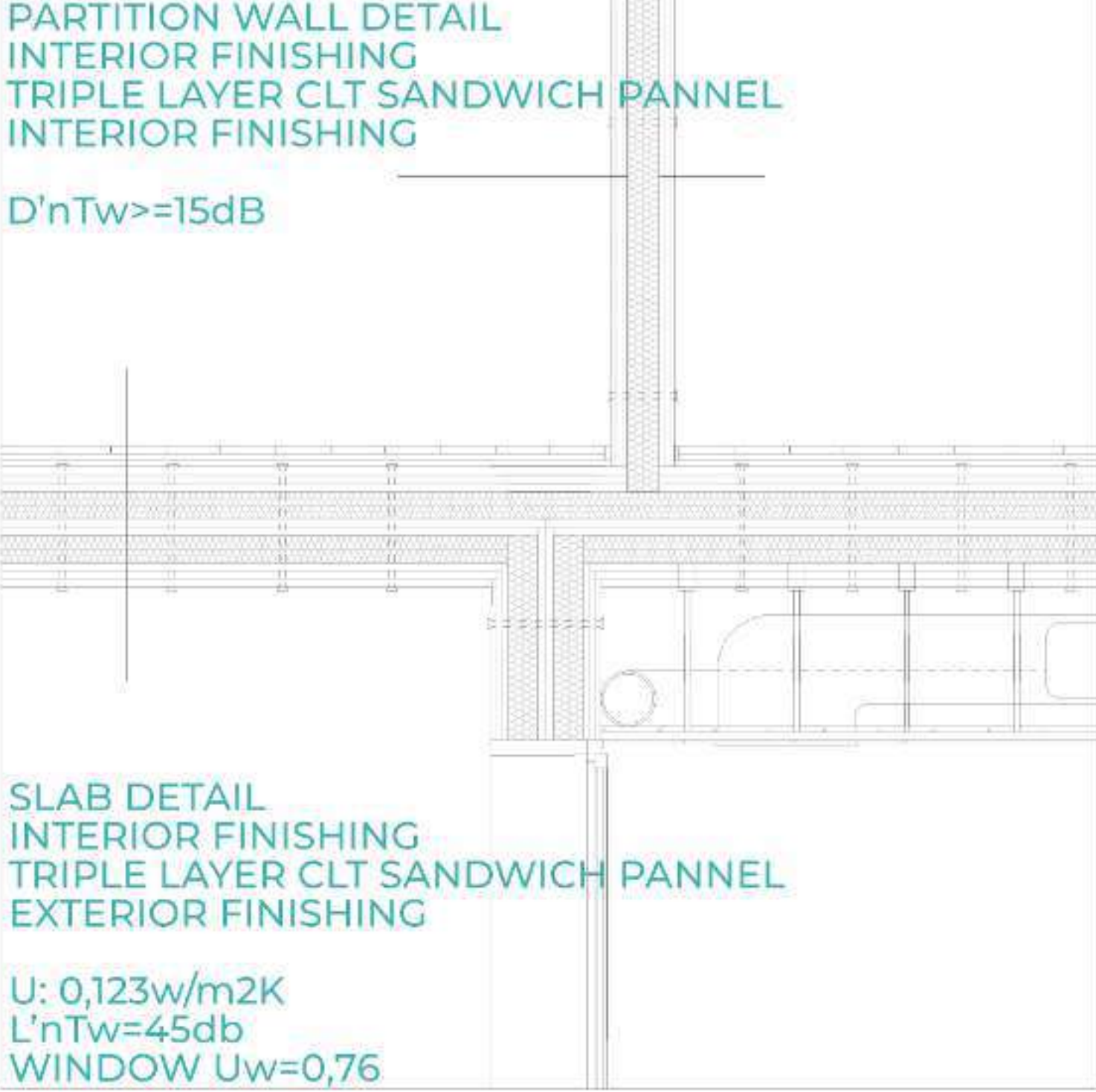
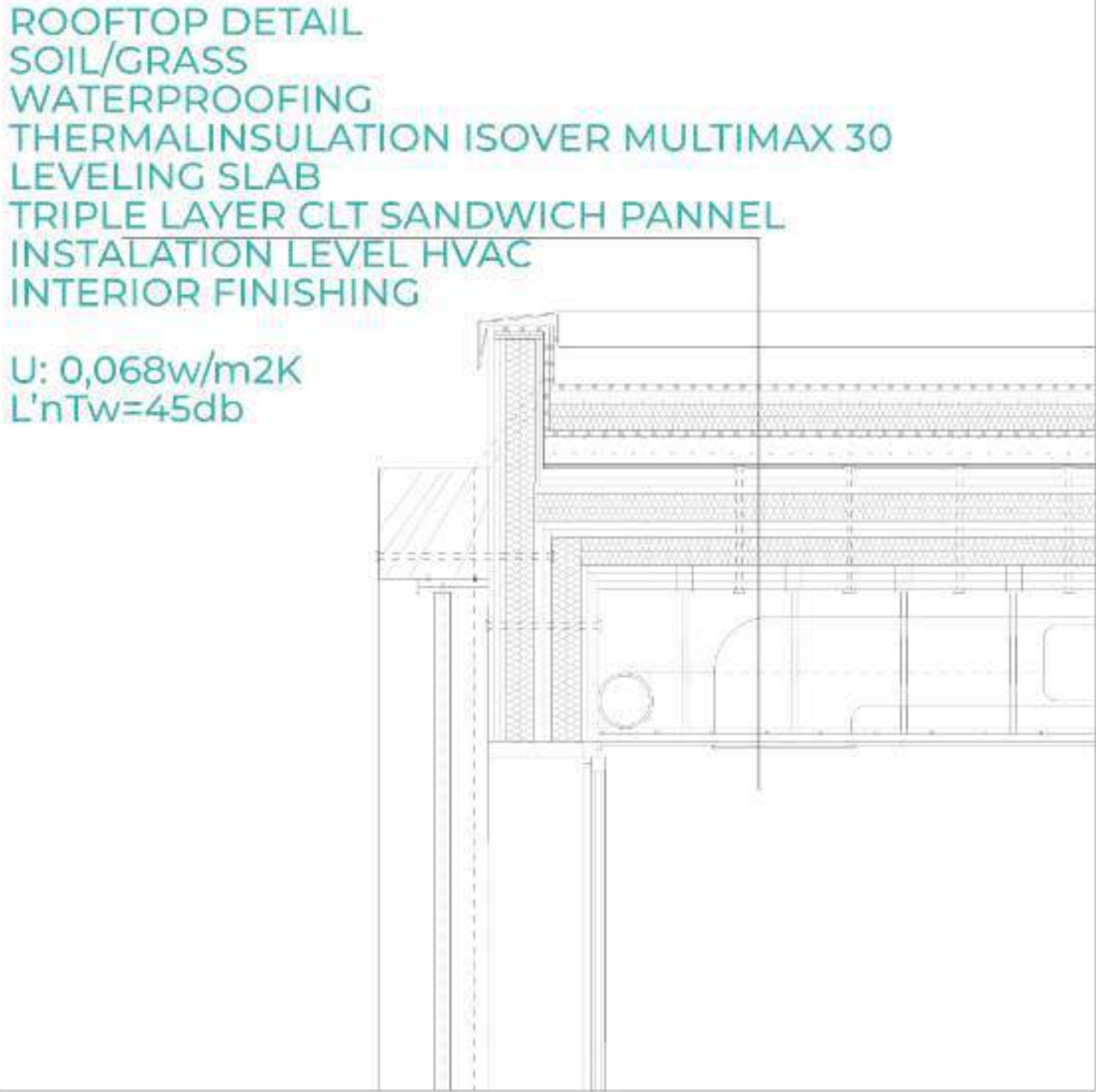












CALLCULATIONS MCH DESIGNER

ANNUAL HEAT DEMAND 10.43kWh/m2a
ANNUAL COOLING DEMAND 14.62kWh/m2a
OVERHEATING 0.00%

