

AUGUST 2011



FEBRUARY 2012



Current Course of Events

Aims & Strategy

Execution: Urban & Architecture

Future Scenario's

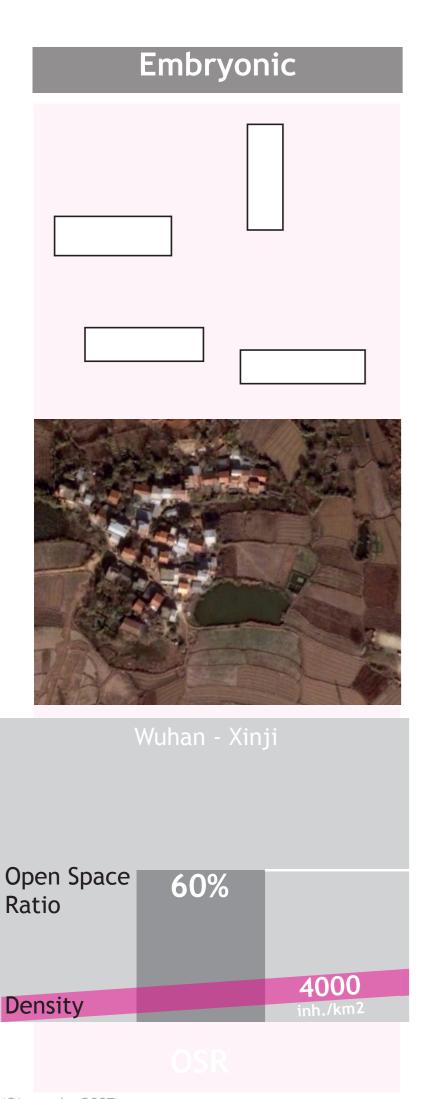
Current Course of Events

Aims & Strategy

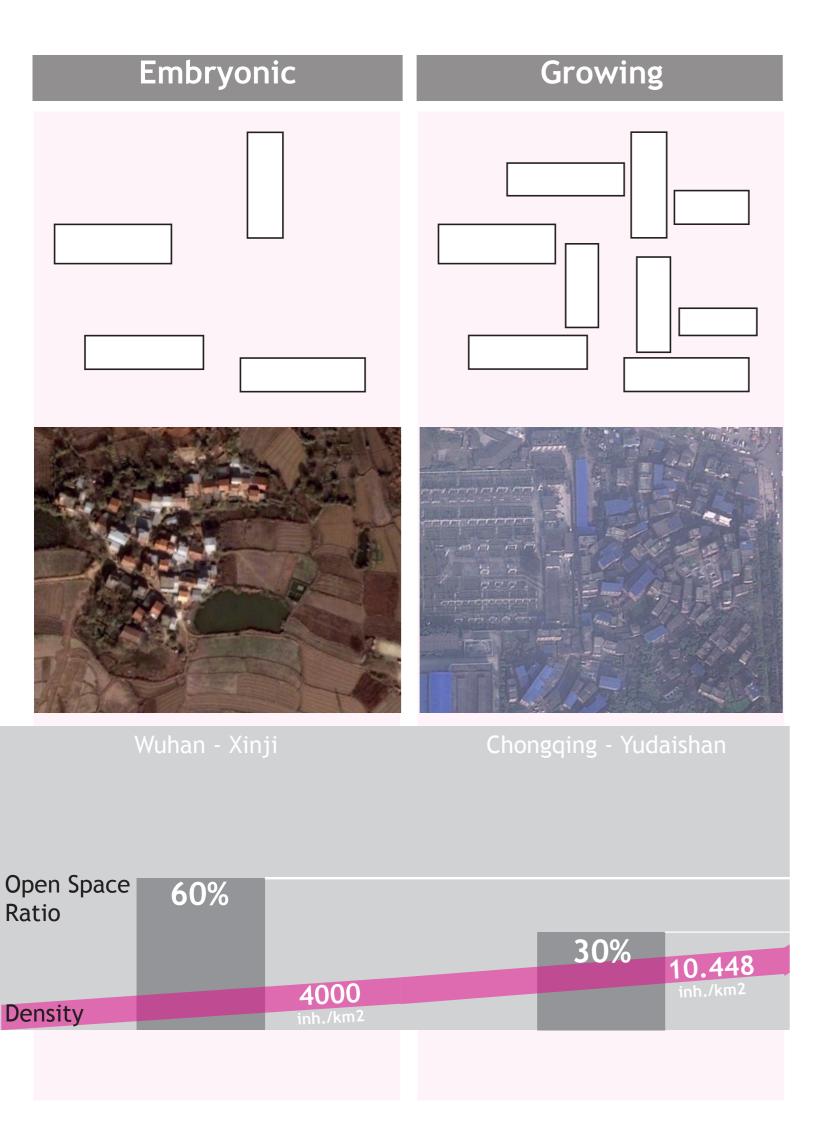
Execution: Urban & Architecture

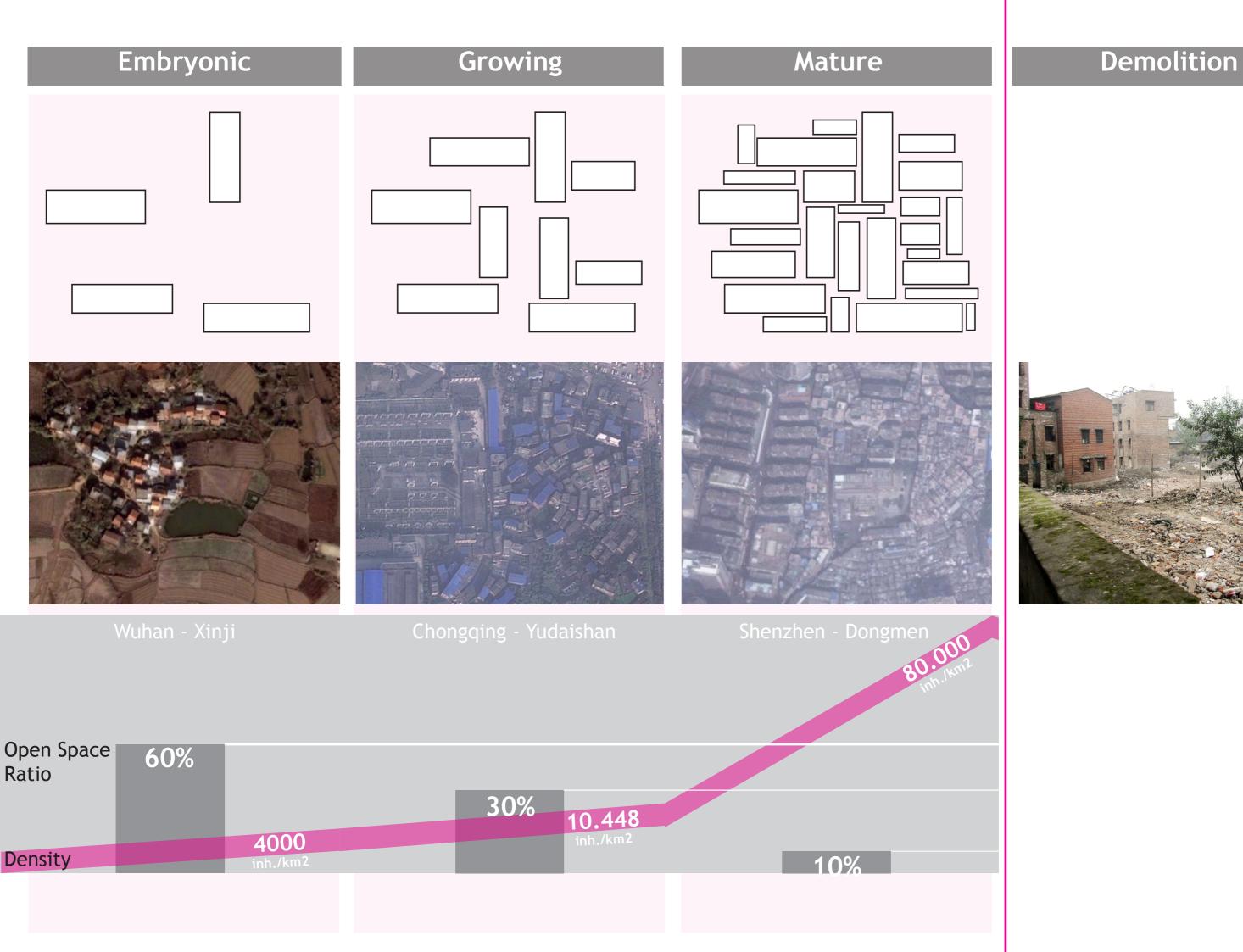
Future Scenario's

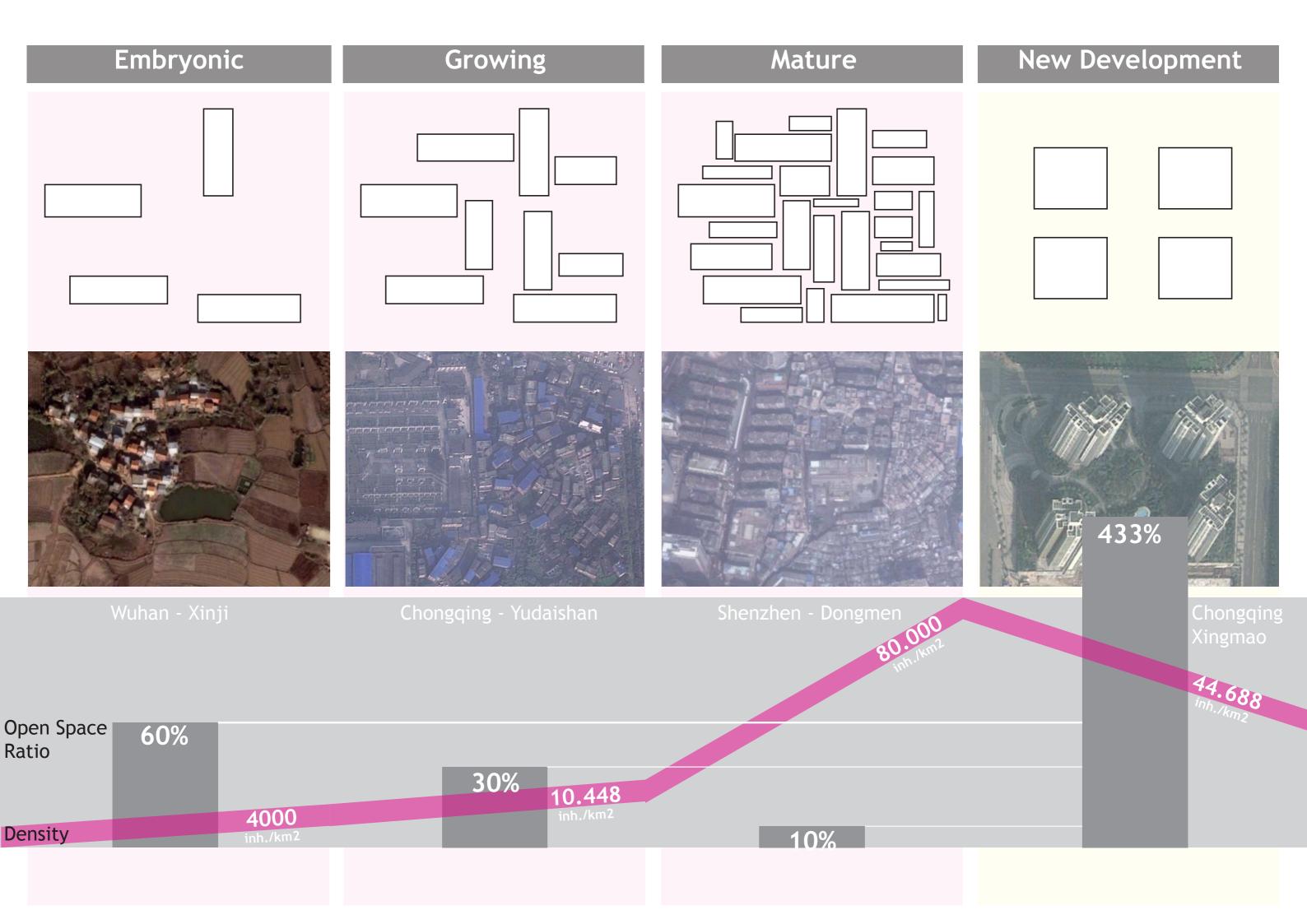
Current Spatial Development



(Qi, et al., 2007)







Current Economical Development

Local Governments

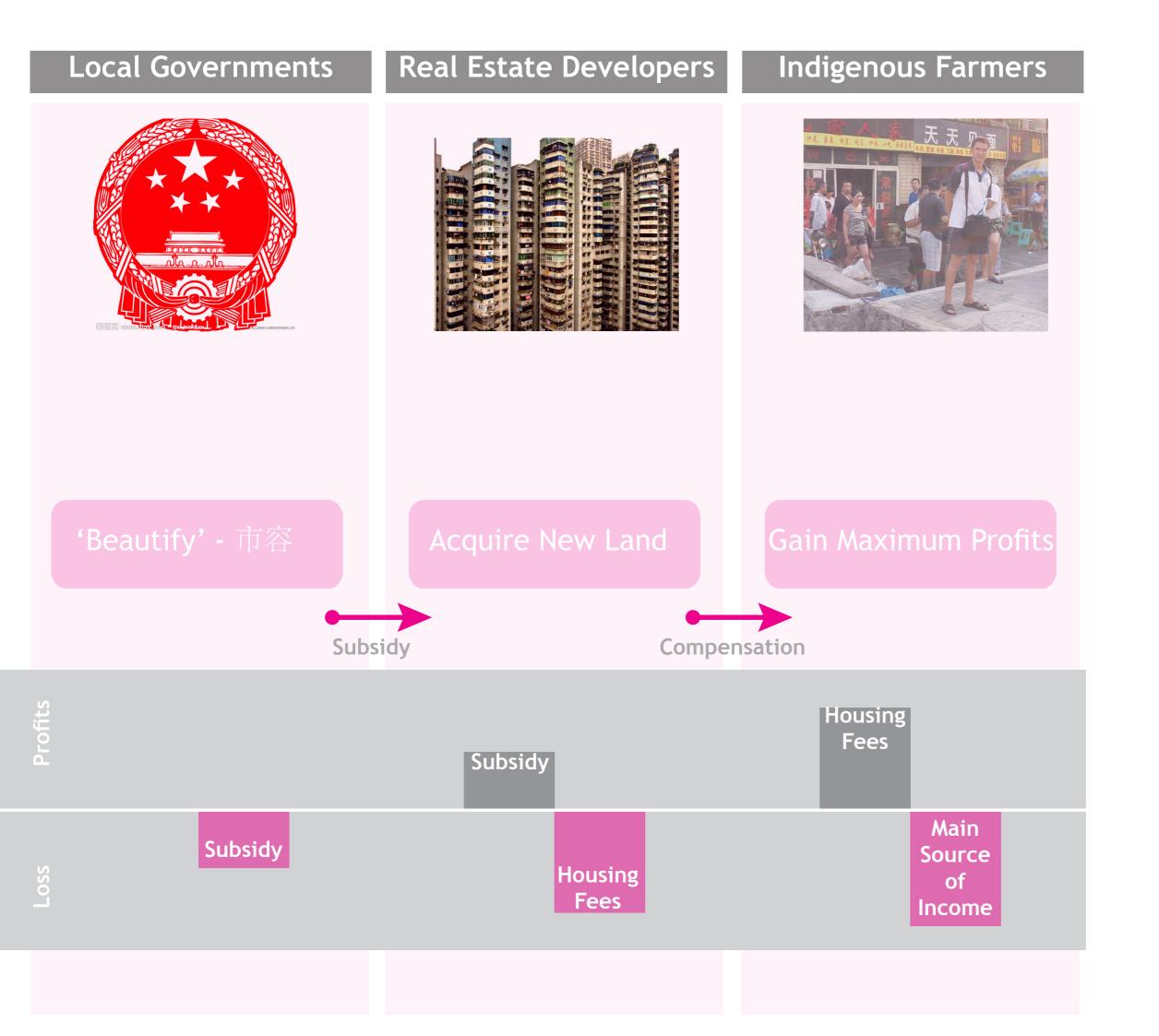


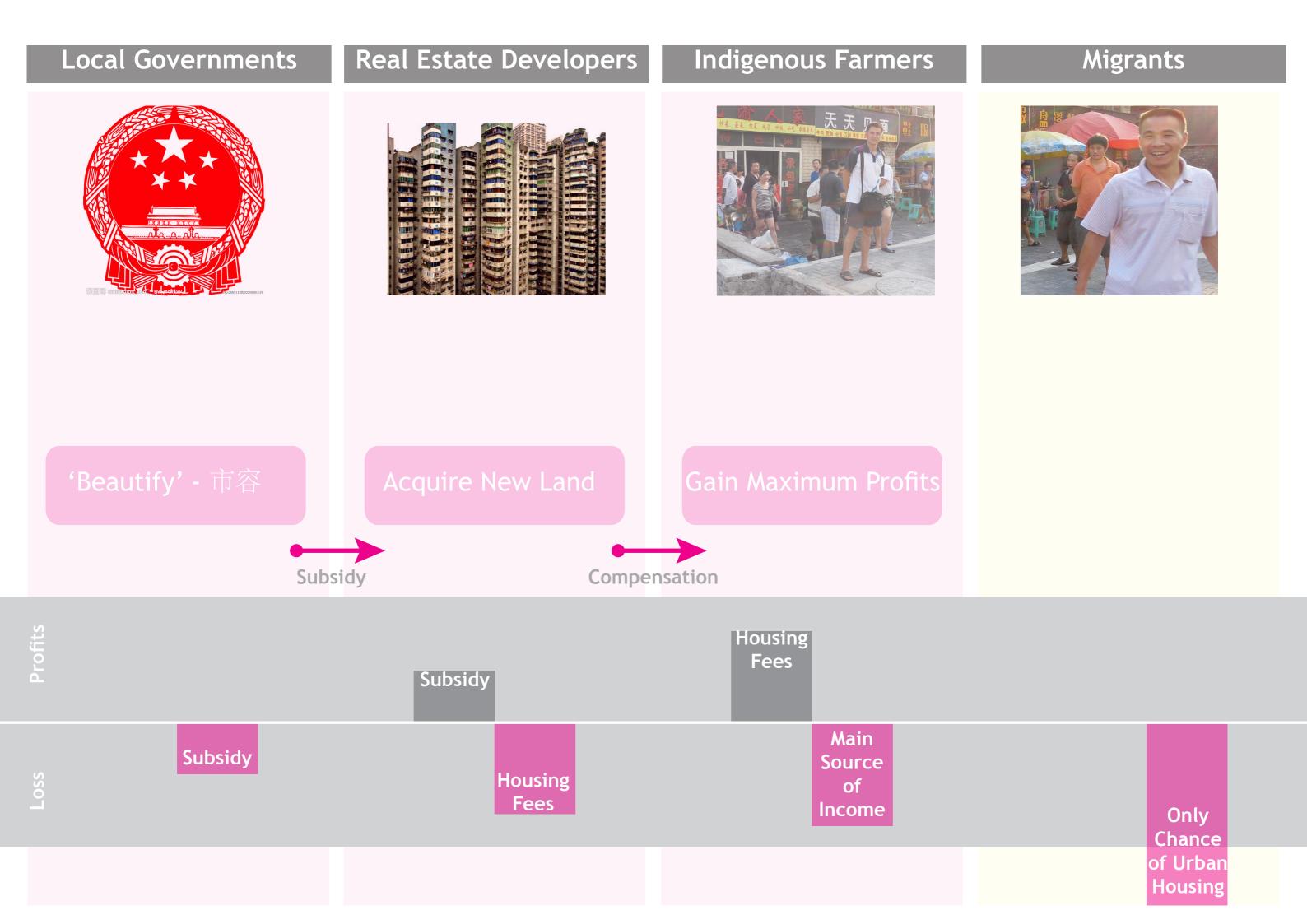
'Beautify' - 市容

Profits

Subsidy

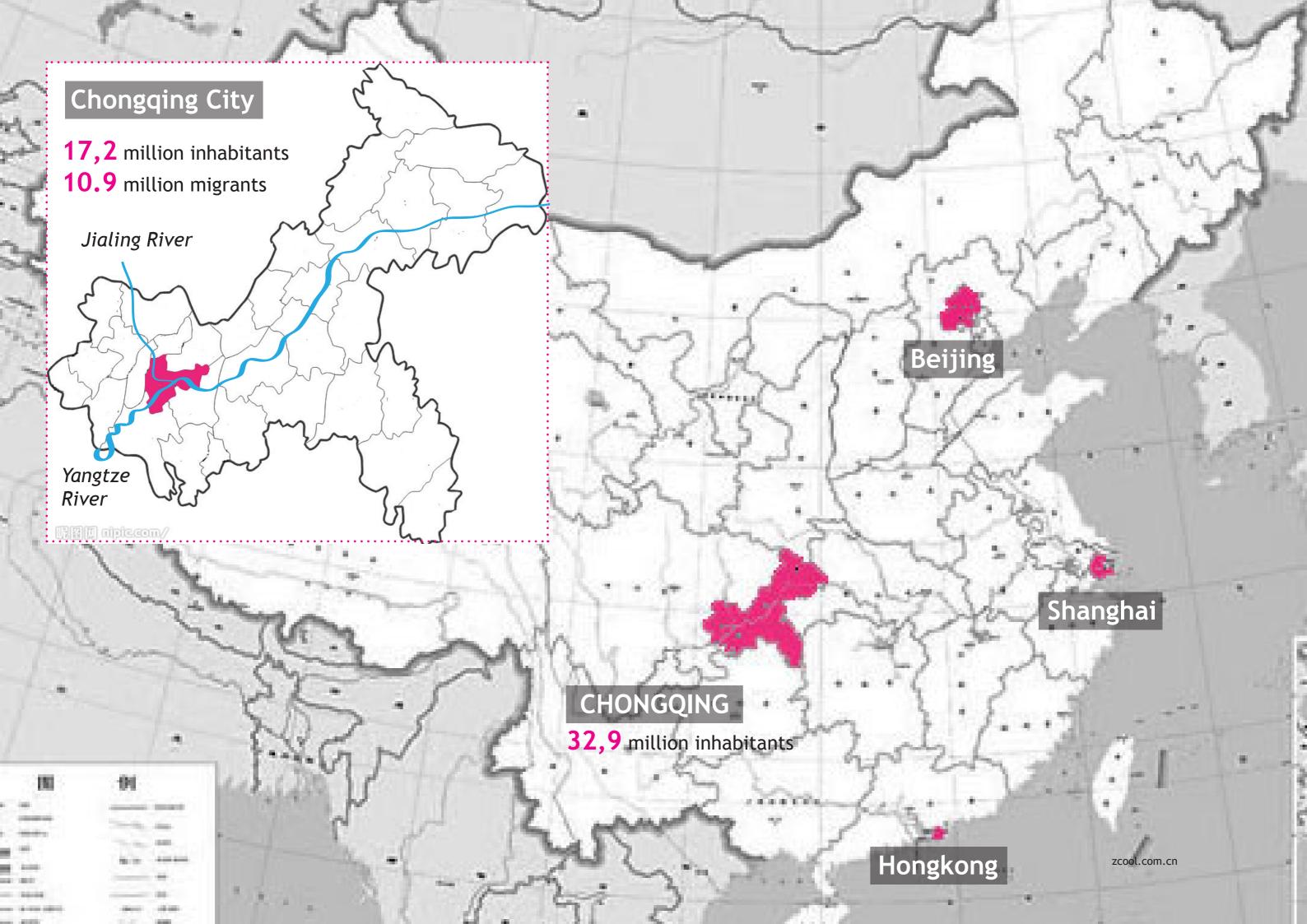
Real Estate Developers Local Governments 'Beautify' - 市容 Subsidy Subsidy Subsidy Housing Fees

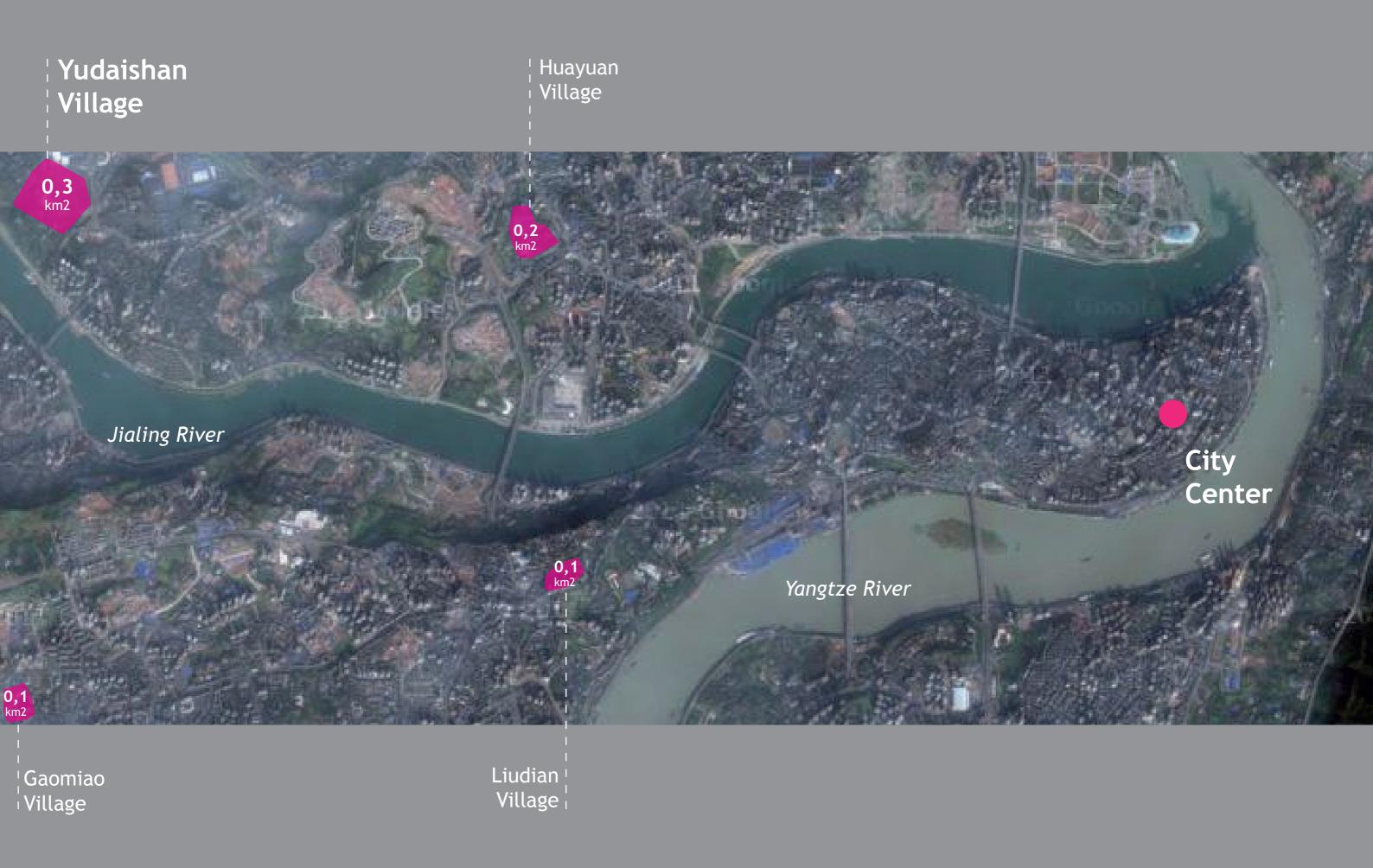


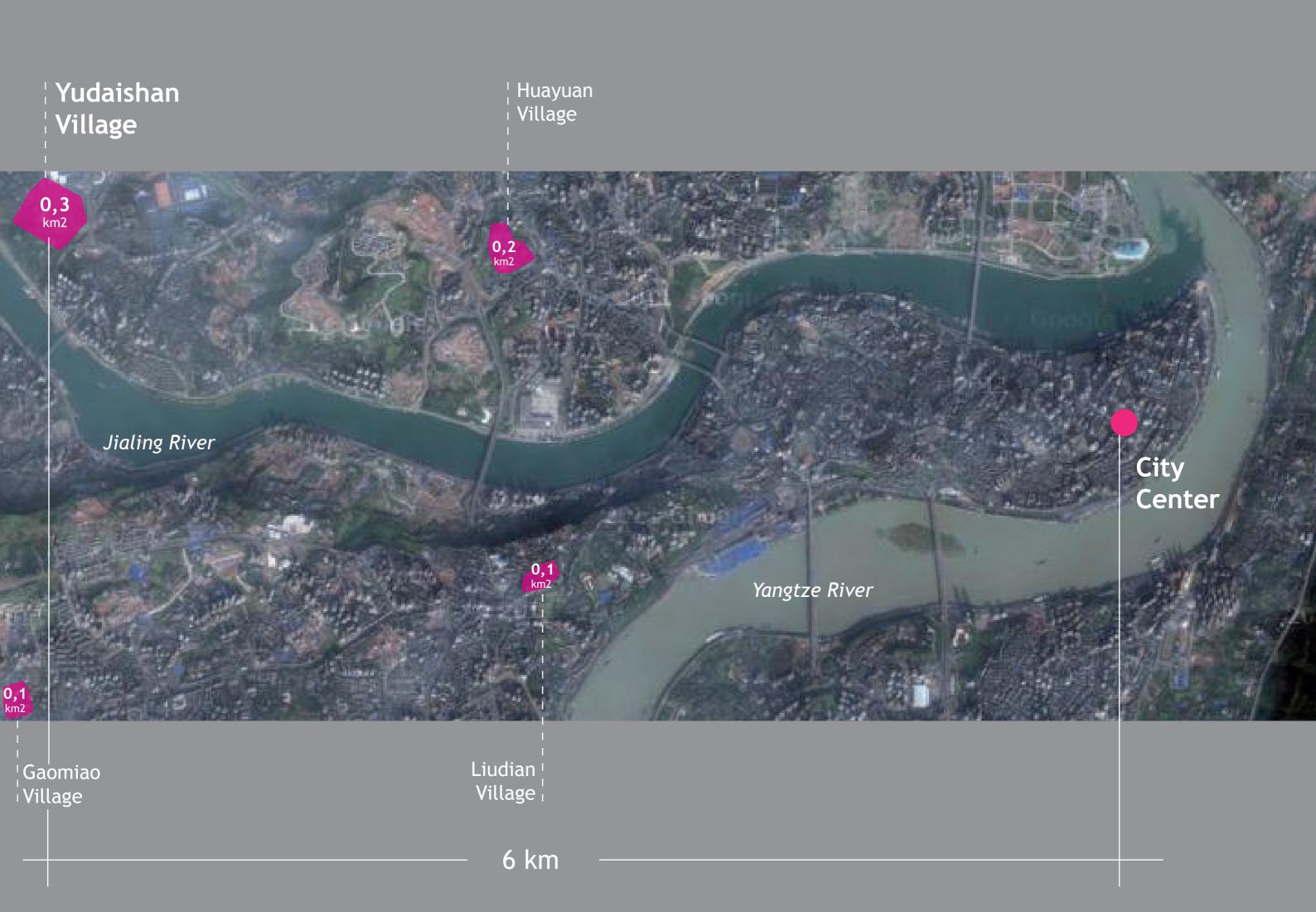


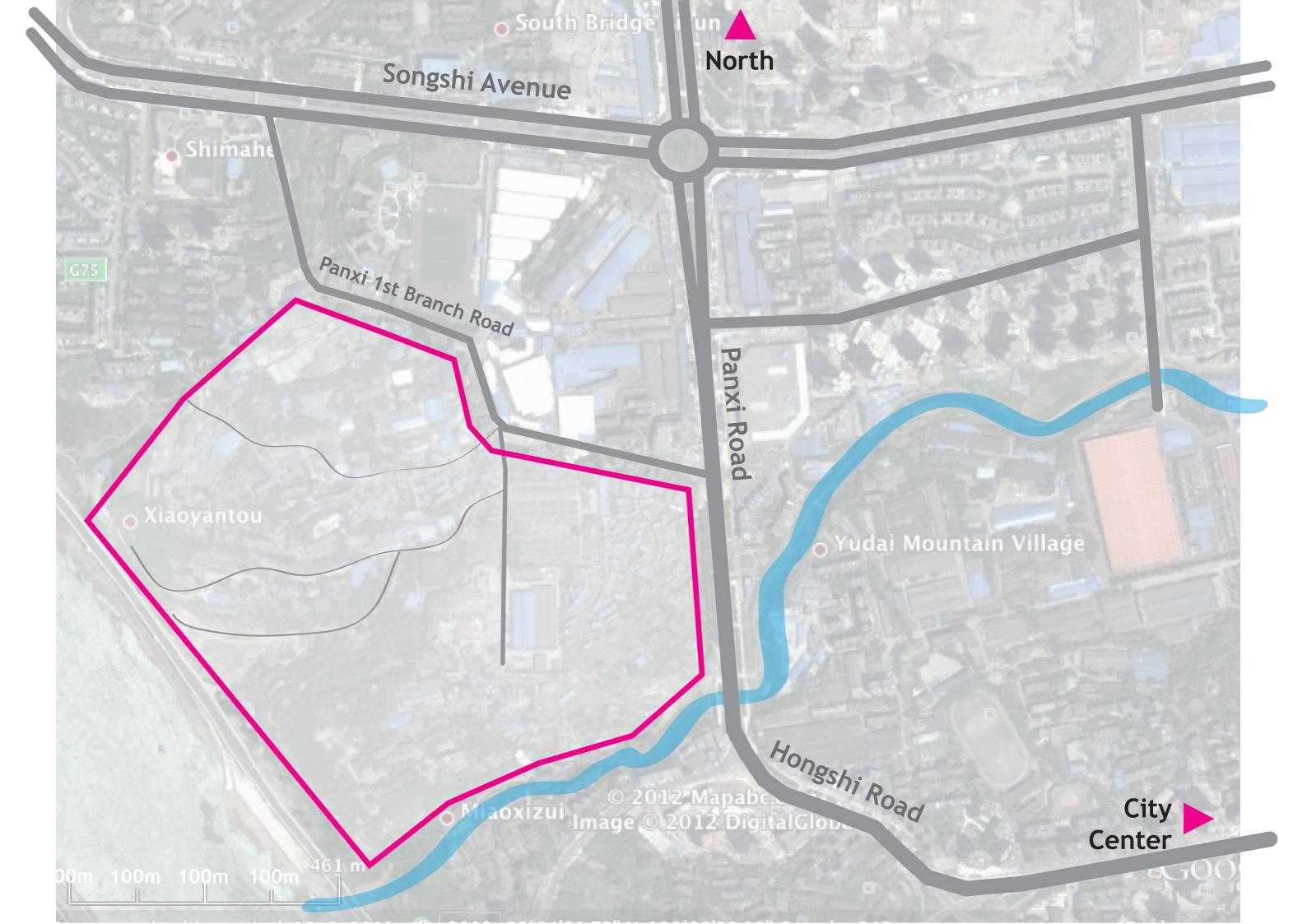


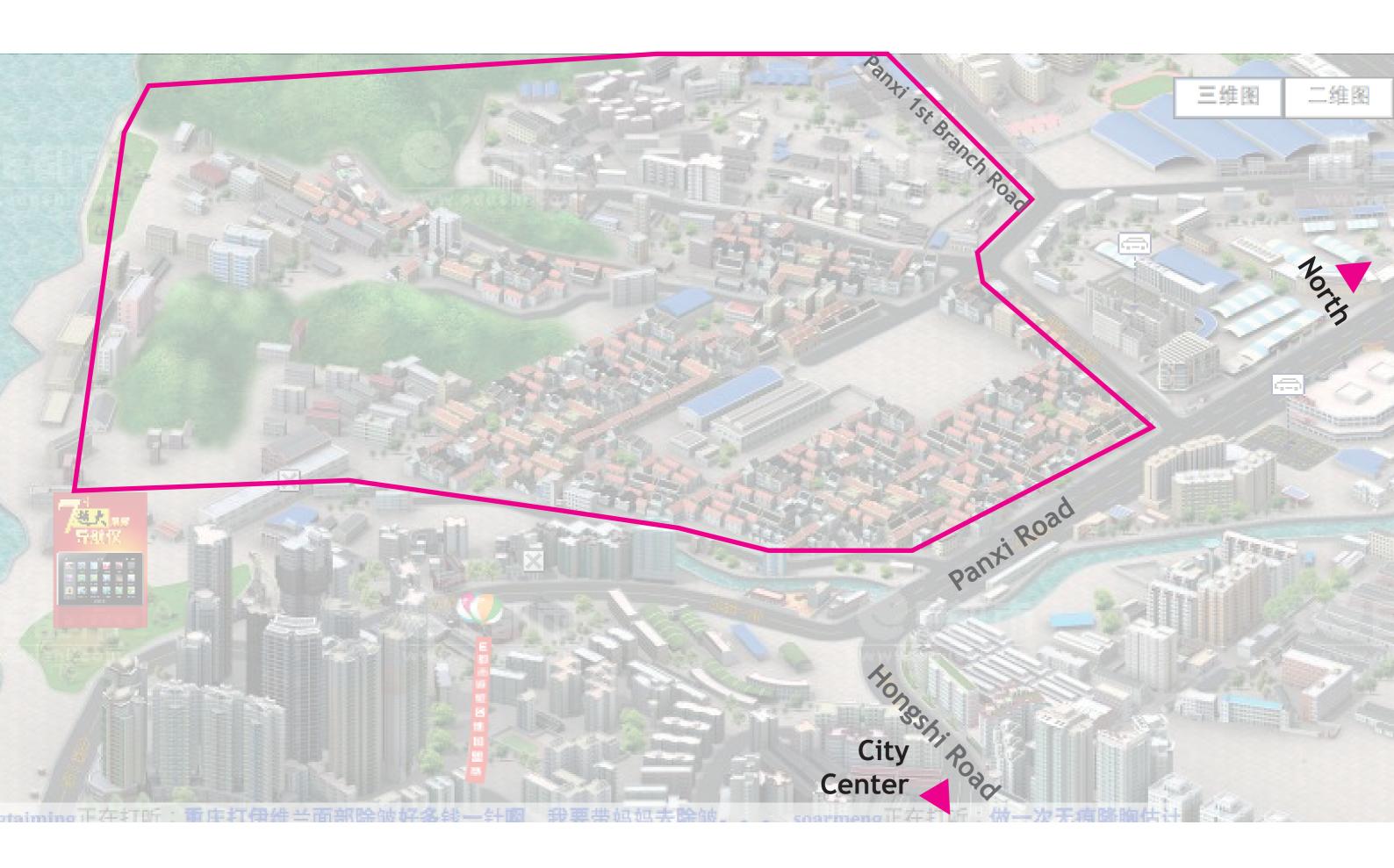






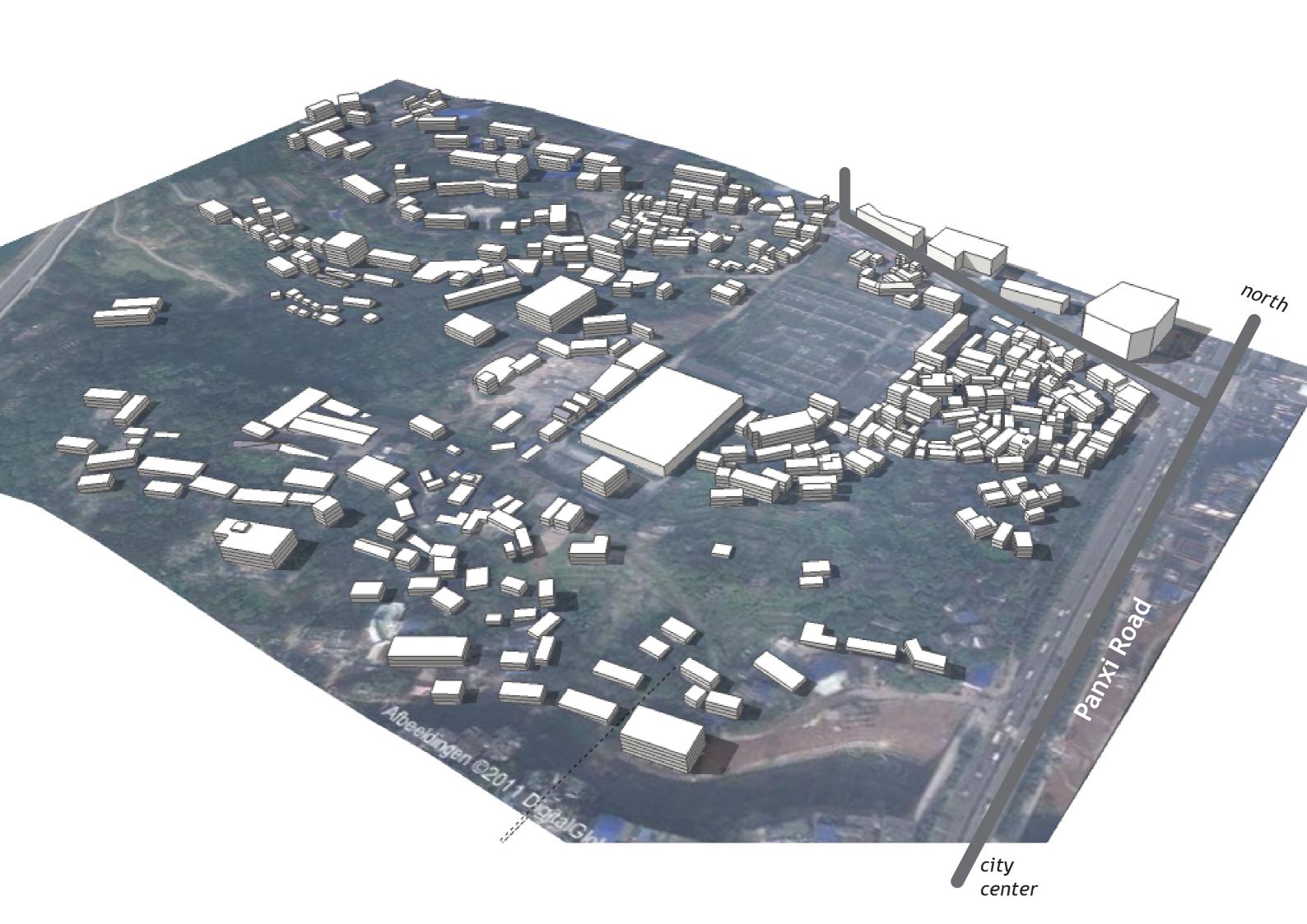


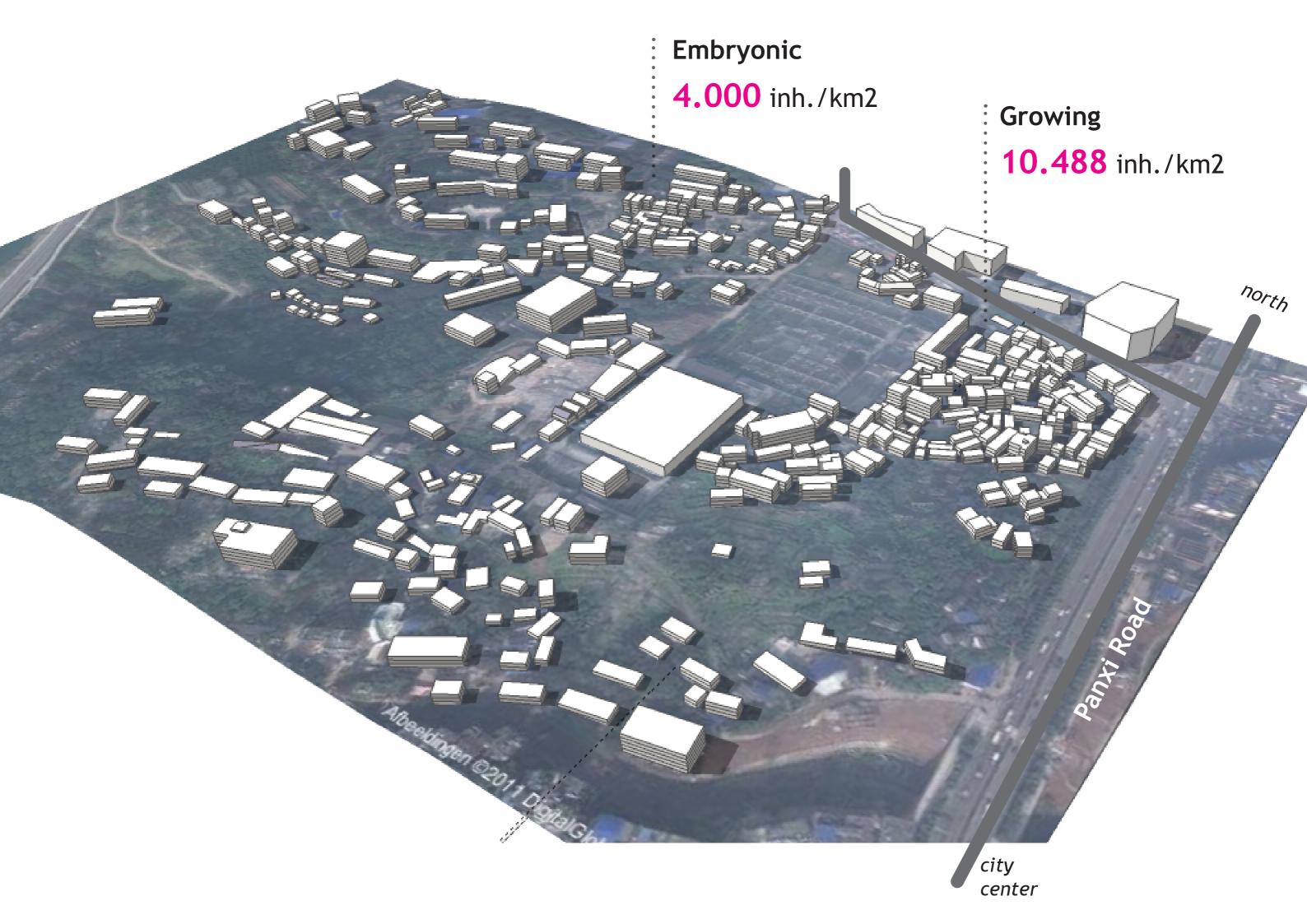


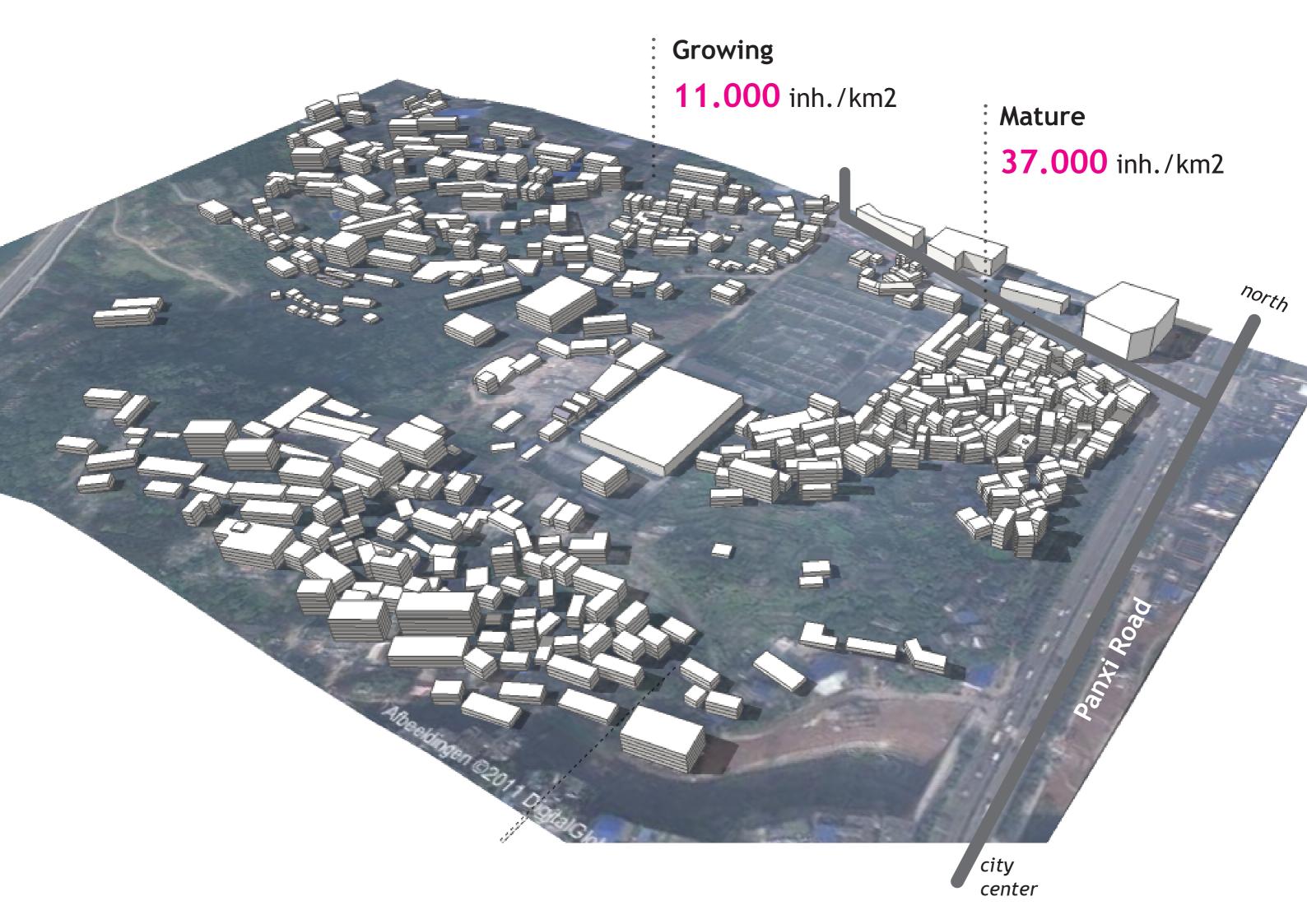


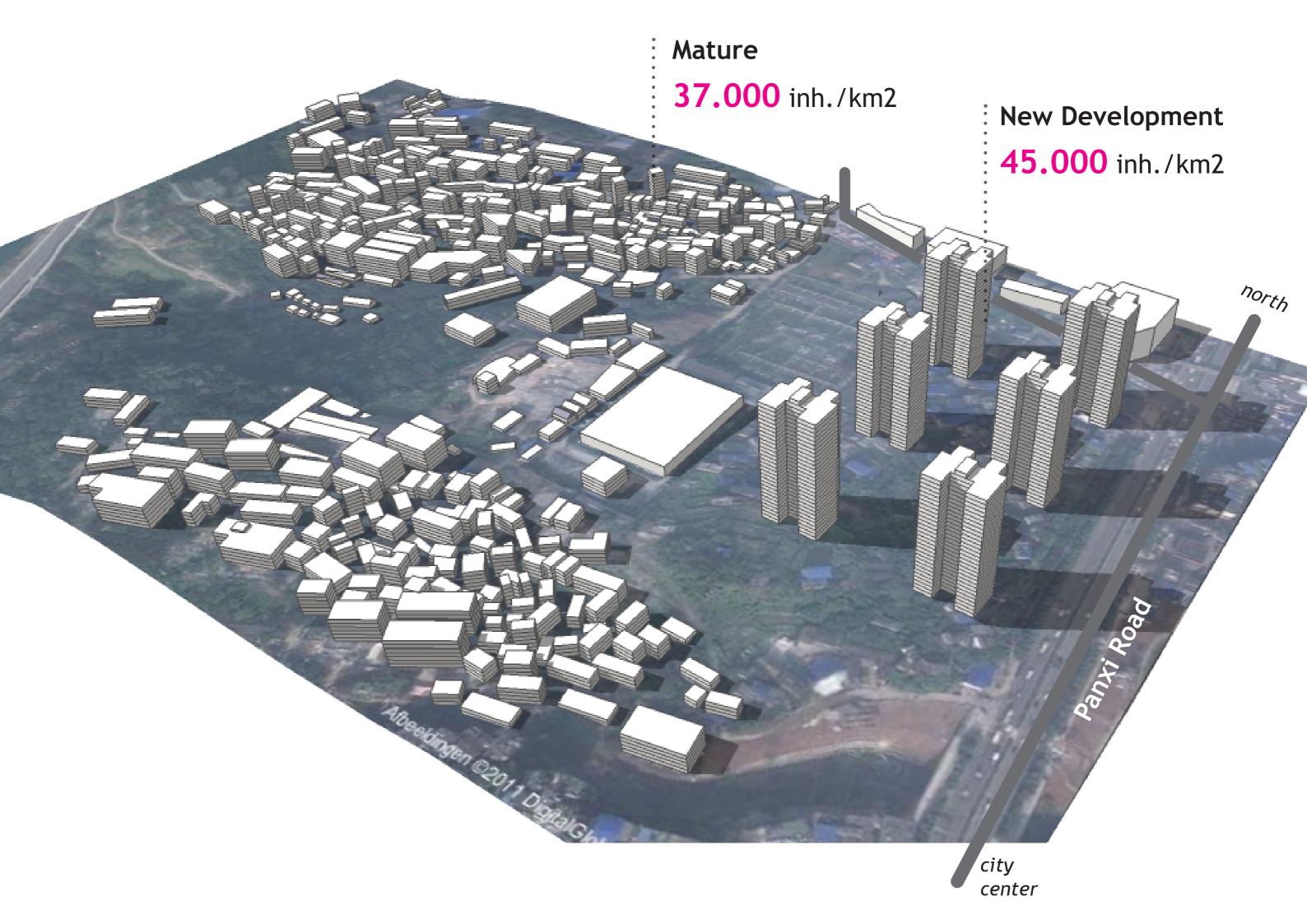


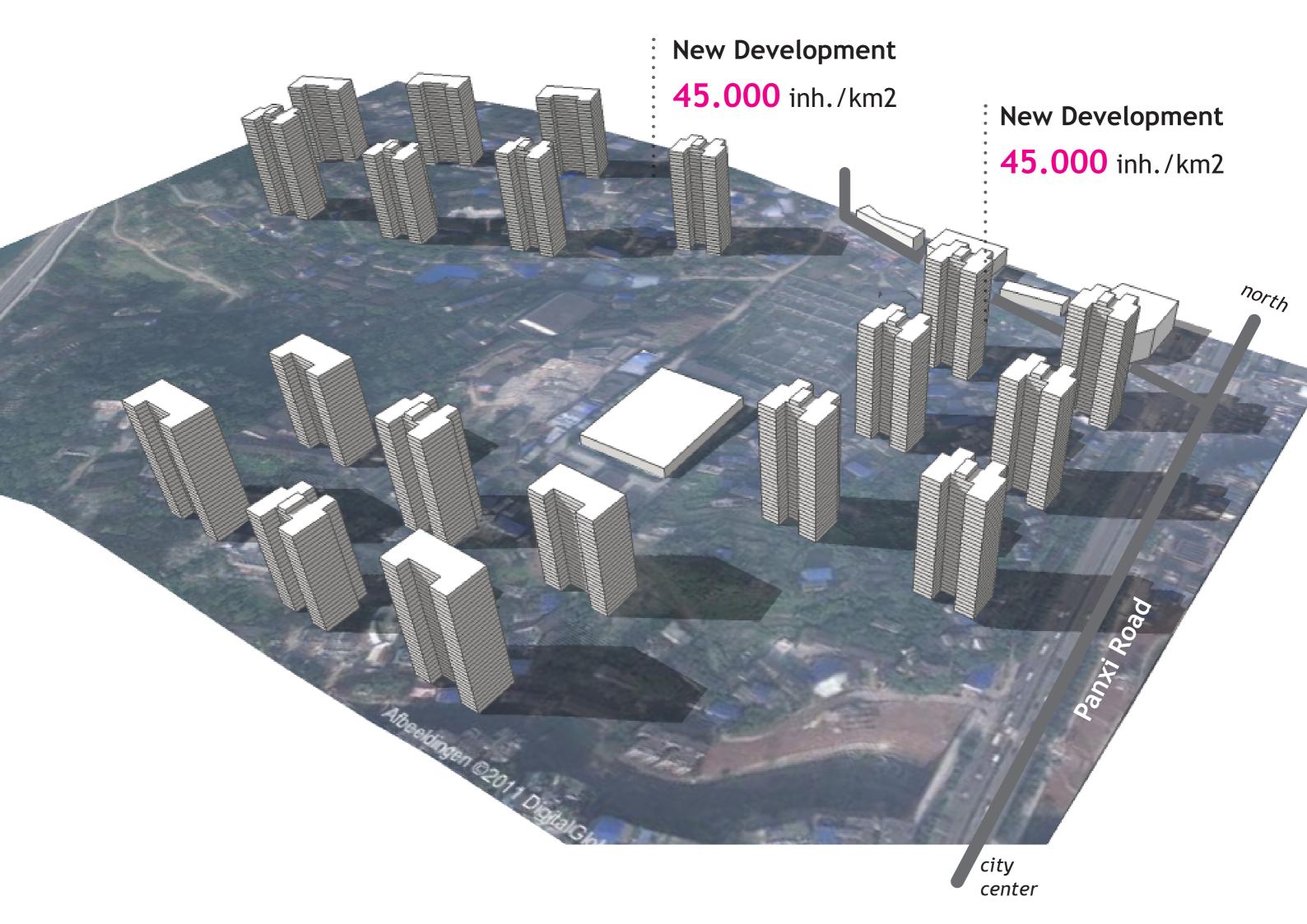


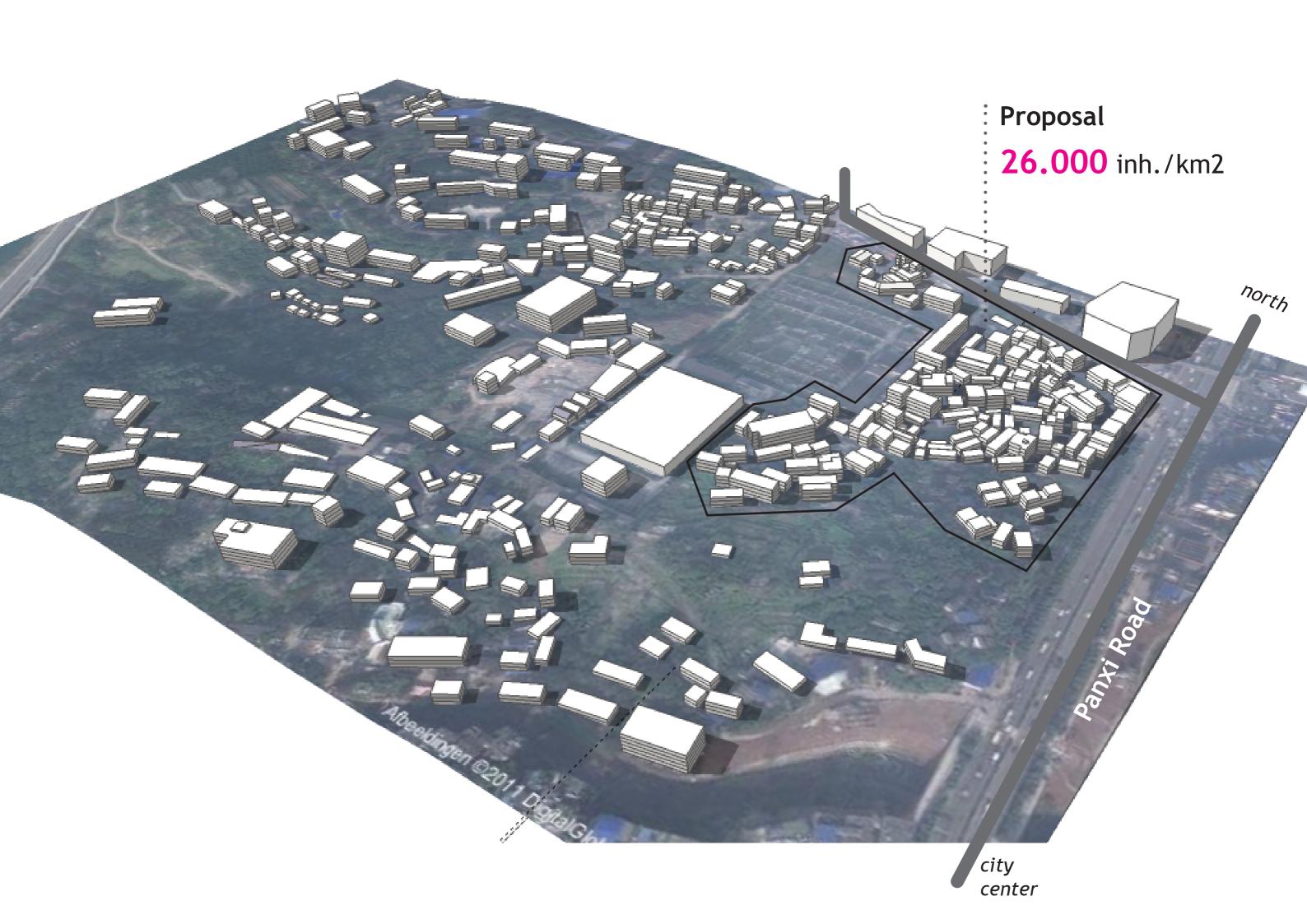












Current Course of Events

Aims & Strategy

Execution: Urban & Architecture

Future Scenario's

Aims

Increase Density with Liveability (26.000 inh./km2; OSR 30%)

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Offer Space for Future Adaptibility

Increase Density with Liveability (26.000 inh./km2; OSR 30%)

Offer Space for Future Adaptibility

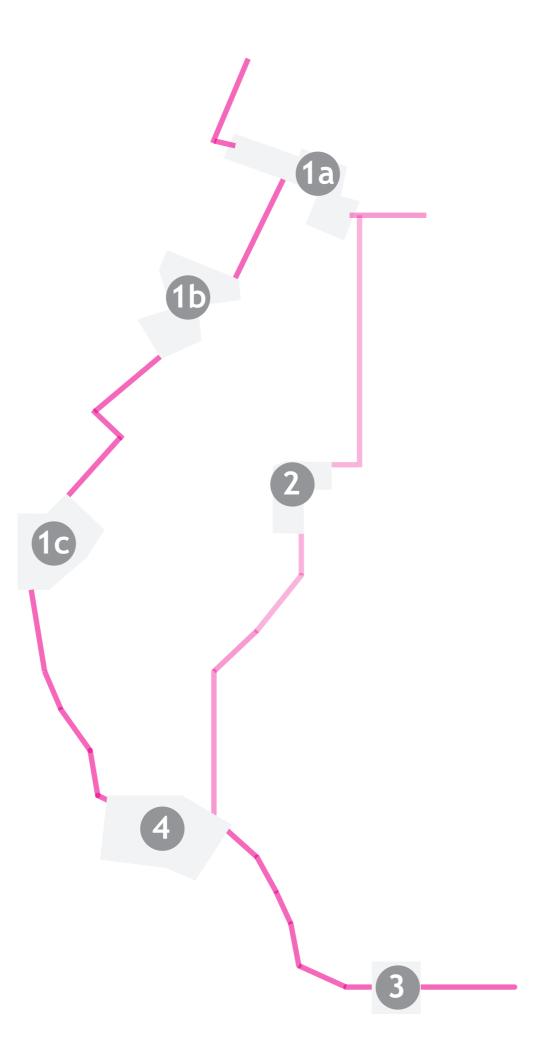
Slow Down Current Pace of Development

Increase Density with Liveability (26.000 inh./km2; OSR 30%)

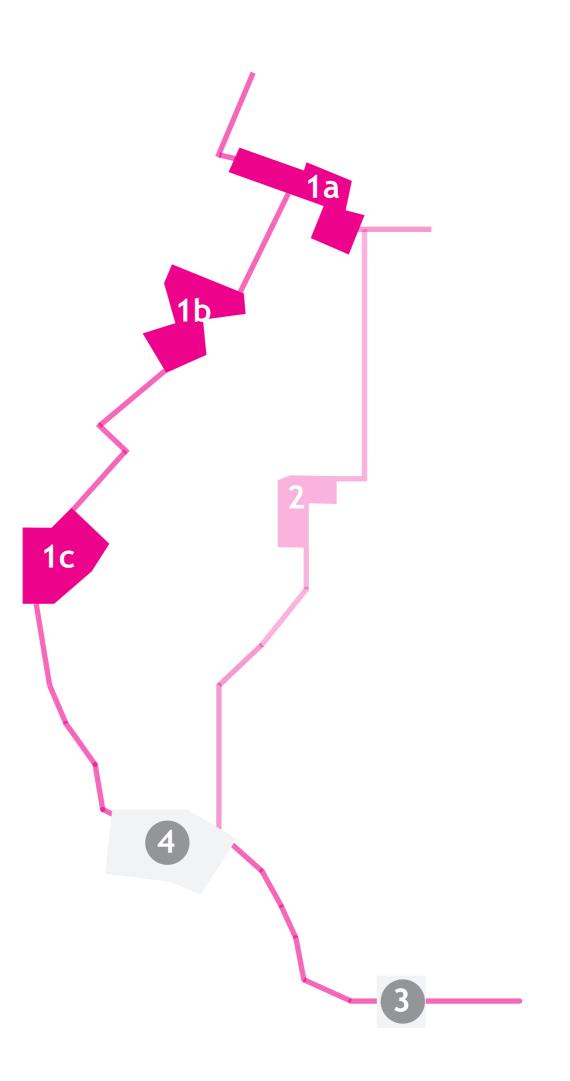
Offer Space for Future Adaptibility

Slow Down Current Pace of Development

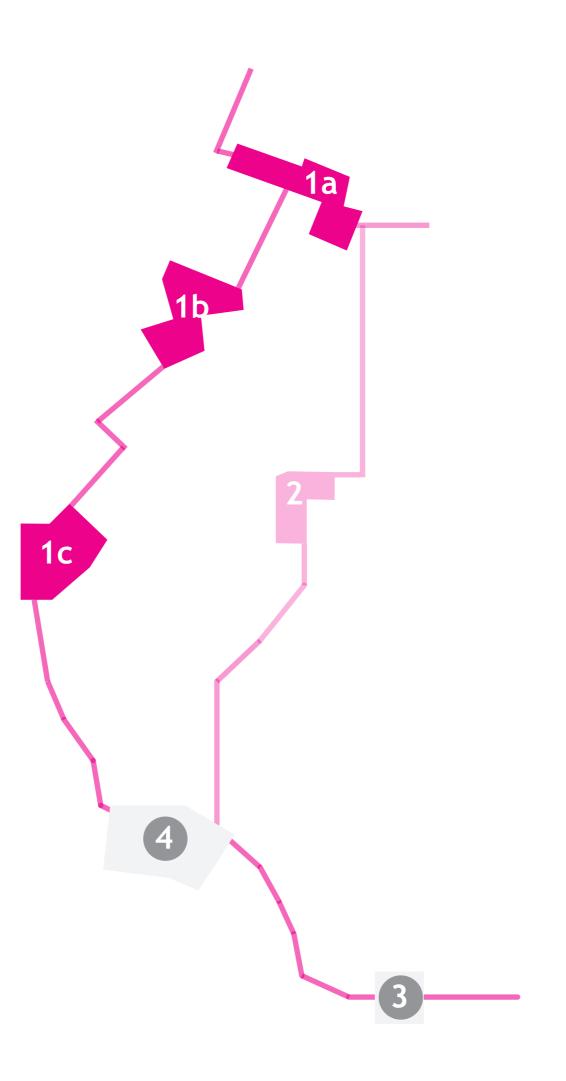
Maintain and Expand Housing aimed at Low-Income Groups



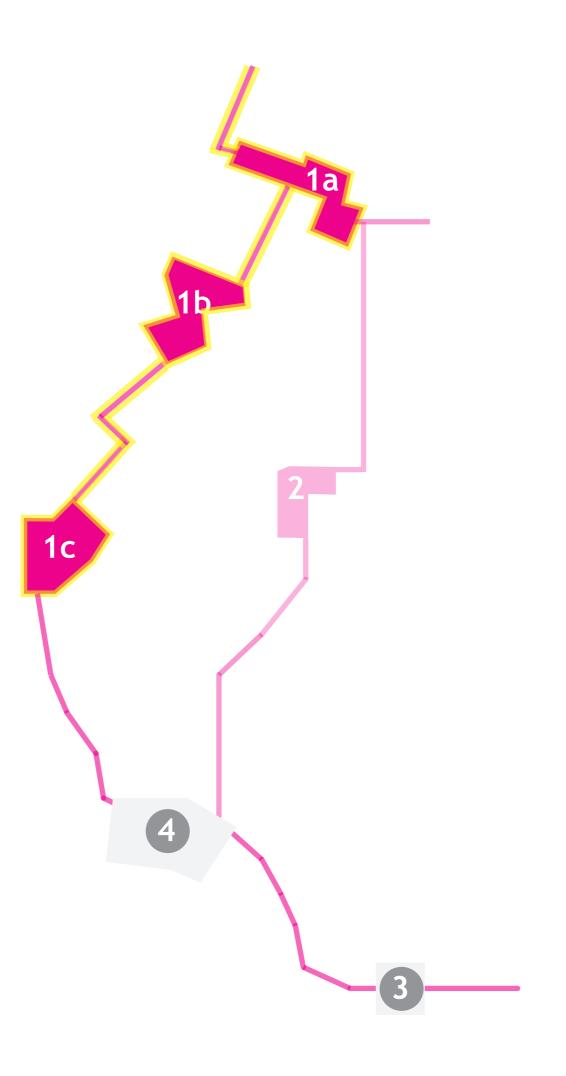
Gradual Slow Down Adjustments



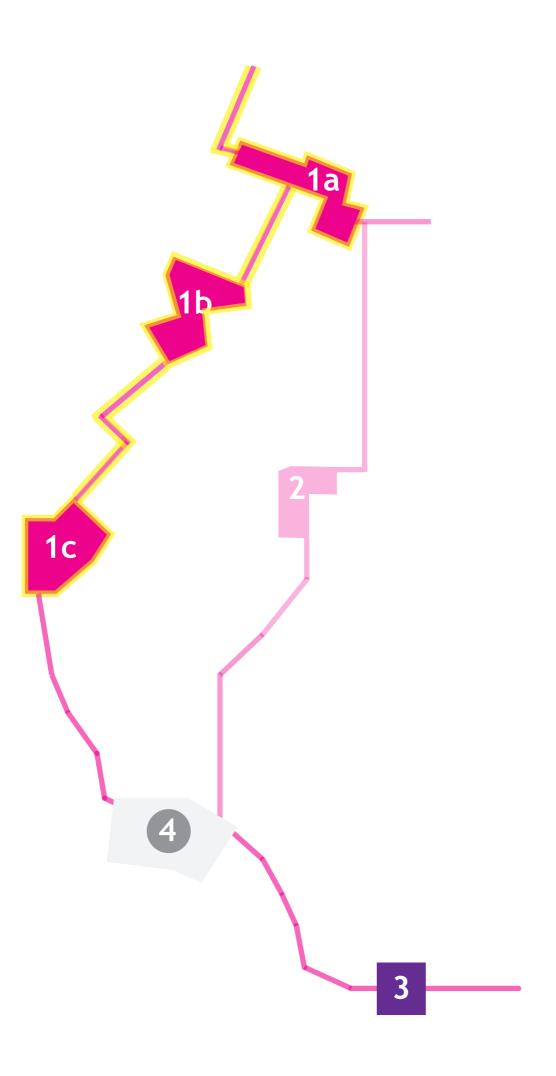
Open Spaces



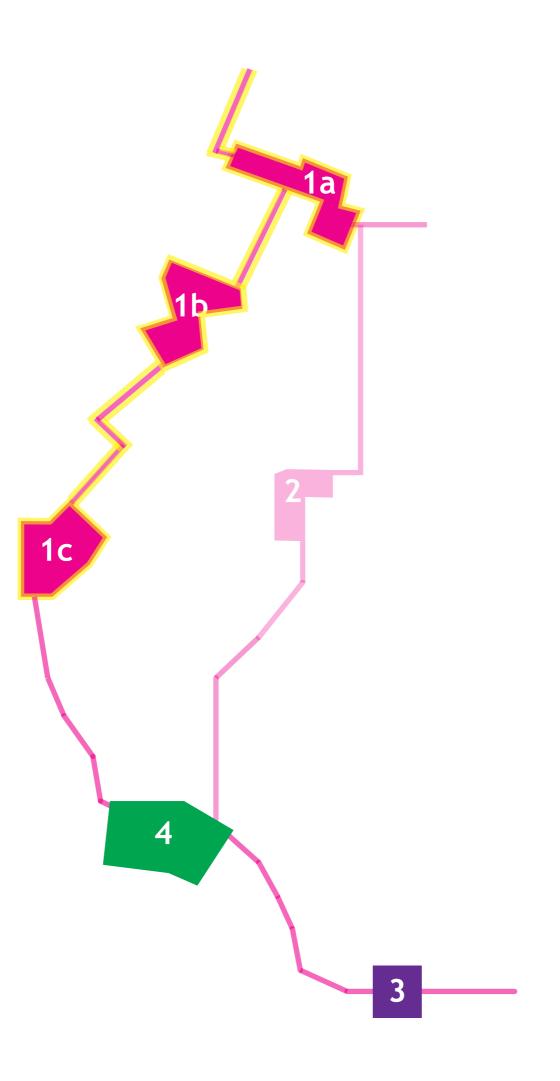
Open Spaces
Public Space Network



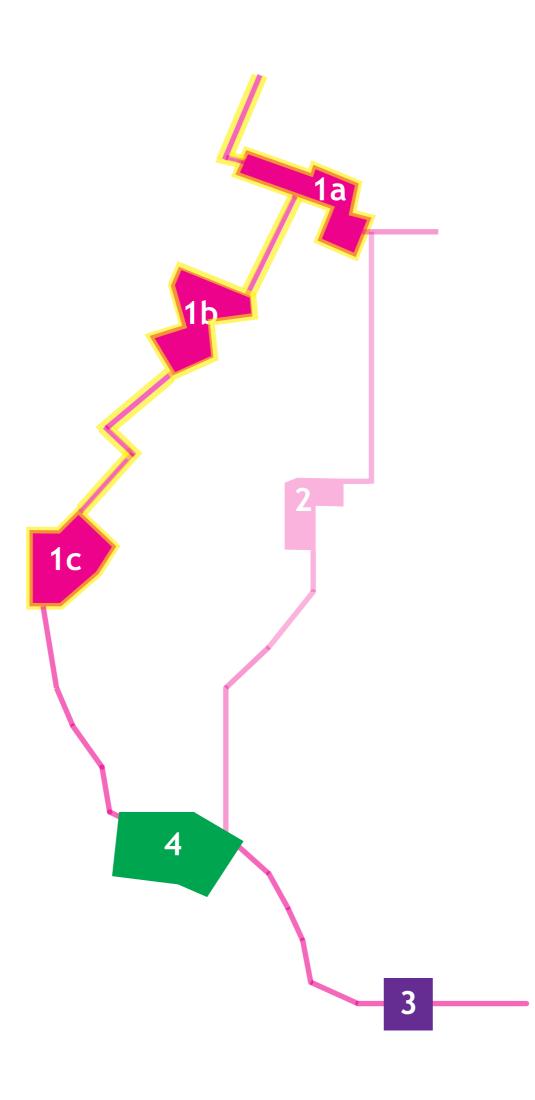
Open Spaces
Public Space Network
Commercial Functions



Open Spaces
Public Space Network
Commercial Functions
Social Housing



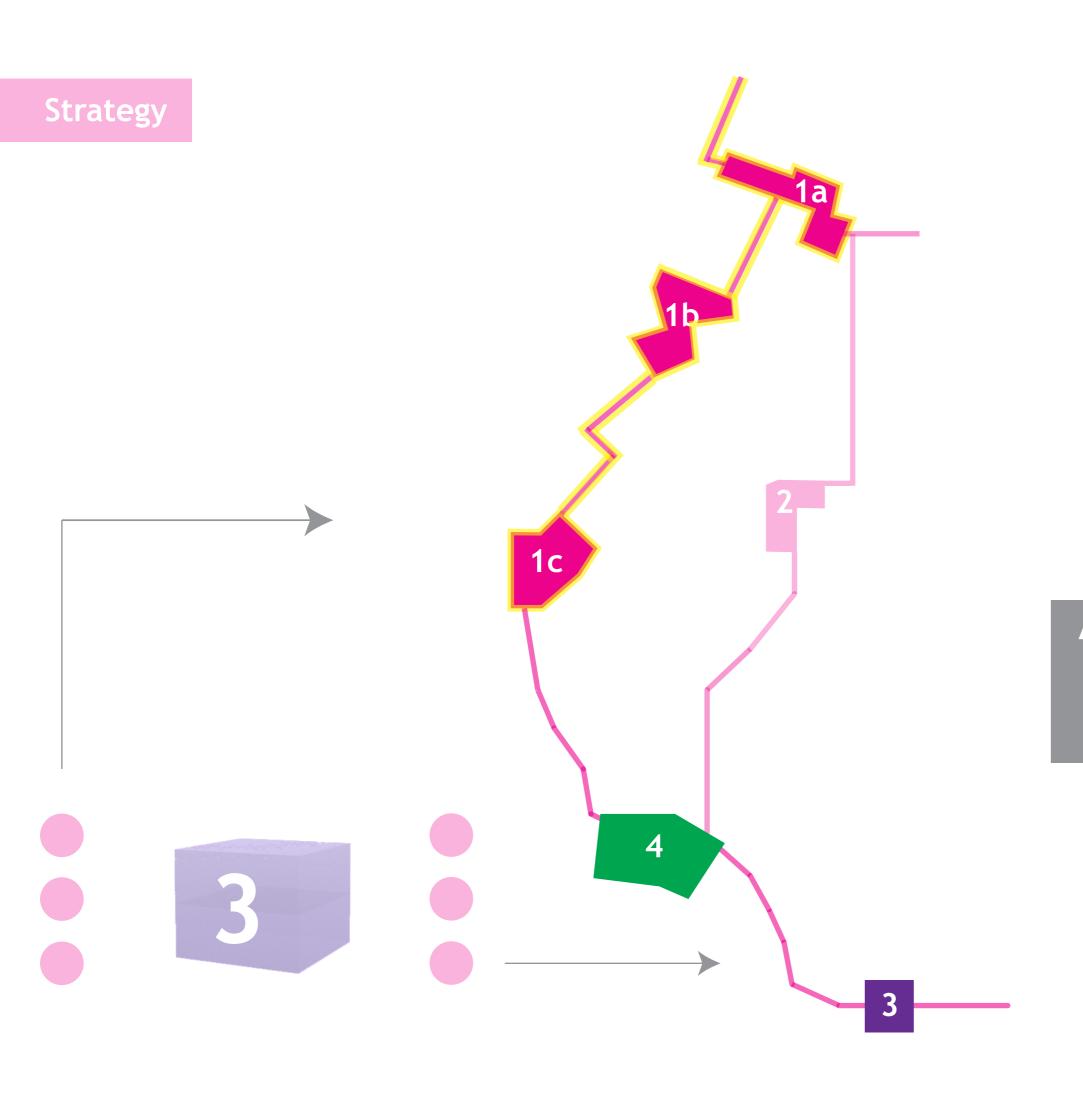
Open Spaces
Public Space Network
Commercial Functions
Social Housing
Park



Open Spaces
Public Space Network
Commercial Functions
Social Housing
Park

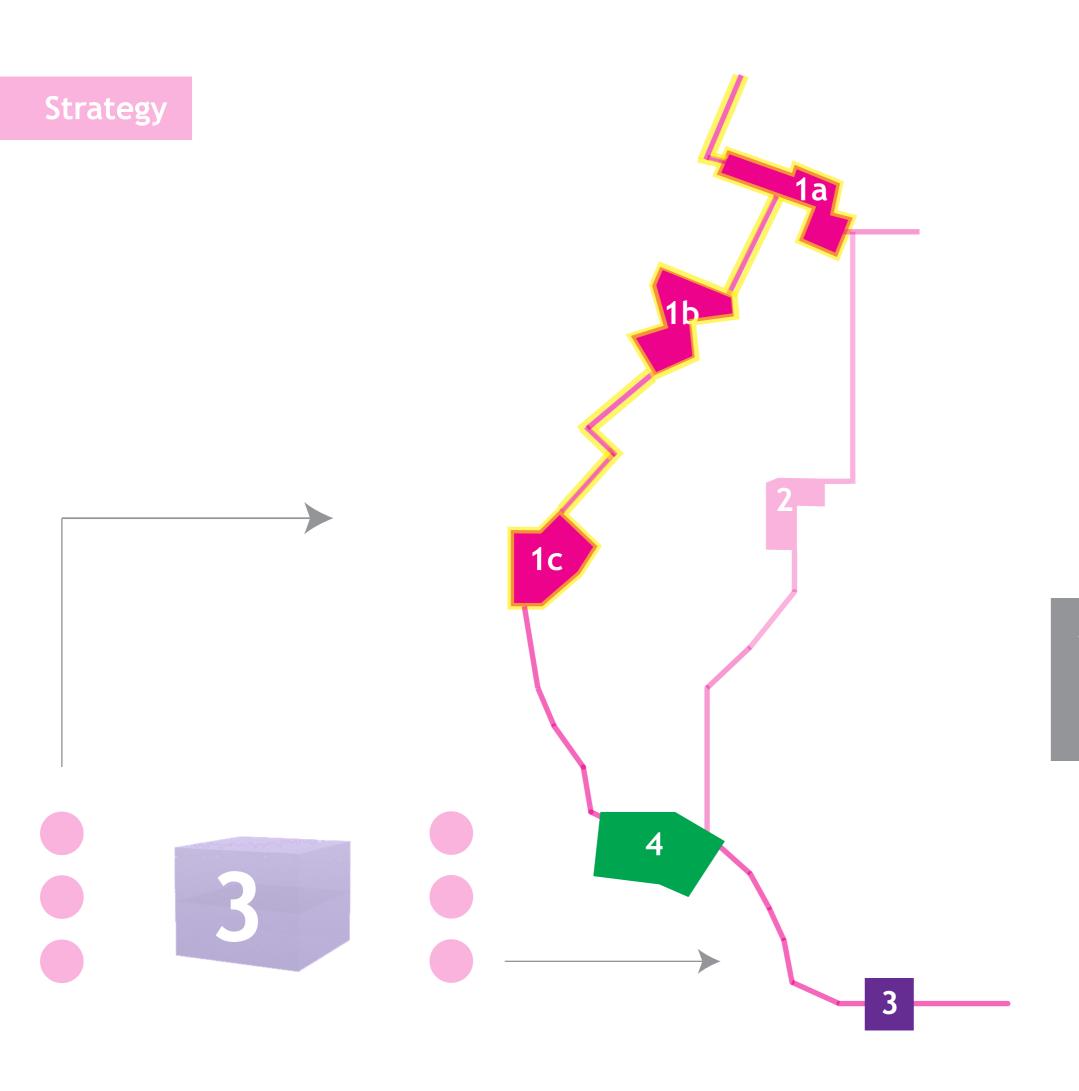
Architectural Prototype

3



Open Spaces
Public Space Network
Commercial Functions
Social Housing
Park

Architectural Prototype Implemented



Open Spaces
Public Space Network
Commercial Functions
Social Housing
Park

Architectural Prototype
Implemented
Future Growth

Current Course of Events

Aims & Strategy

Execution: Urban & Architecture

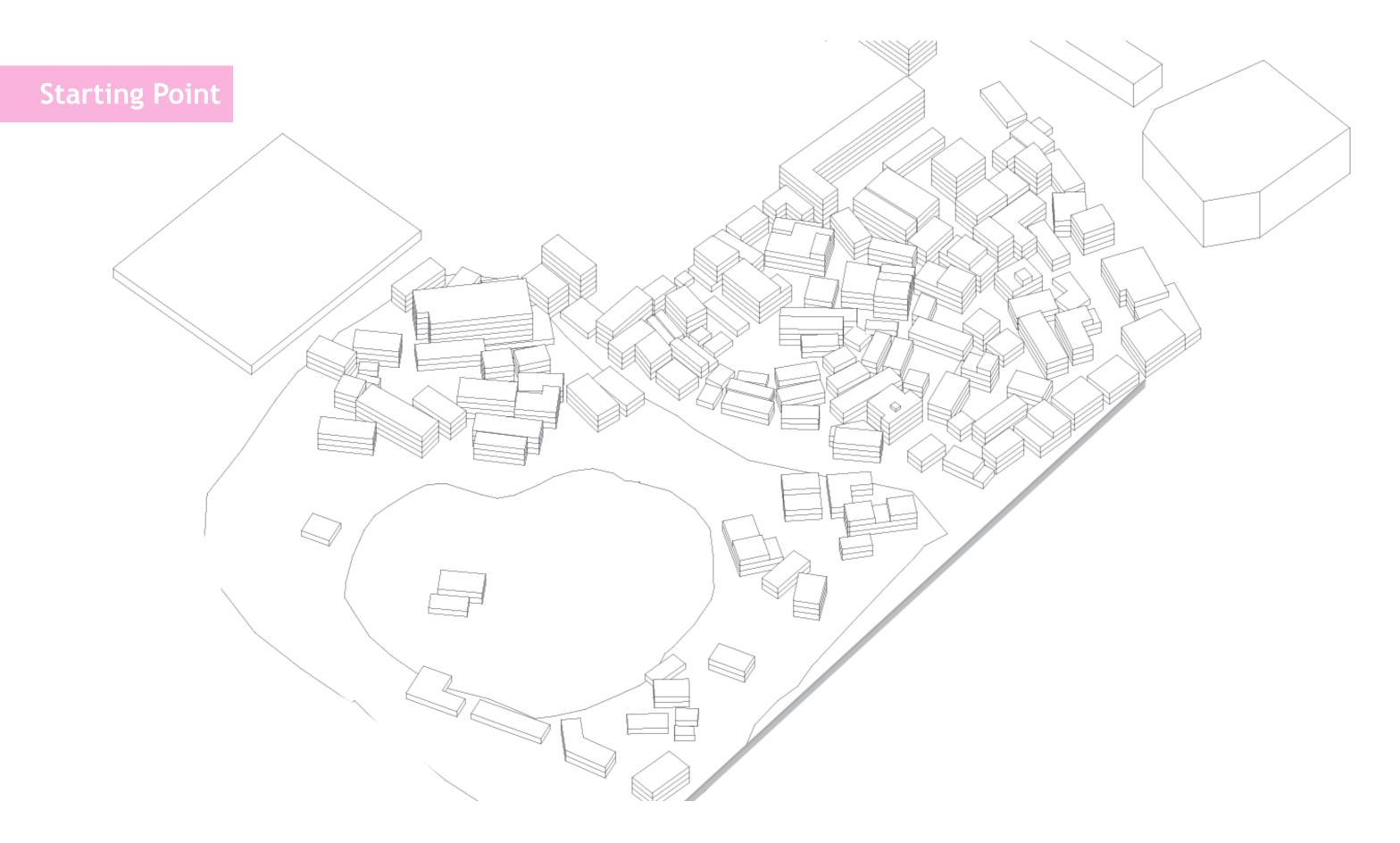
Future Scenario's

Current Course of Events

Aims & Strategy

Execution: Urban & Architecture

Future Scenario's



50.000 m2

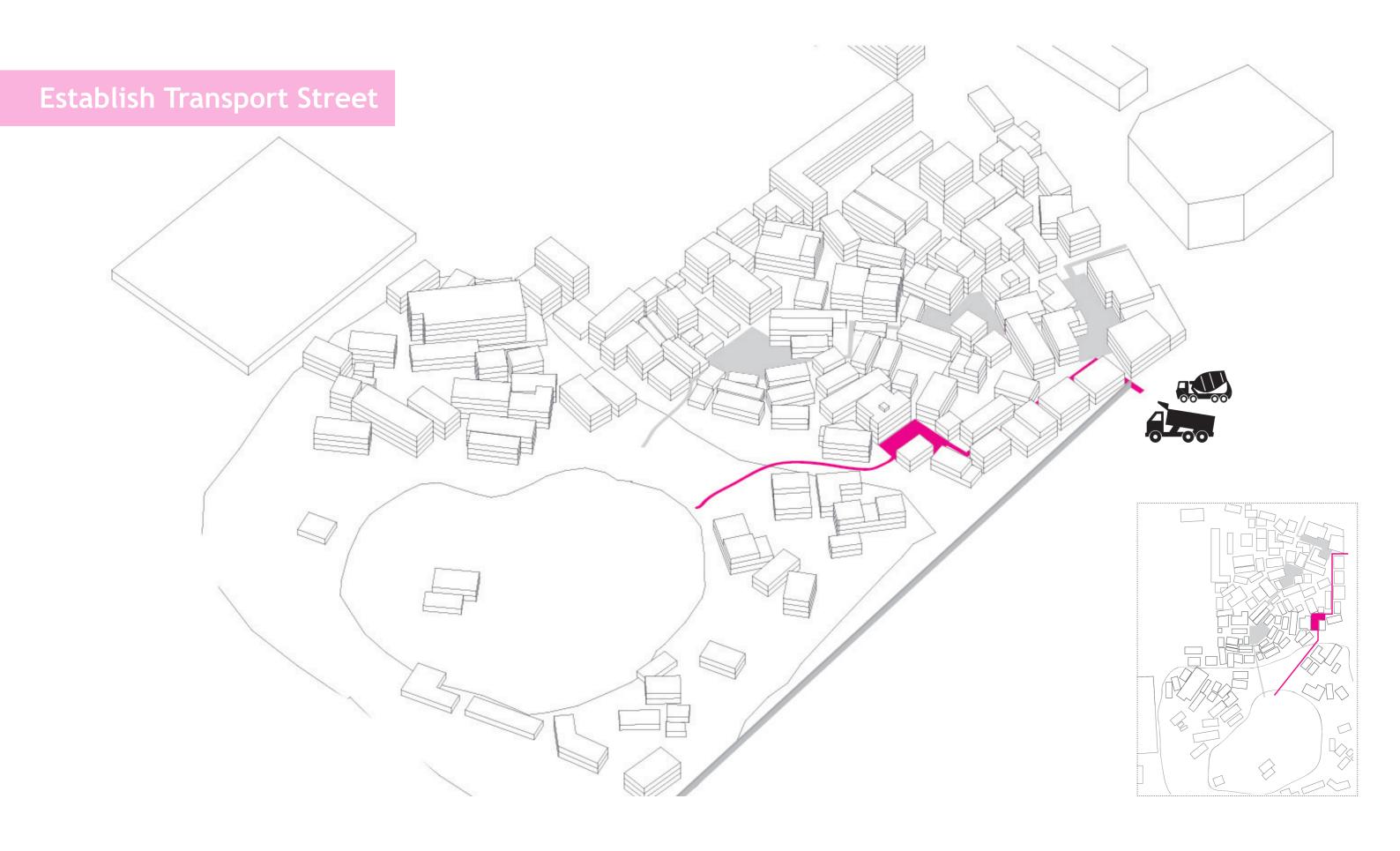
50.000 m2 current BVO

26.000 inh./km2 = 1045 inhabitants

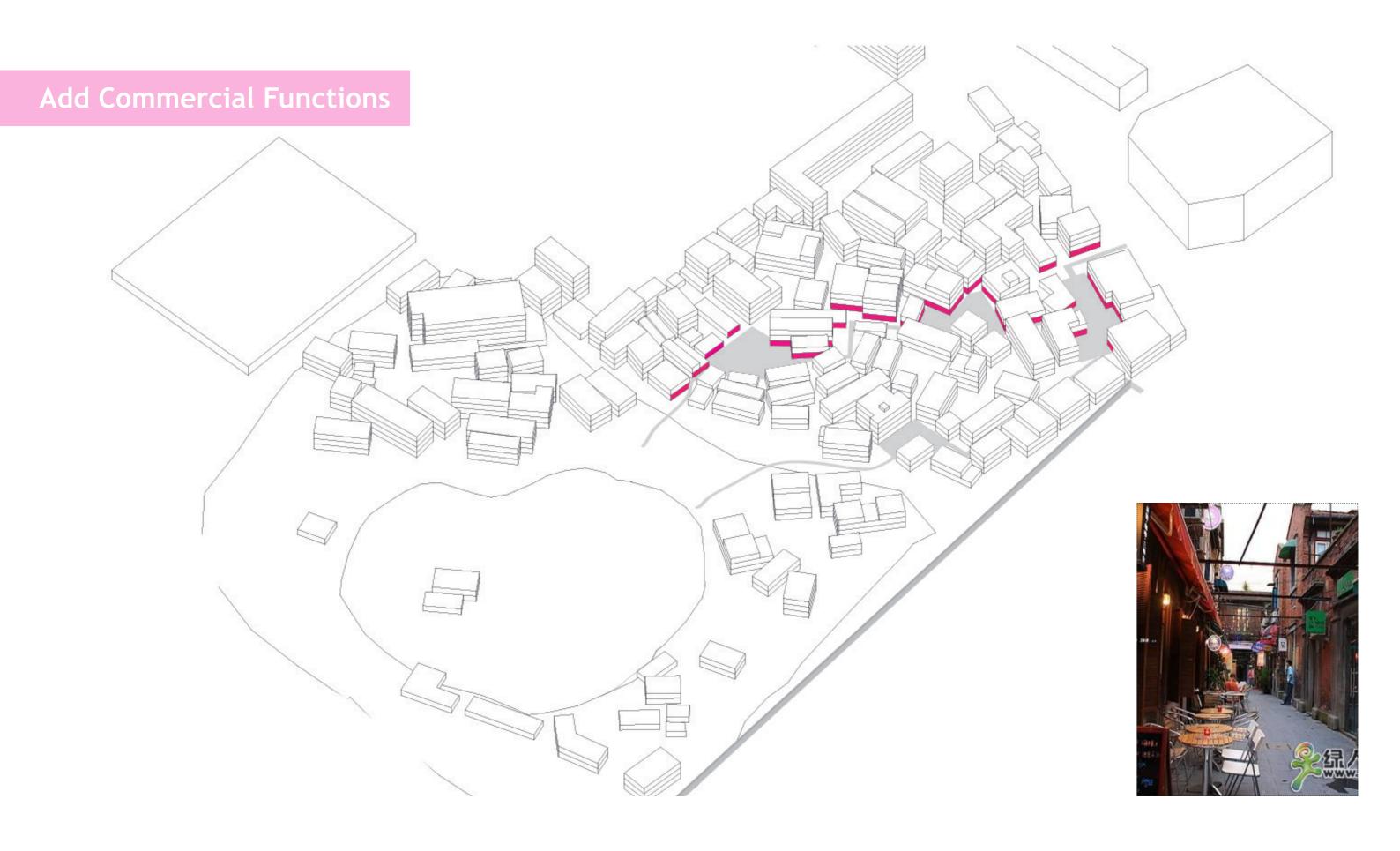
1045 inhabitants * 50m2 = 52.250 m2 desired BVO (short-term)



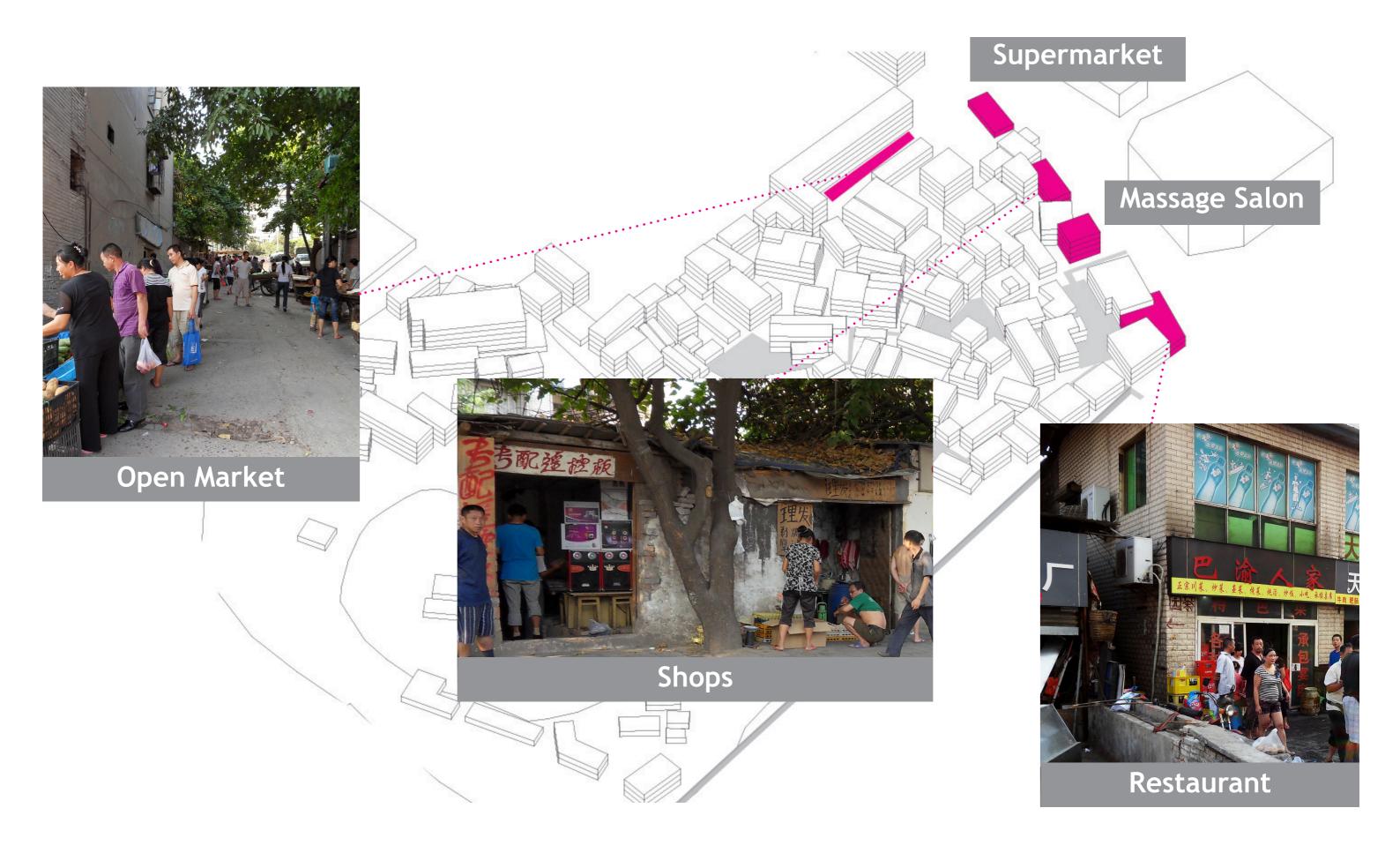
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TRANSPORT	NEW SOCIAL HOUSING	PARK	DIVARIDING



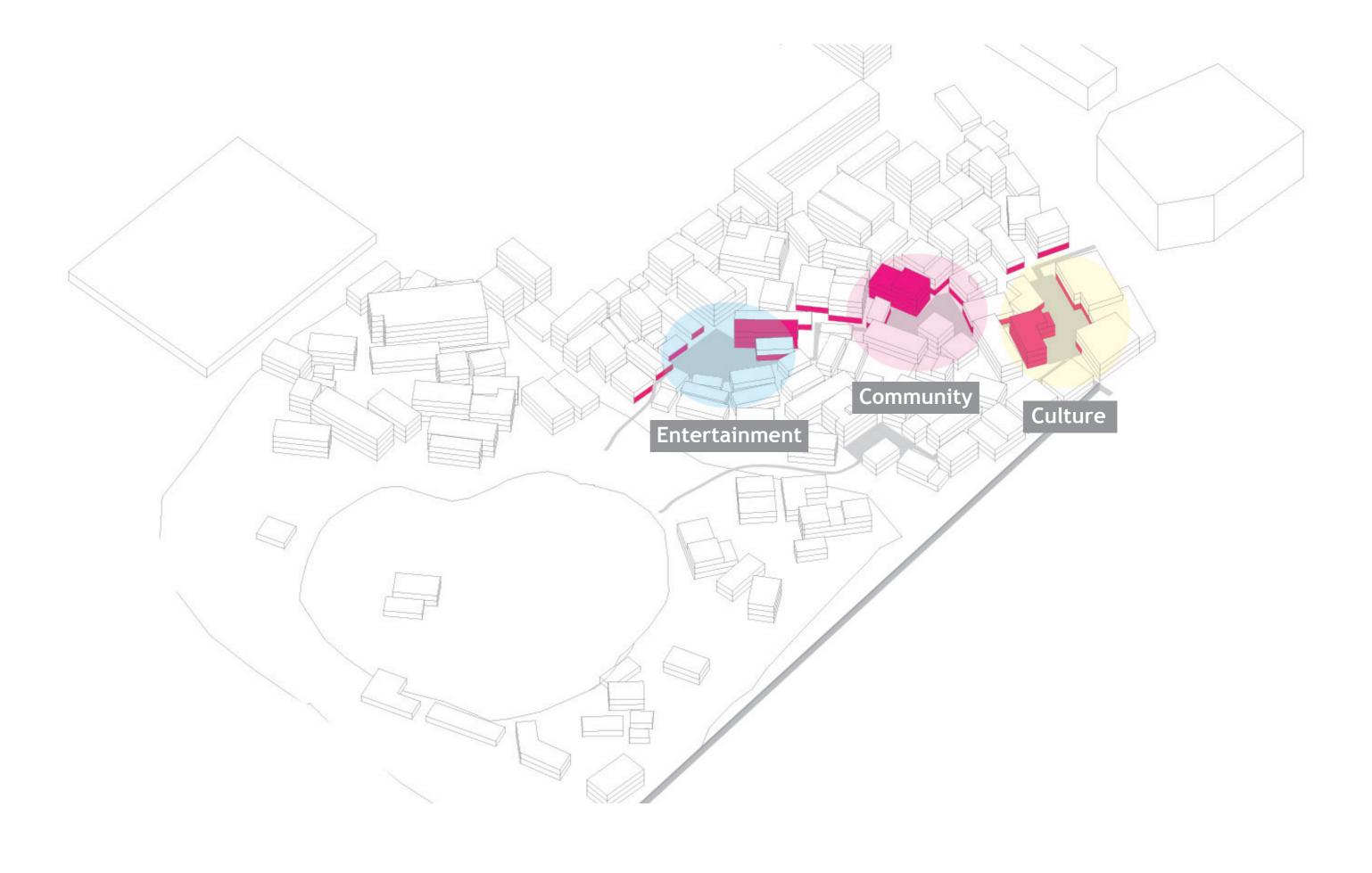
PEDESTRIANCOMMERCIALUPGRADE HOUSINGTRANSPORTNEW SOCIAL HOUSINGPARK



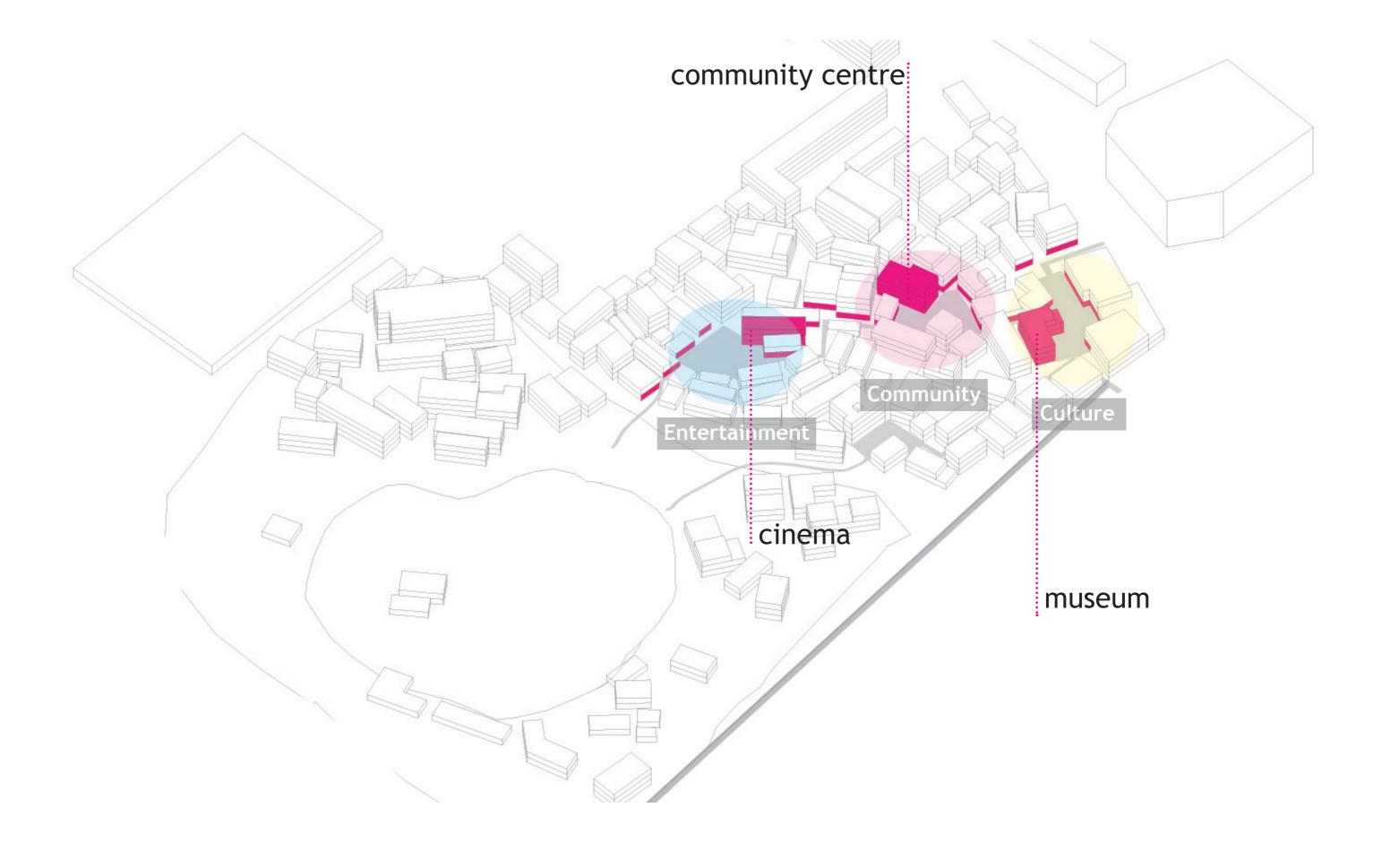
PEDESTRIAN	COMMERCIAL		UPGRADE HOUSING	REANDING
TRANSPORT	NEW SOCIAL HOUSIN	G	PARK	DRANDING



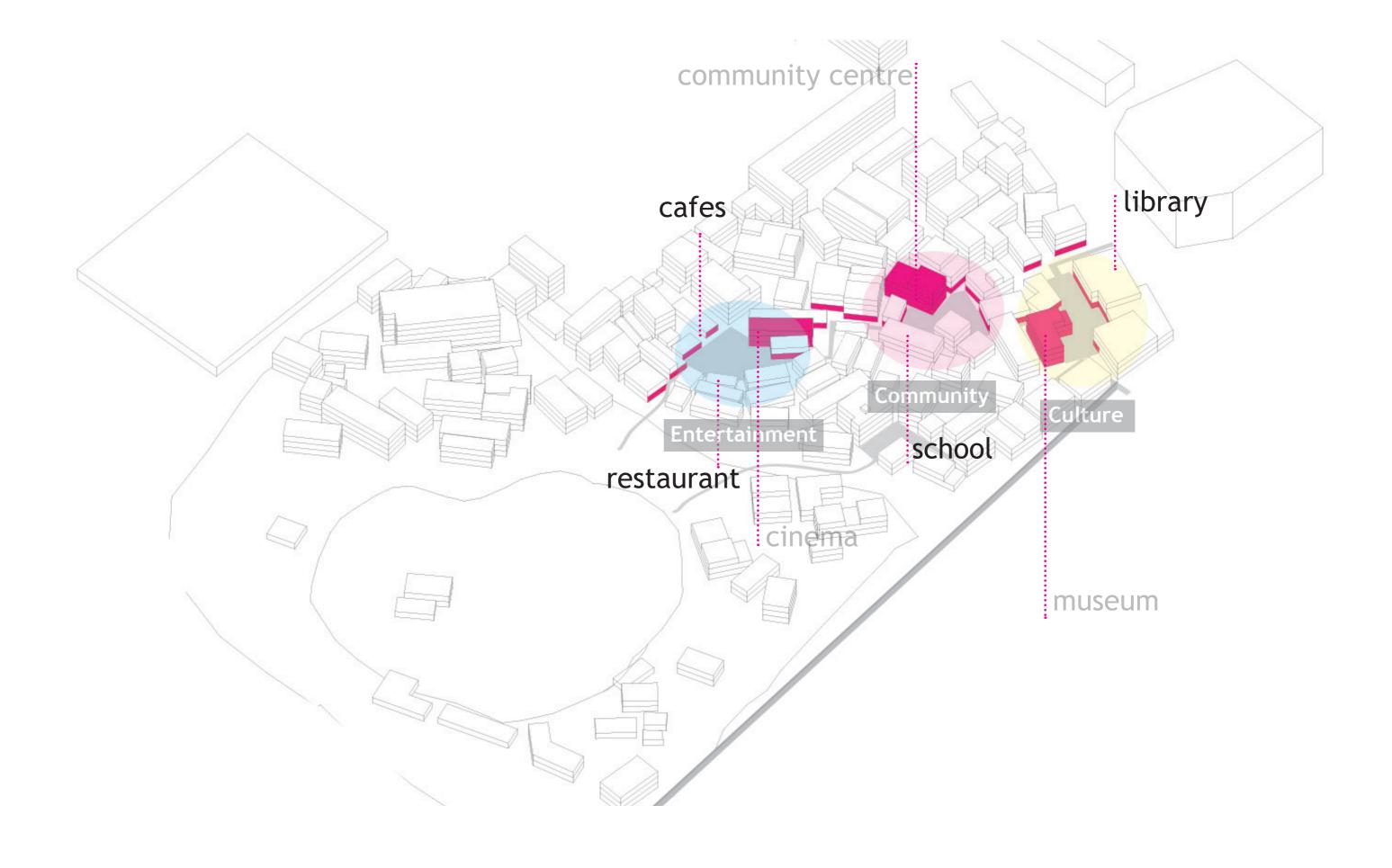
PEDESTRIAN	COMMERCIAL	UPGRADE HOUSING	BRANDING
TRANSPORT	NEW SOCIAL HOUSIN	G PARK	DRANDING



PEDESTRIAN	V	COMMERCIAL		UPGRADE HOUSING	BEANDING
TRANSPORT		NEW SOCIAL HOUSIN	IG	PARK	DRANDING



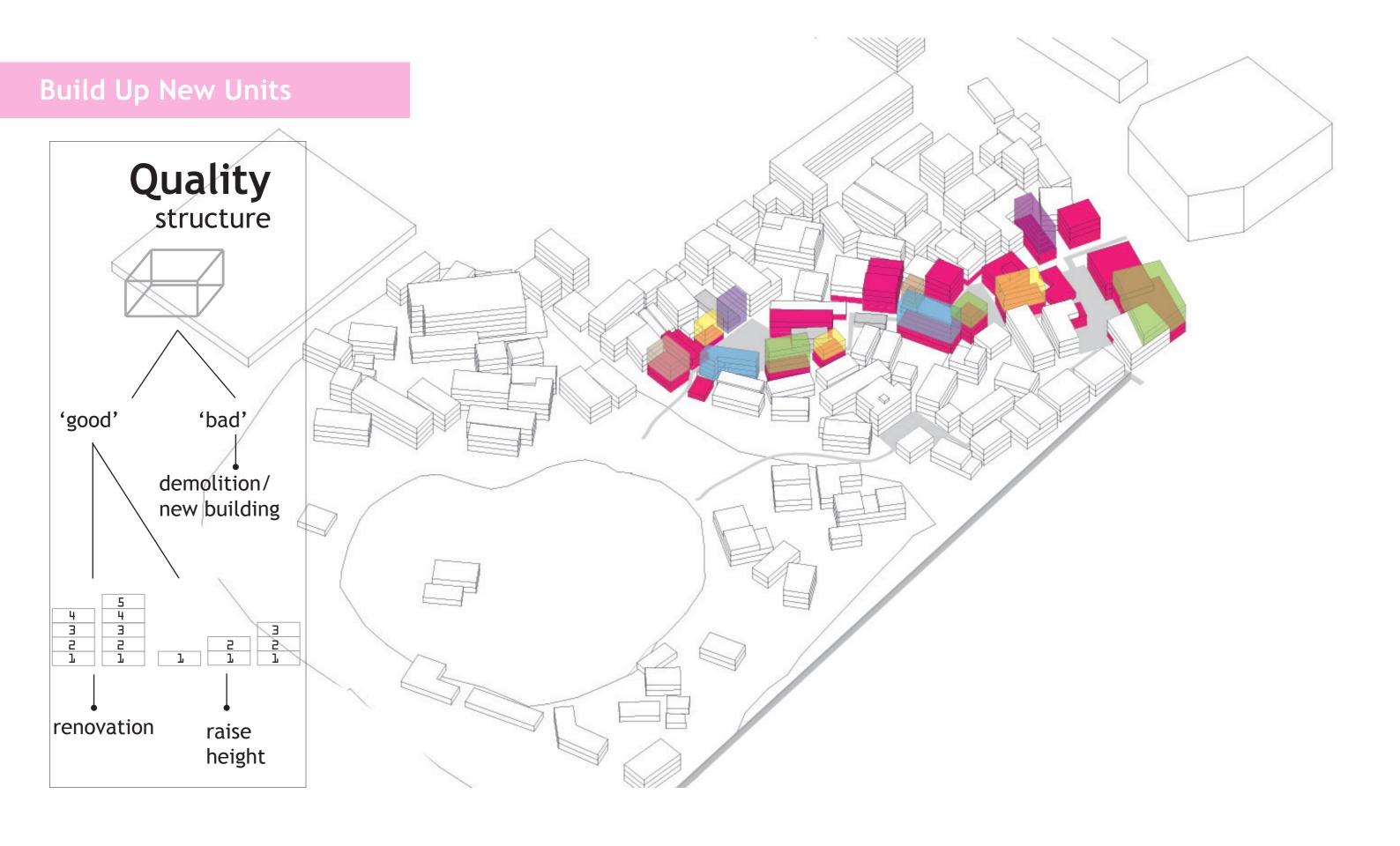
PEDESTRIAN	COMMERCIAL	UPGRADE HOUSING	RDANDING
TRANSPORT	NEW SOCIAL HOUSING	G PARK	DRANDING



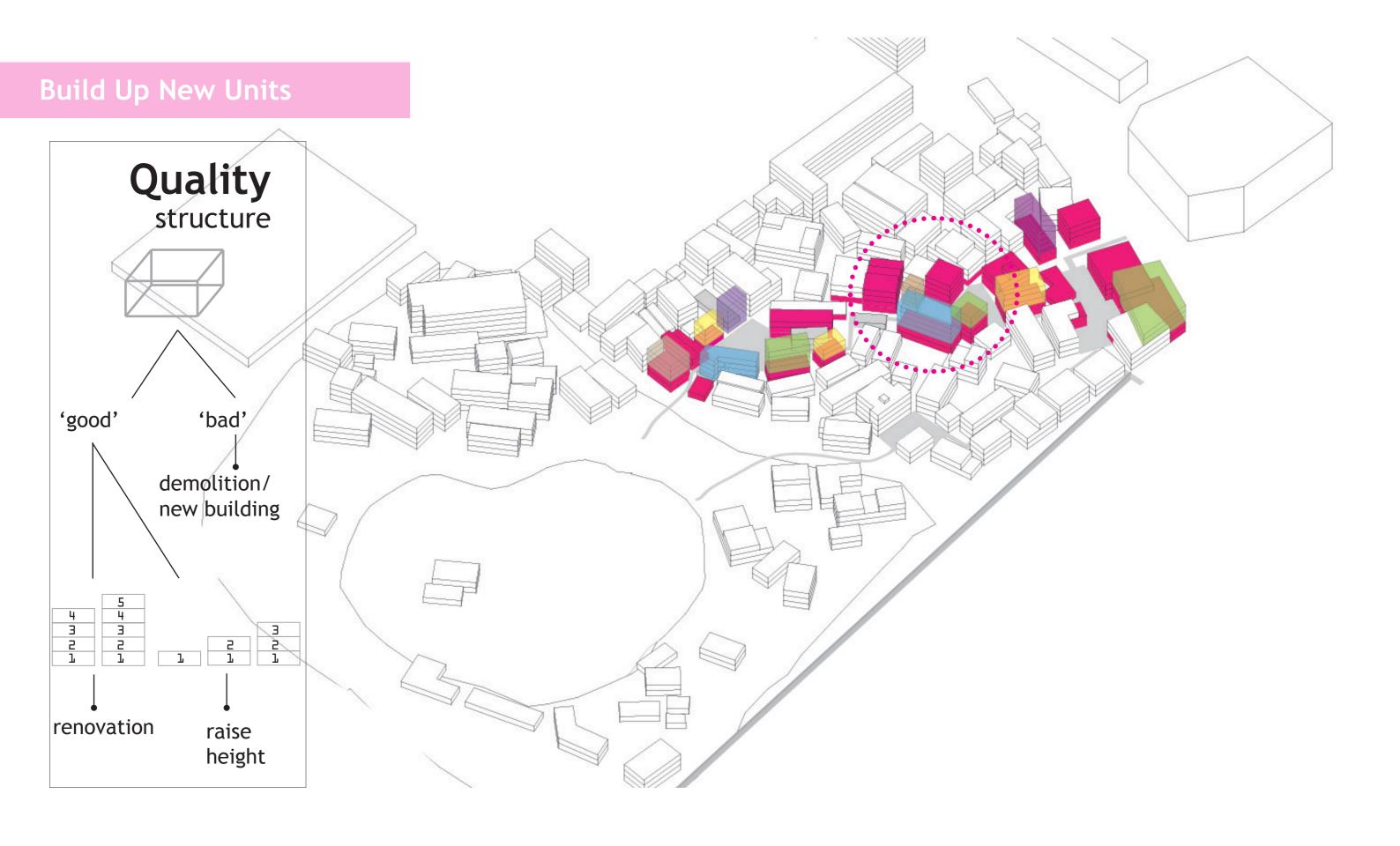
PEDESTRIAN	COMMERCIAL	UPGRADE HOUSING	RDANDING
TRANSPORT	NEW SOCIAL HOUSING	G PARK	DRANDING



PEDESTRIAN	1	COMMERCIAL		UPGRADE HOUSING	RDANDING
TRANSPORT	NE'	W SOCIAL HOUSI	NG	PARK	DRANDING



PEDESTRIAN	N COMMERCIAL	UPGRADE HOUSING	RD A NIDING
TRANSPORT	NEW SOCIAL HOUSIN	G PARK	BRANDING



PEDESTRIAN	COMMERCIAL	UPGRADE HOUSING	RD A NIDING
TRANSPORT	NEW SOCIAL HOUSIN	G PARK	BRANDING



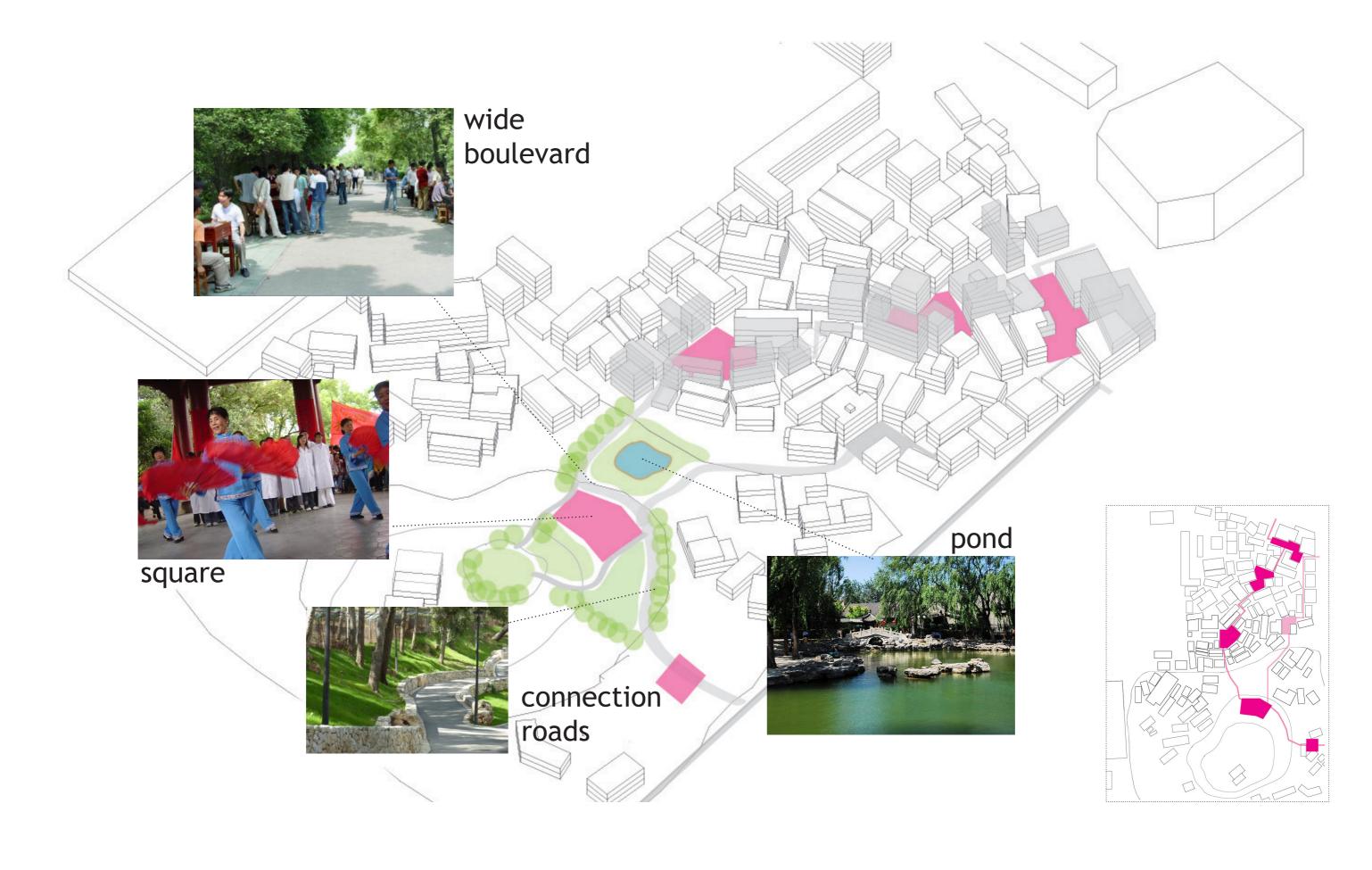




PEDESTRIANCOMMERCIALUPGRADE HOUSINGTRANSPORTNEW SOCIAL HOUSINGPARK



RDANDING	UPGRADE HOUSING	COMMERCIAL	PEDESTRIAN
DRANDING	PARK	NEW SOCIAL HOUSING	TRANSPORT



RDANDING	UPGRADE HOUSING	COMMERCIAL	PEDESTRIAN
DRANDING	PARK	NEW SOCIAL HOUSING	TRANSPORT



PEDESTRIAN	COMMERCIAL	UPGRADE HOUSING	RPANDING
TRANSPORT	NEW SOCIAL HOUSING	PARK	DIVARIDING

Infrastructure



Infrastructure

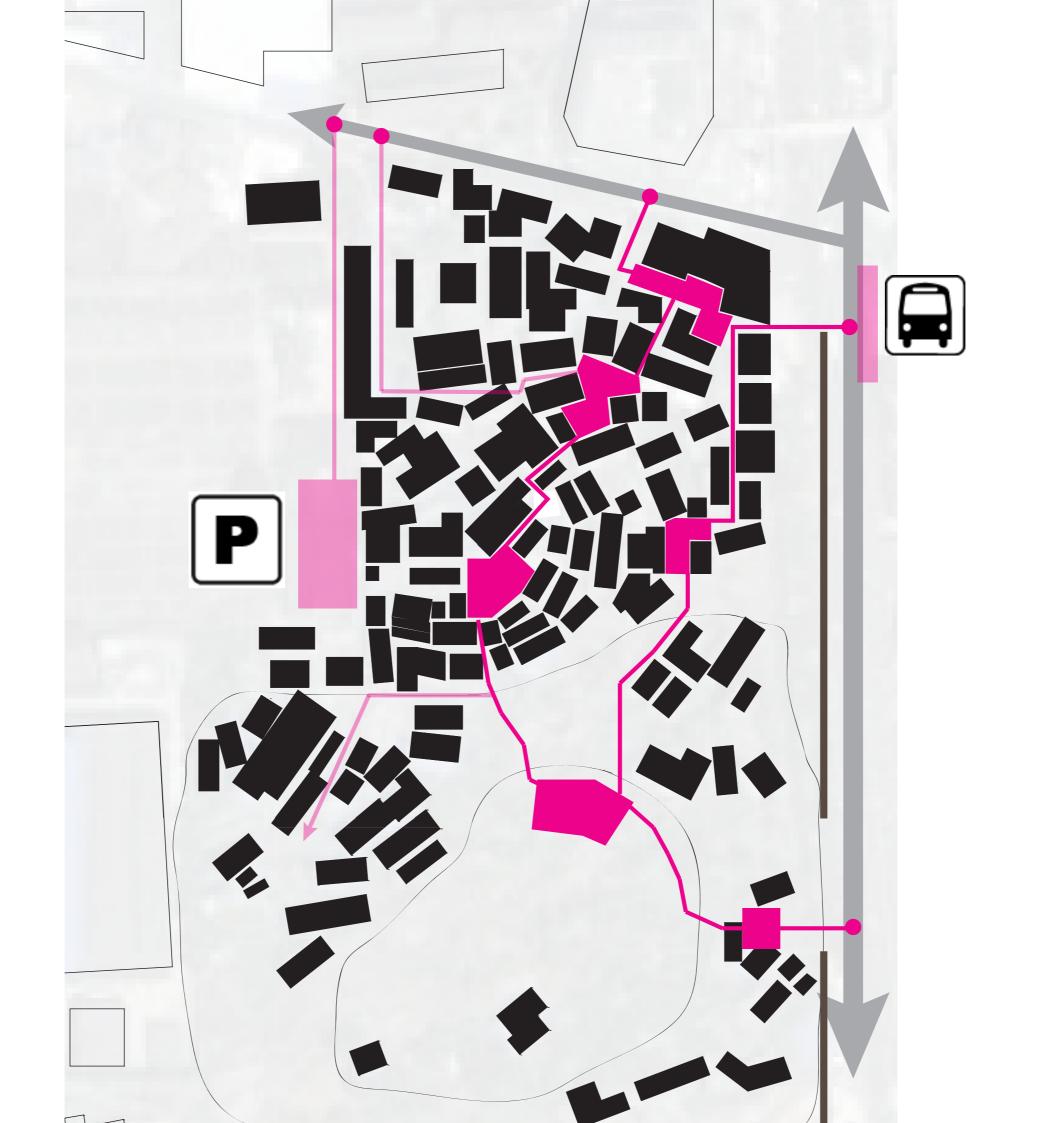
main network



Infrastructure commercial



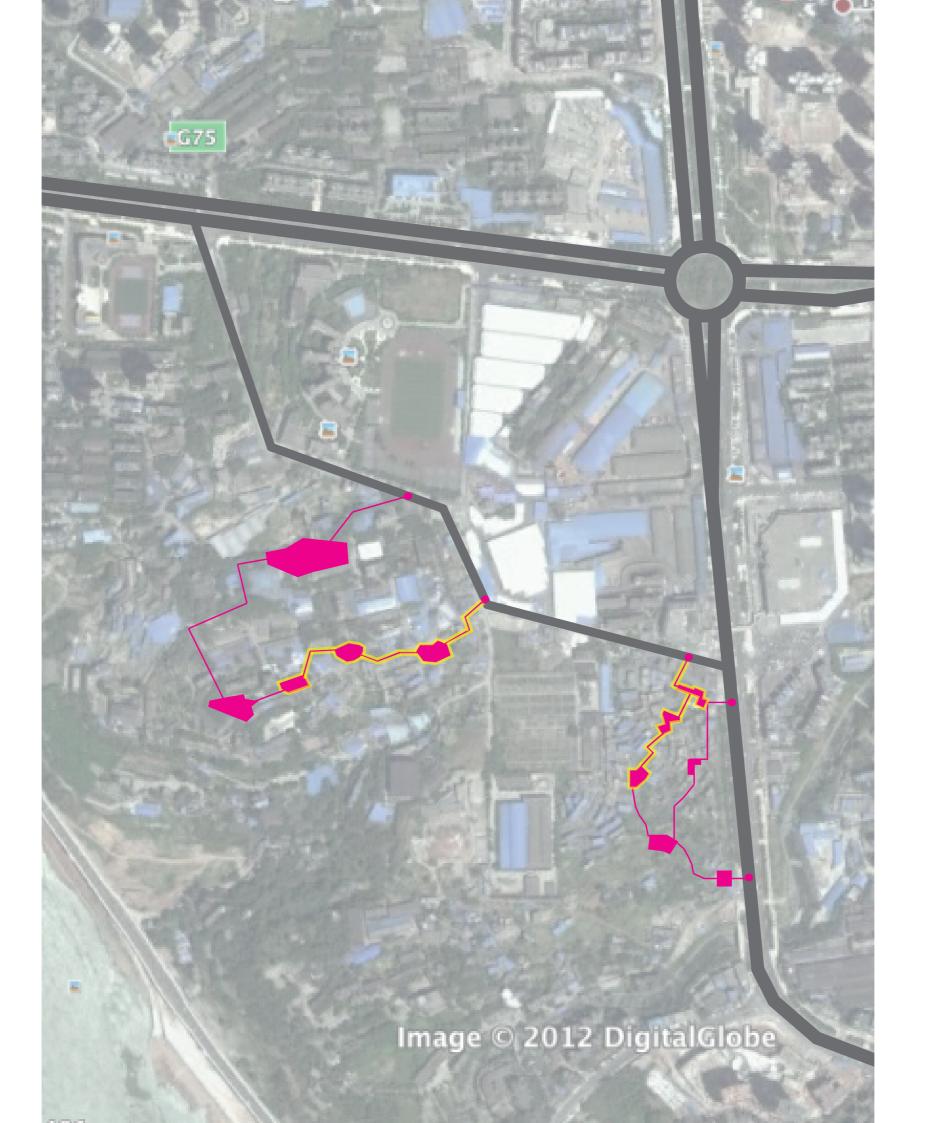
Infrastructure transport



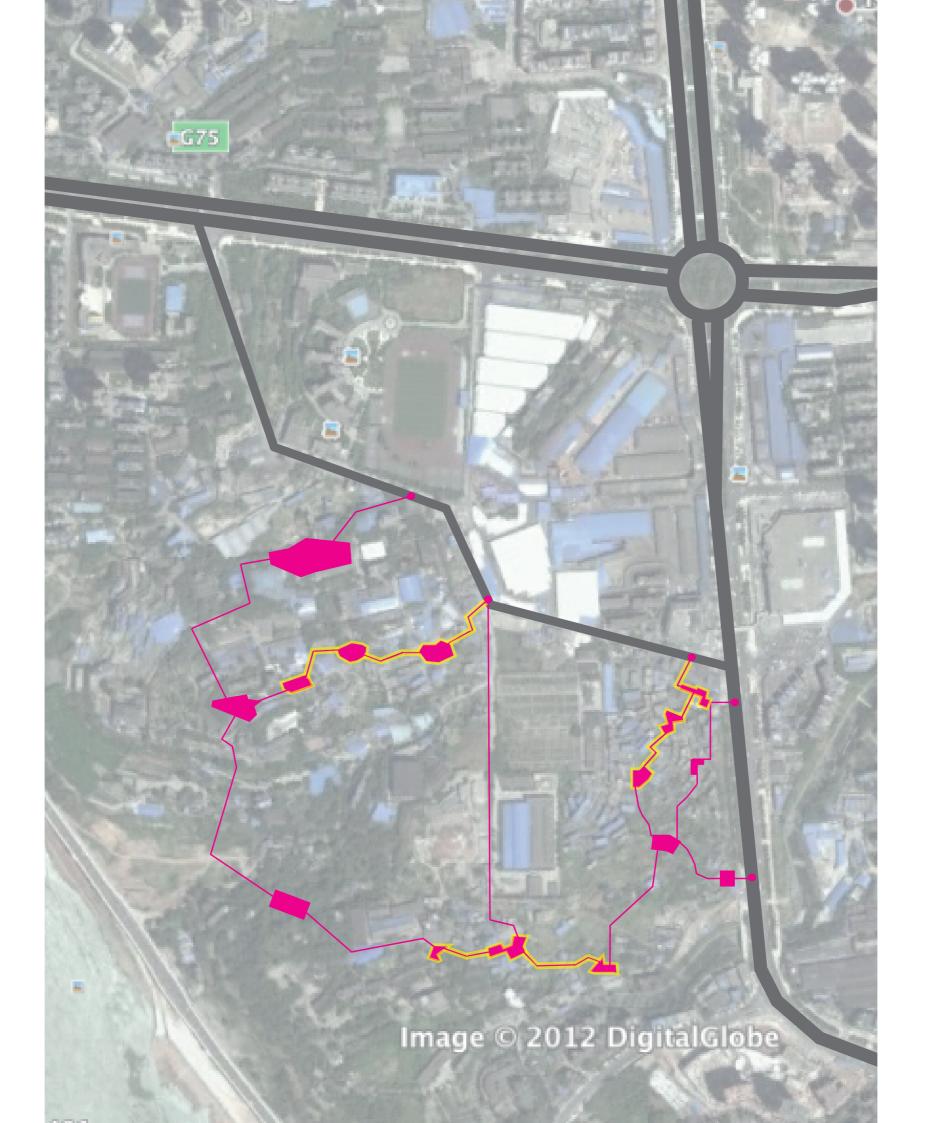
Infrastructure regional scale

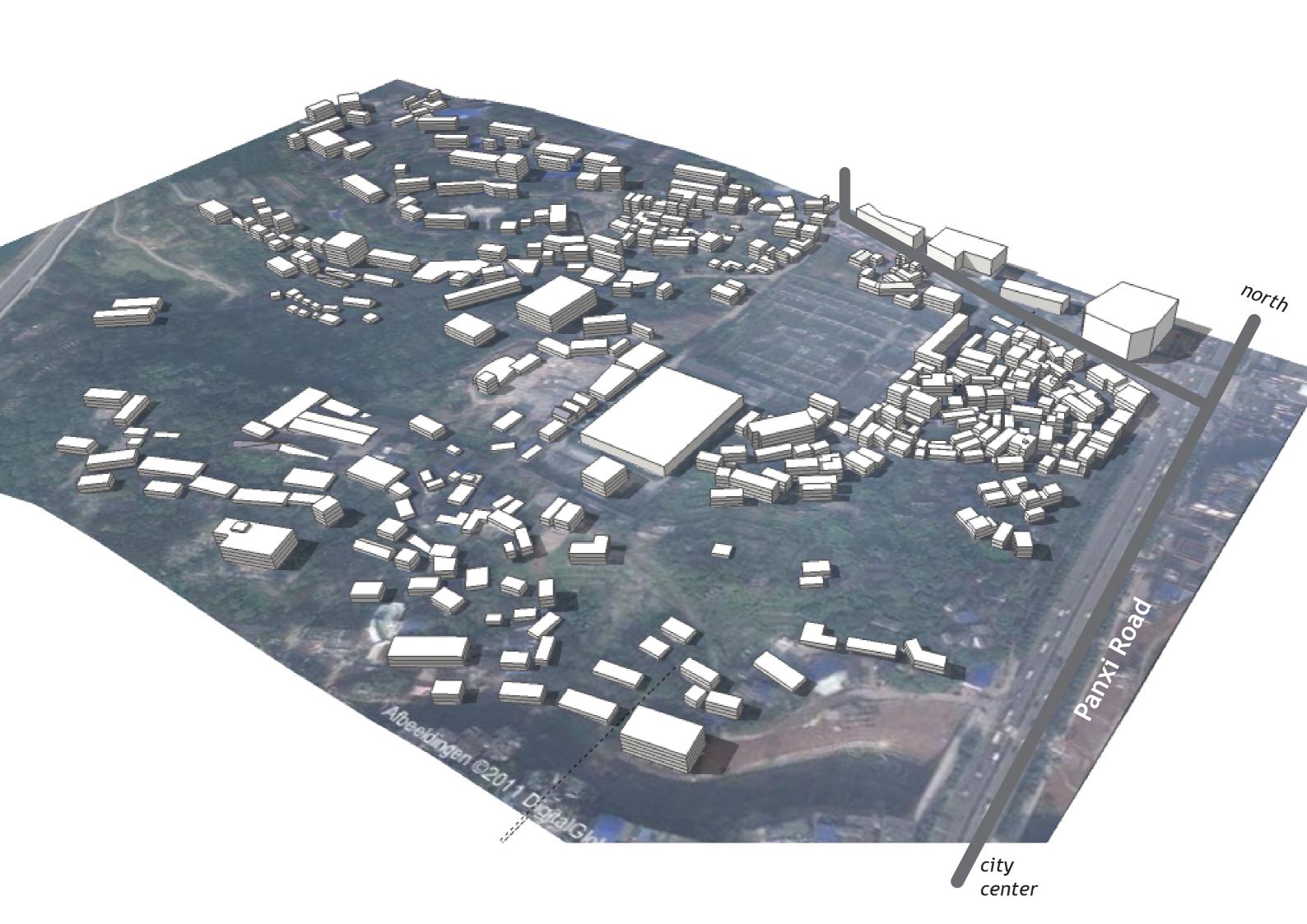


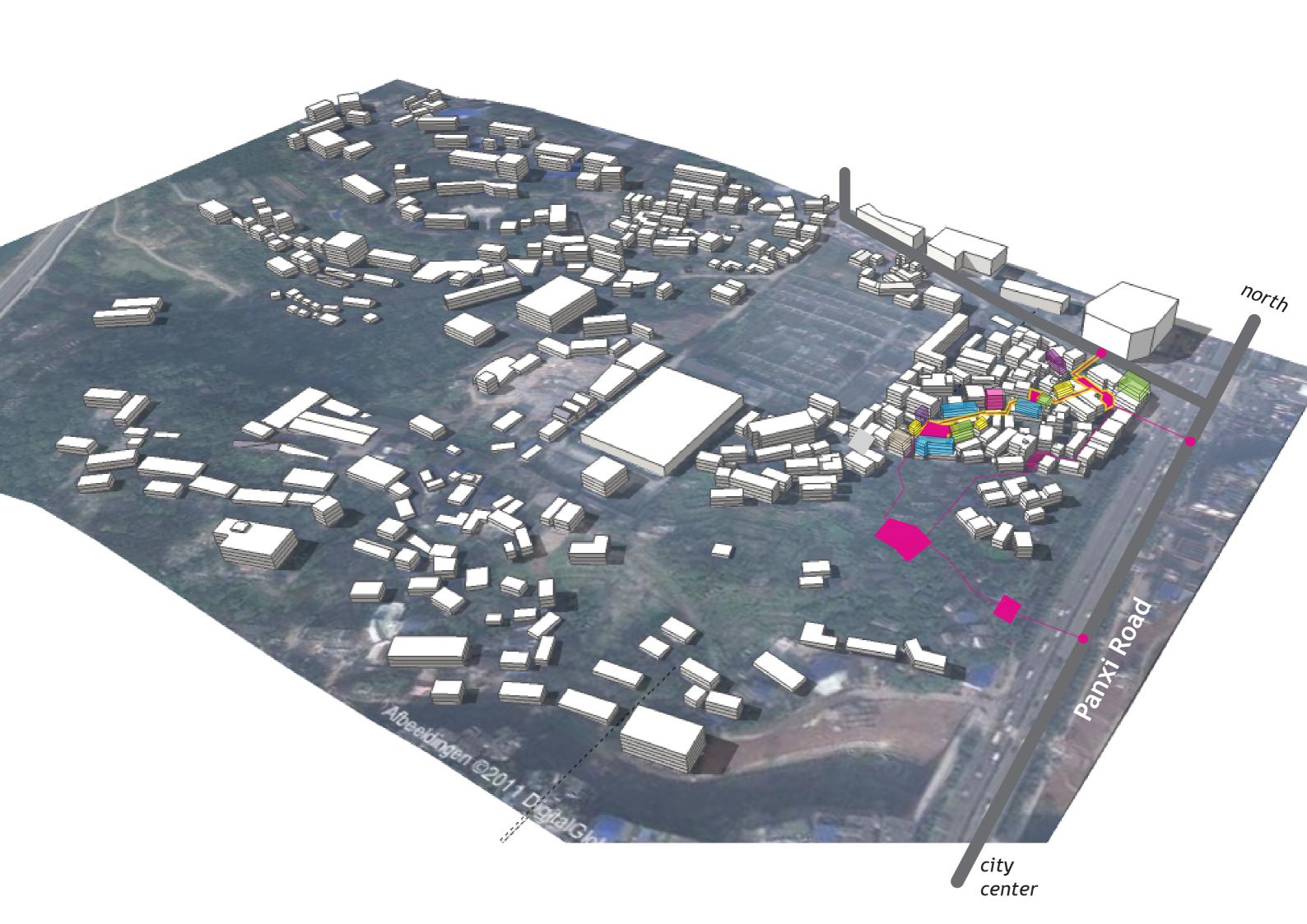
Infrastructure regional scale

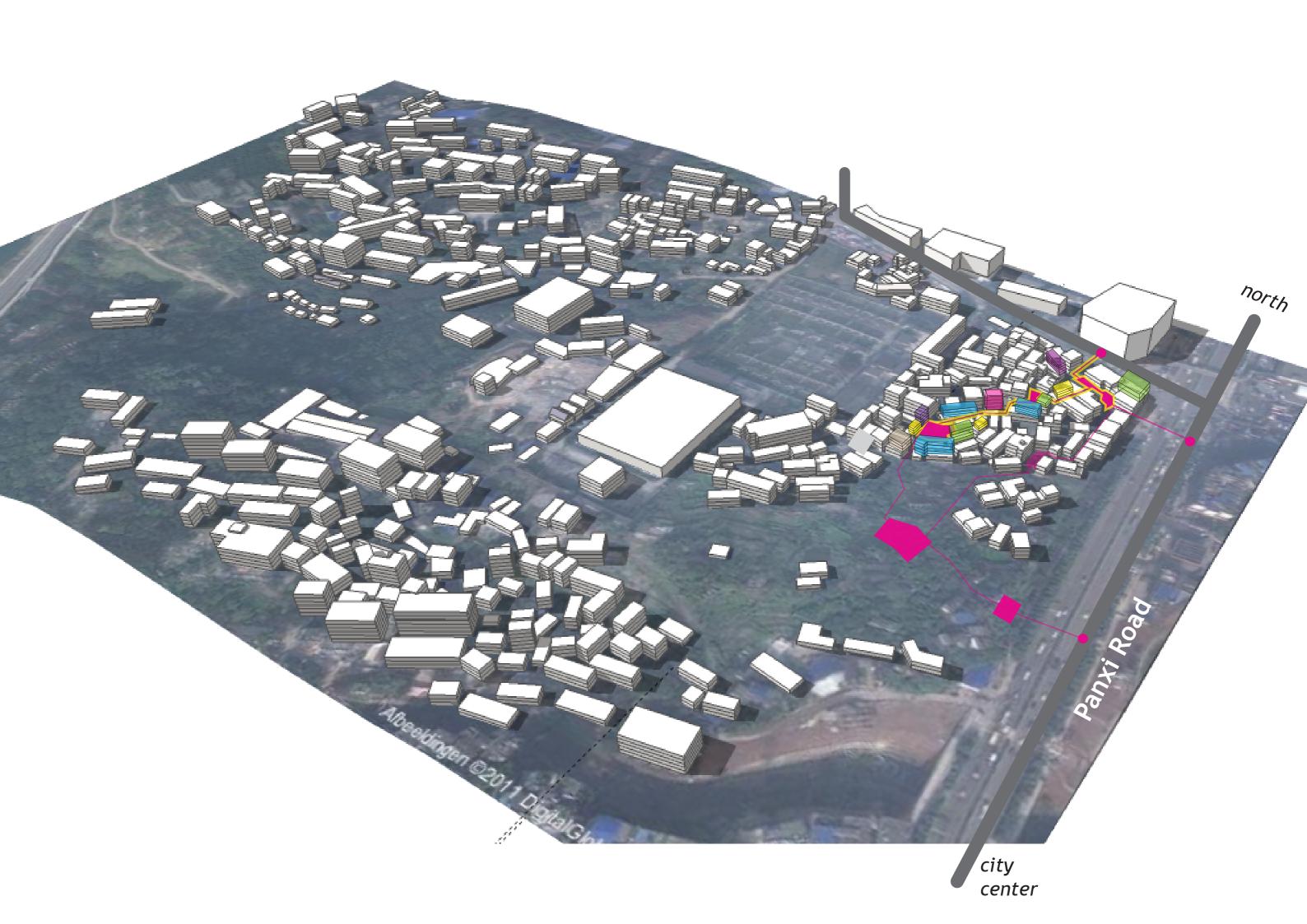


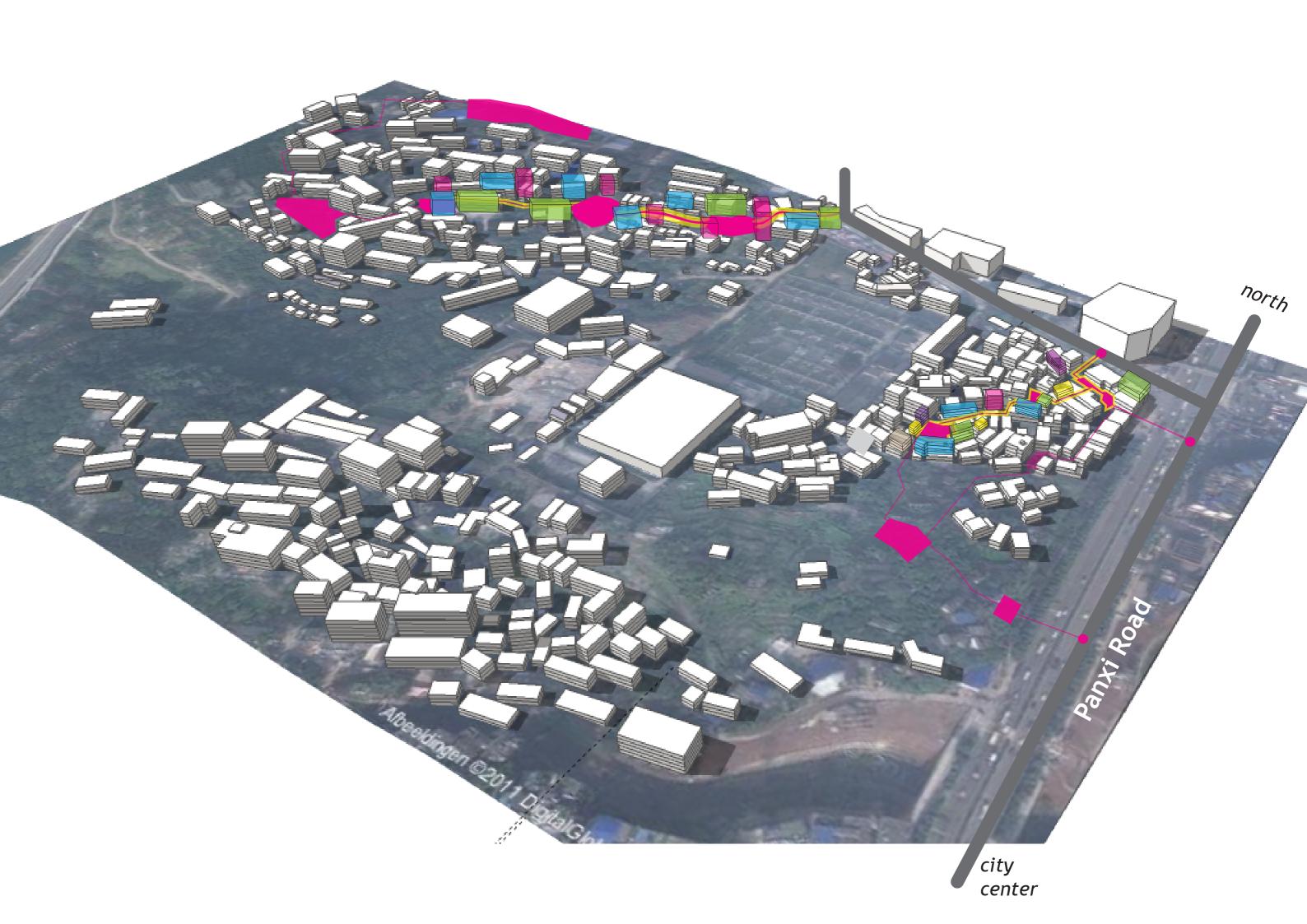
Infrastructure regional scale

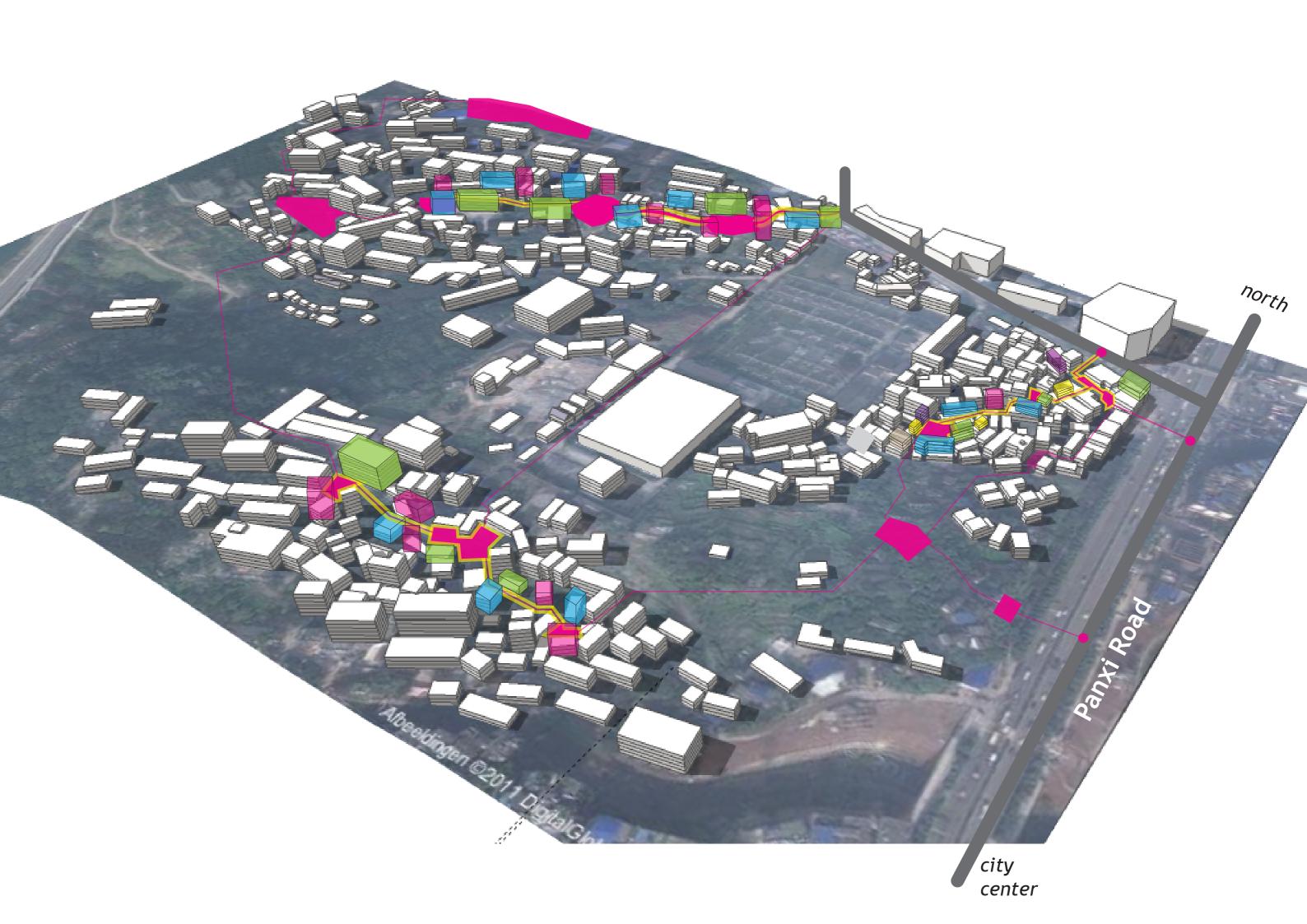
















50.000 m2 + **3000**m2: **53.000** m2 current BVO

1045 inhabitants * 50m2 = 52.250 m2 desired BVO (short-term)



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50.000 m2 + **3000**m2: **53.000** m2 current BVO

1045 inhabitants * 50m2 = 52.250 m2 desired BVO (short-term)

1045 inhabitants * 80m2 = 83.600 m2 desired BVO (long-term)

Current Course of Events

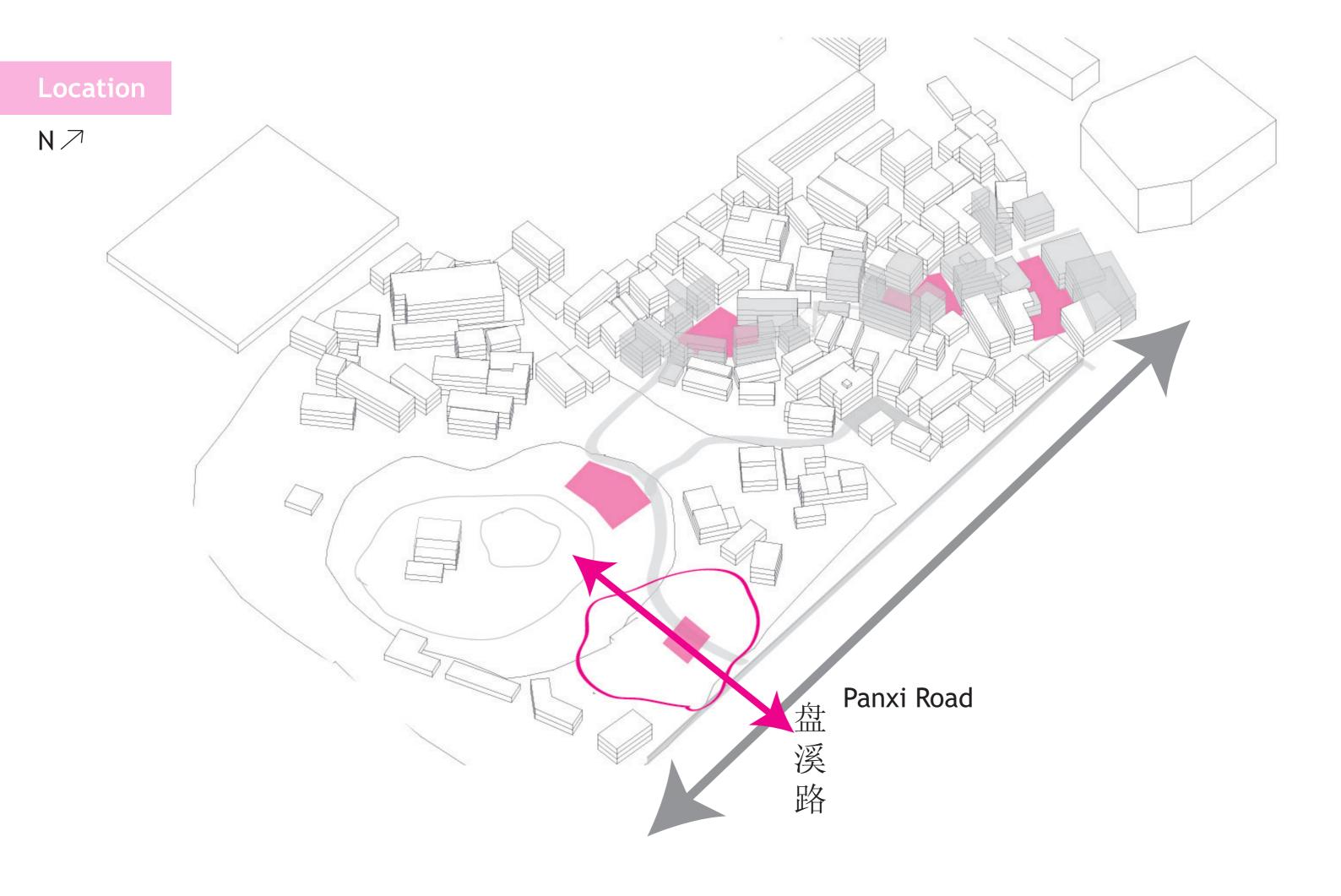
Aims & Strategy

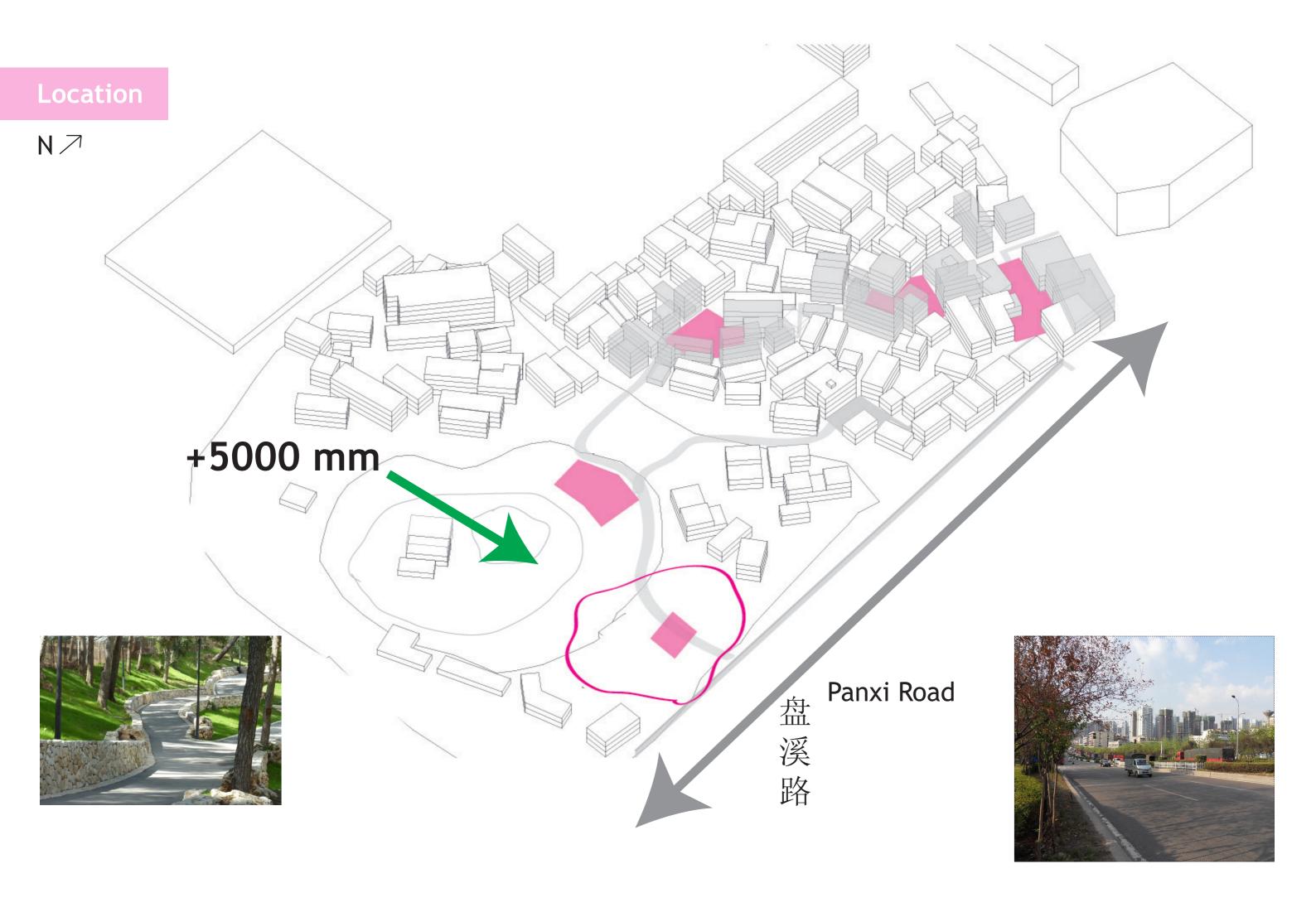
Execution: Urban & Architecture

Future Scenario's









Increase Density with Liveability (26.000 inh./km2; OSR 30%)

Offer Space for Future Adaptibility

Slow Down Current Pace of Development

Maintain and Expand Housing aimed at Low-Income Groups

Increase Density with Liveability (26.000 inh./km2; OSR 30%)

Create Quality Open Spaces

Offer Space for Future Adaptibility

Adjustable for Future Users

Slow Down Current Pace of Development

Short Construction Time

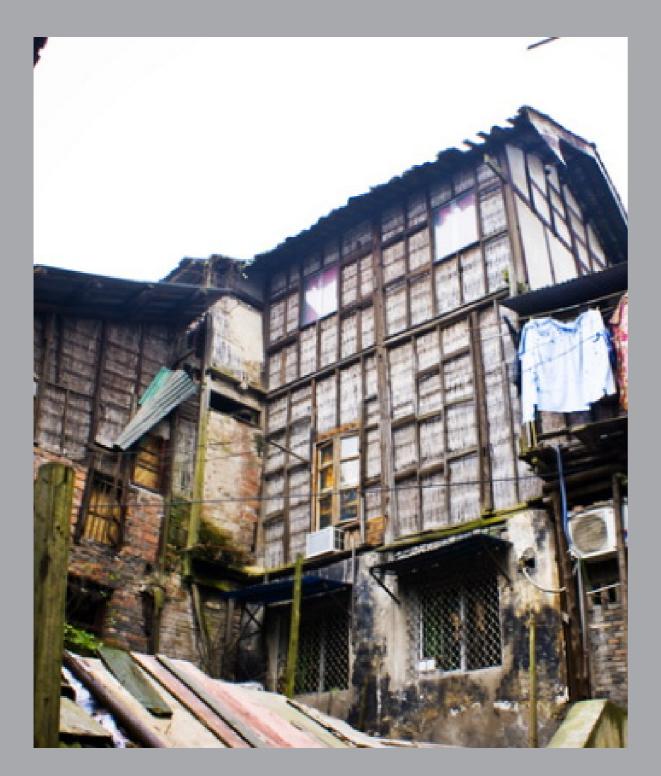
Maintain and Expand Housing aimed at Low-Income Groups

Aimed at Low-Income Groups

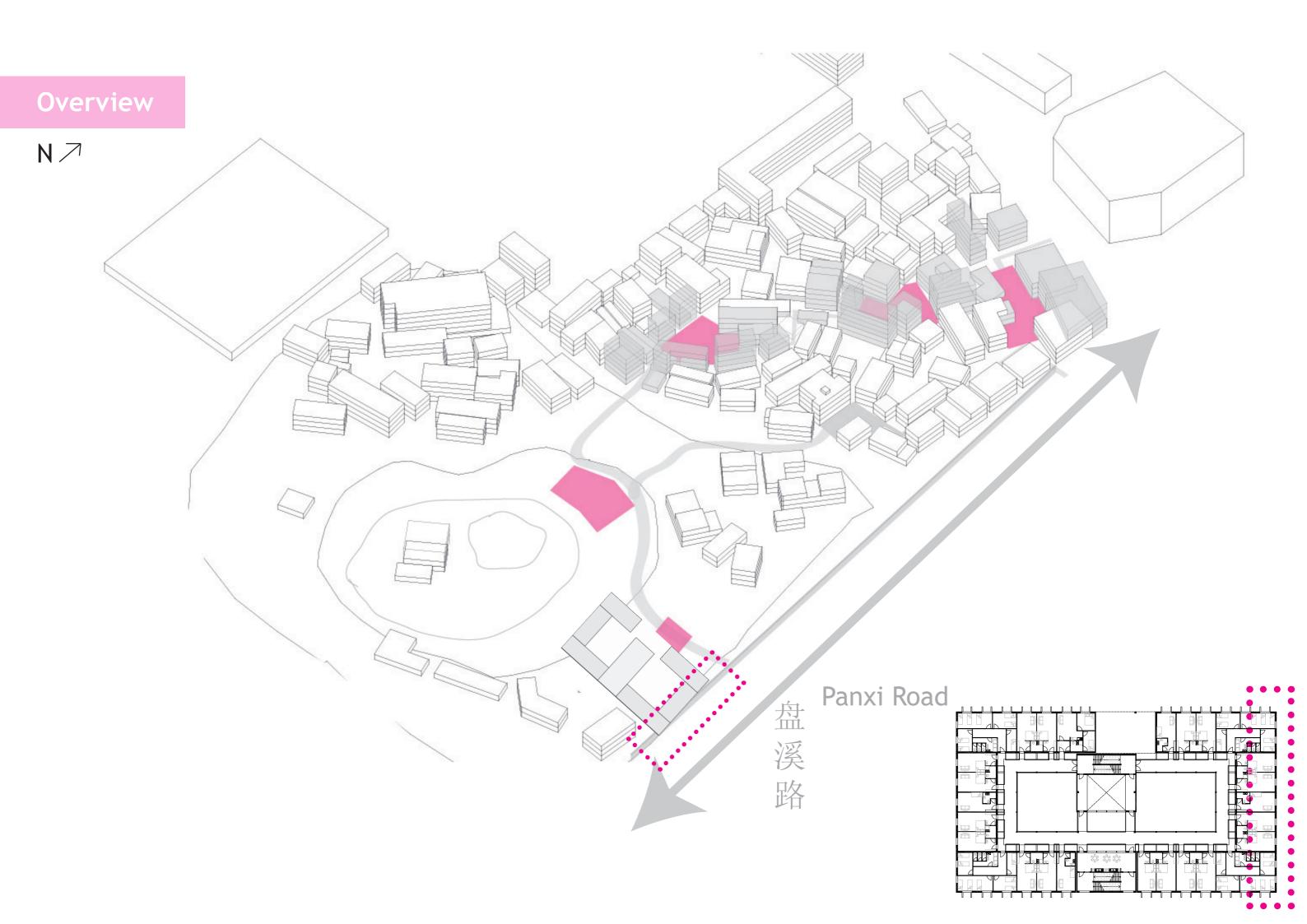




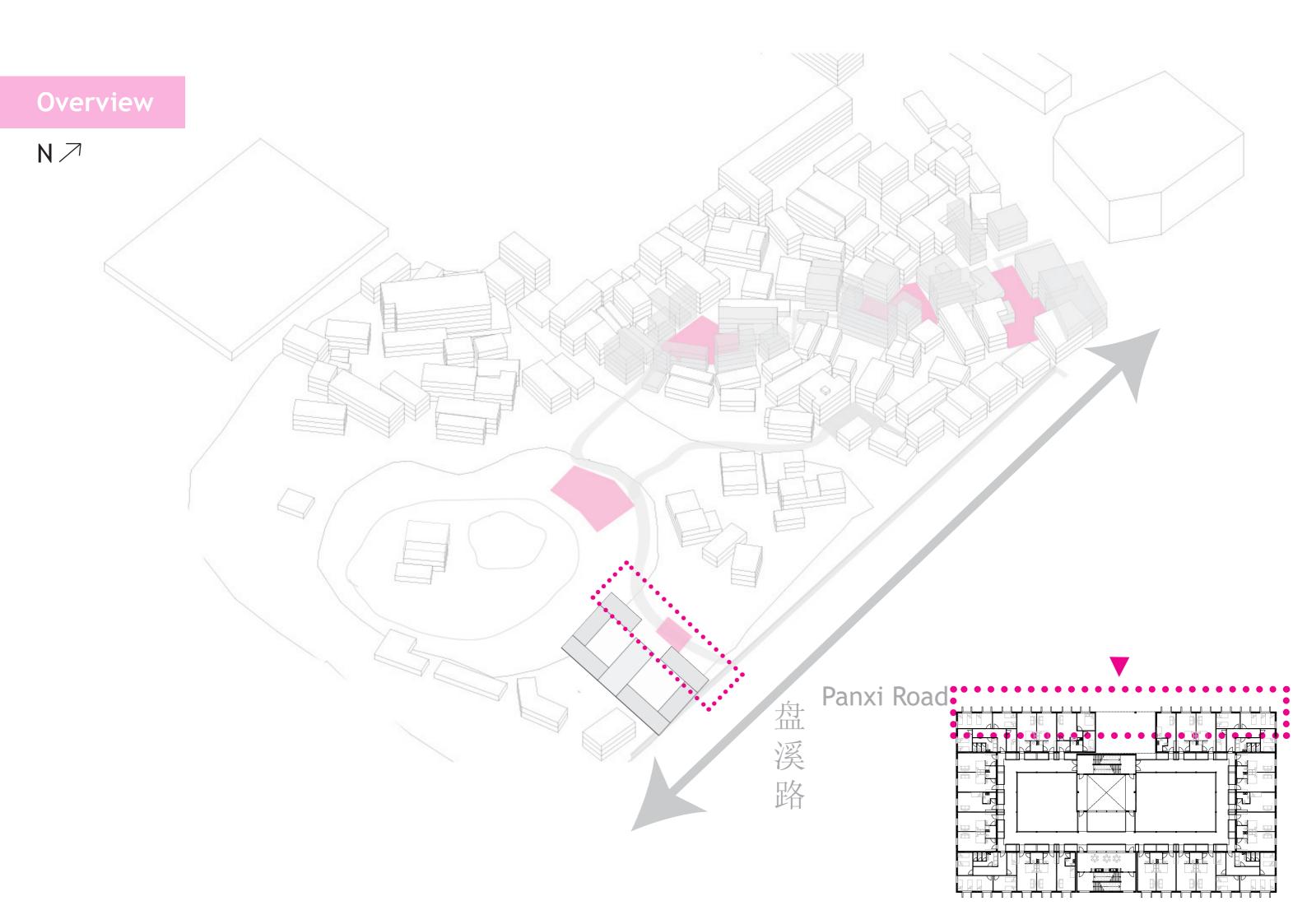








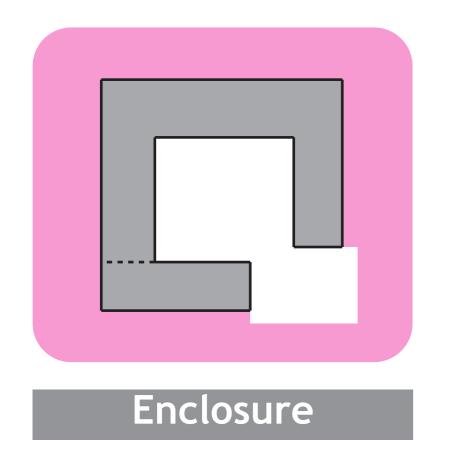


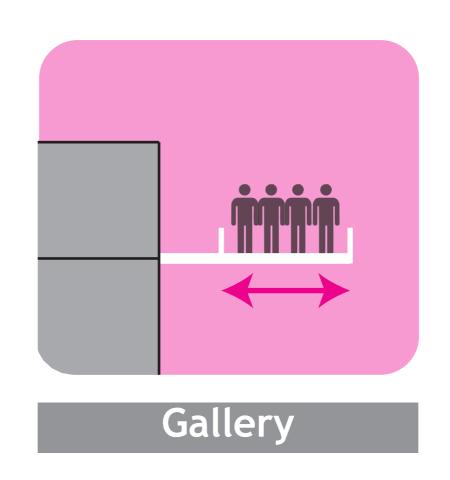


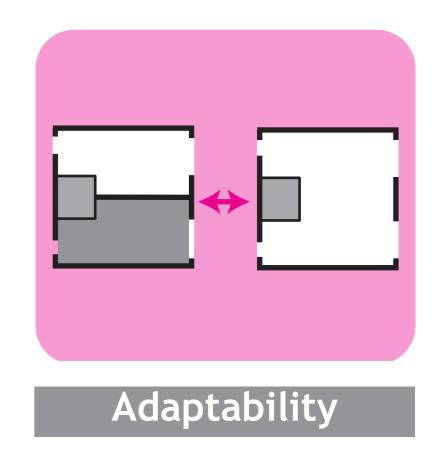


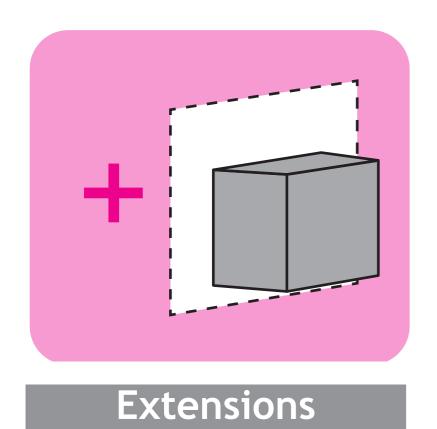


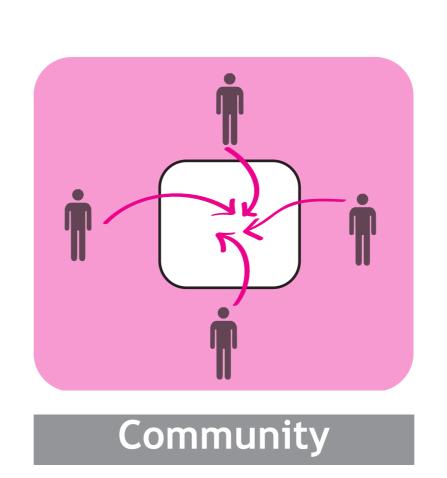


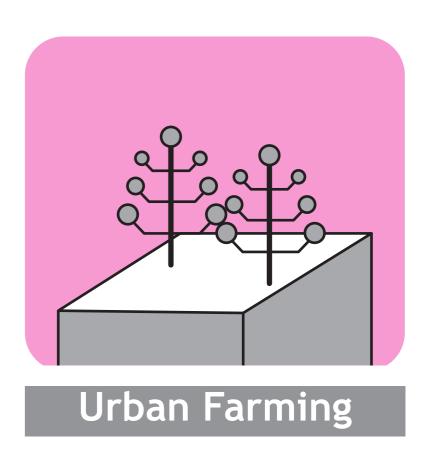


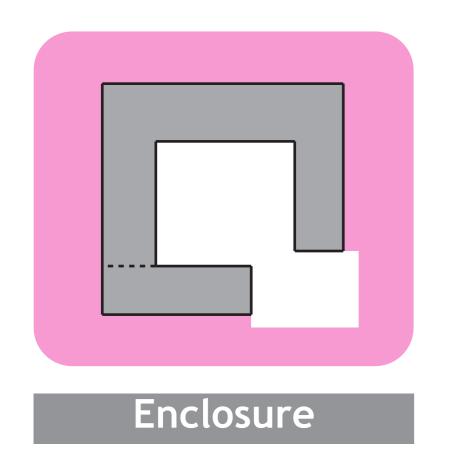


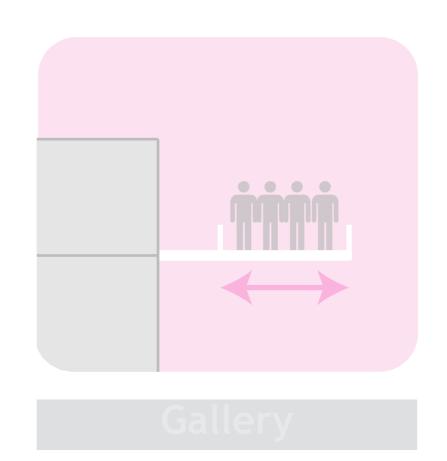


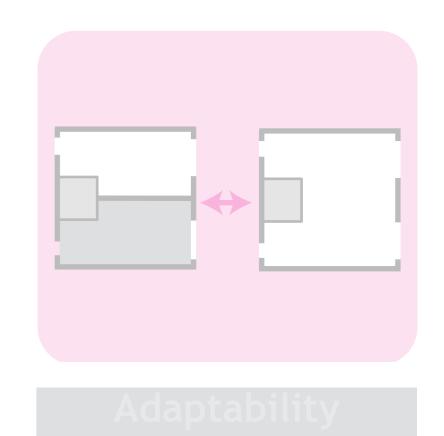


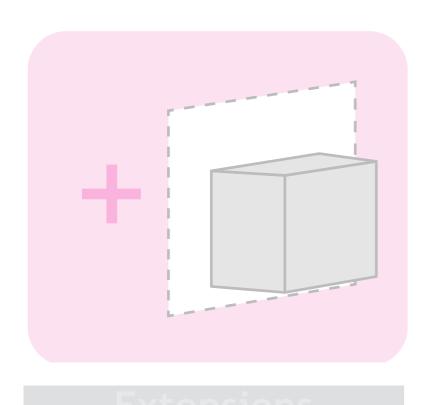


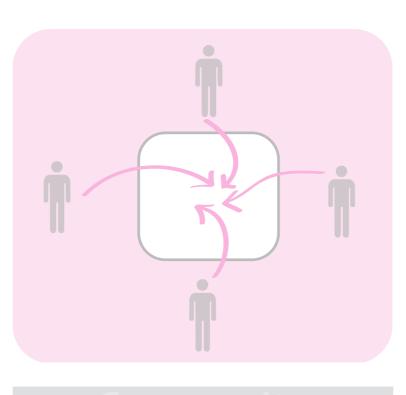


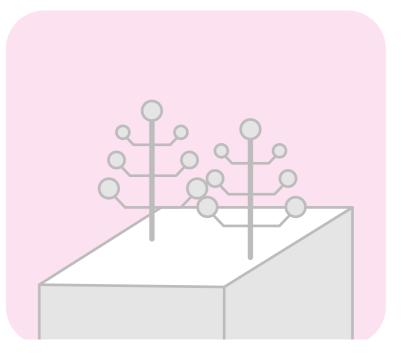






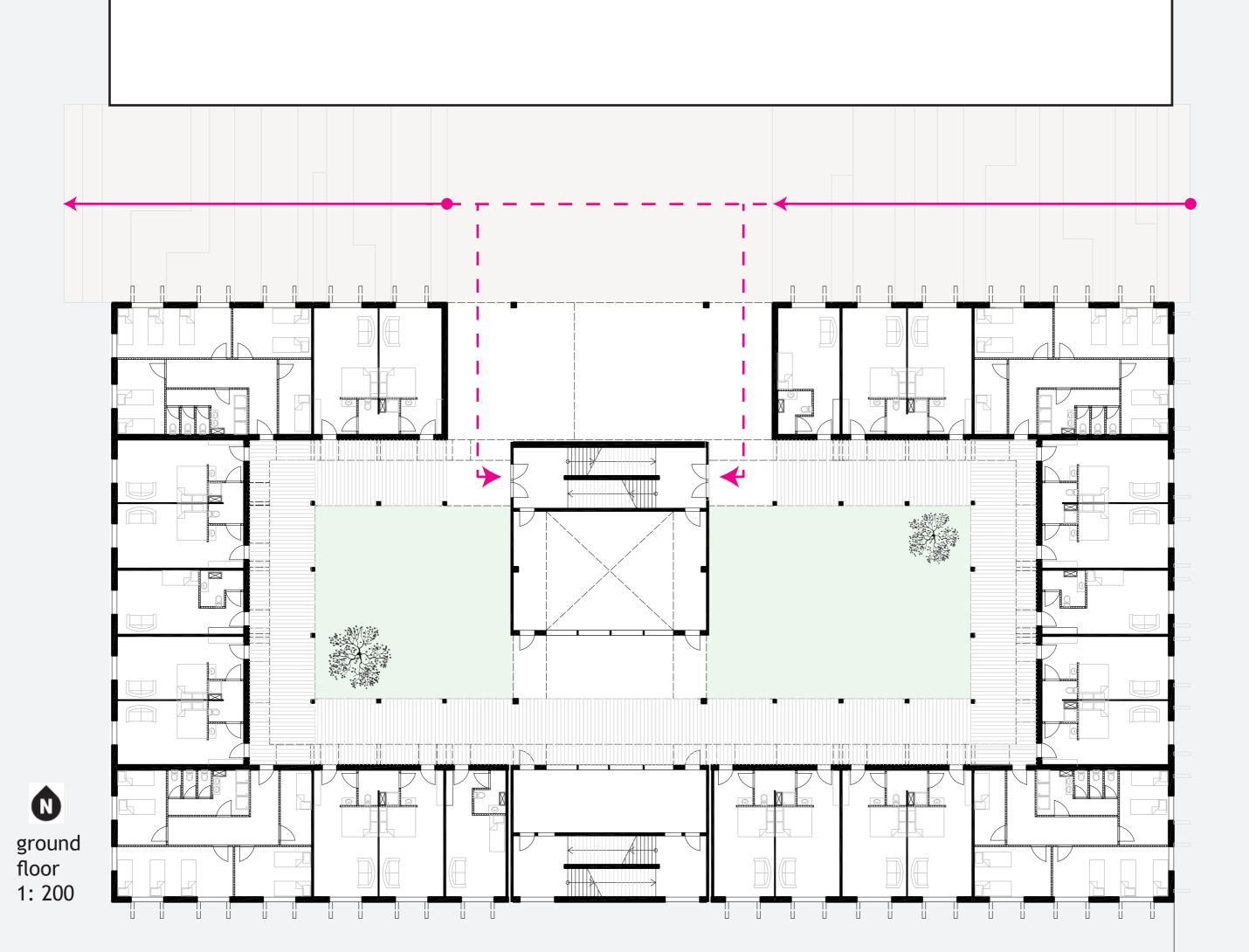




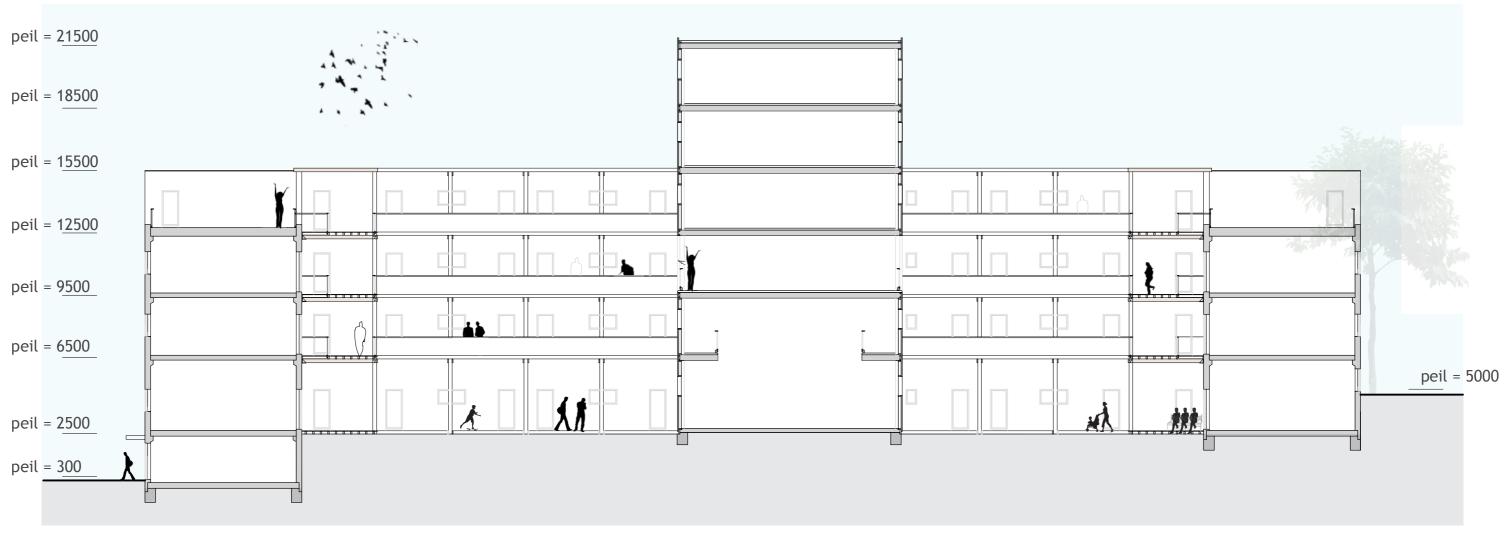


Community

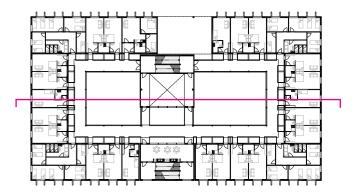
Urban Farming



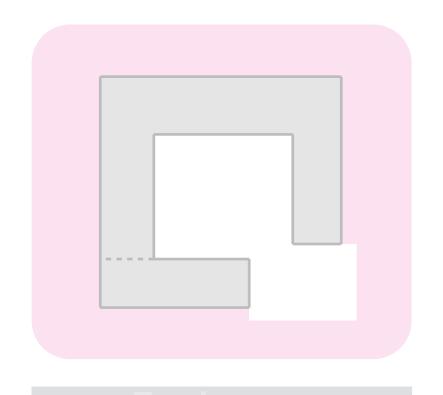


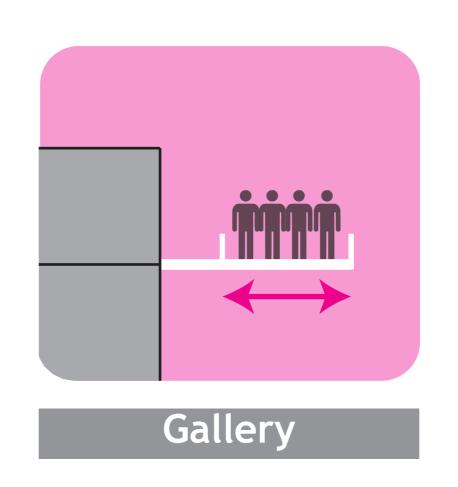


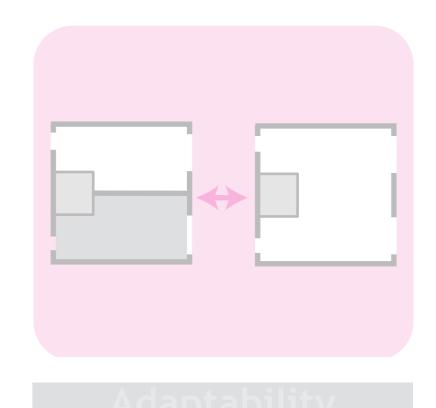
longitudinal section 1: 200

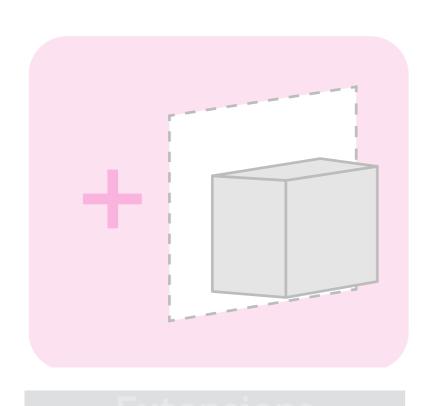


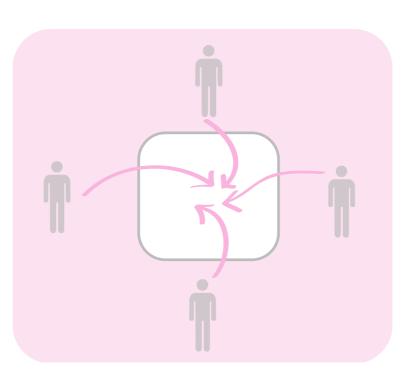


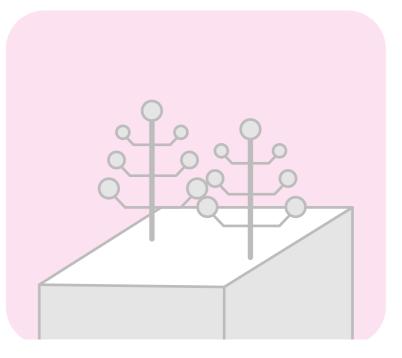






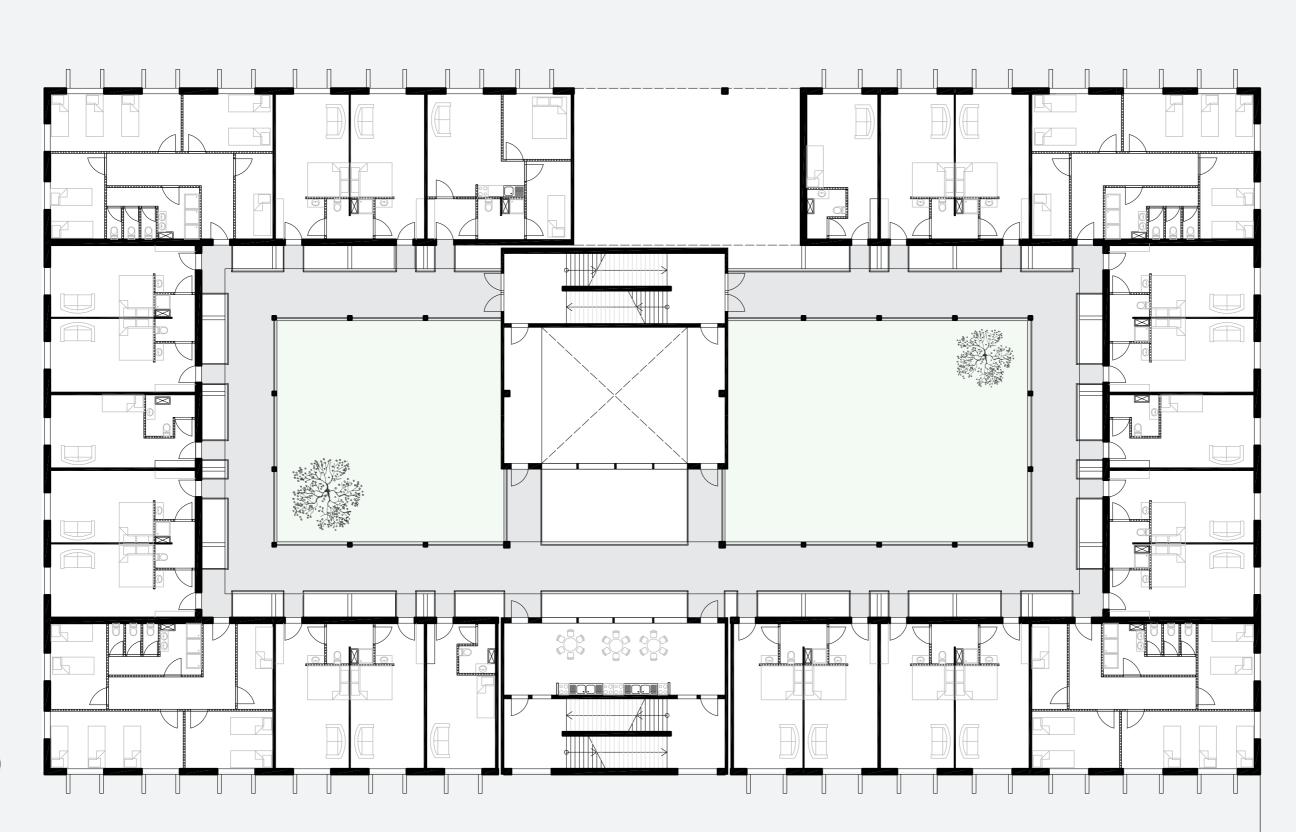




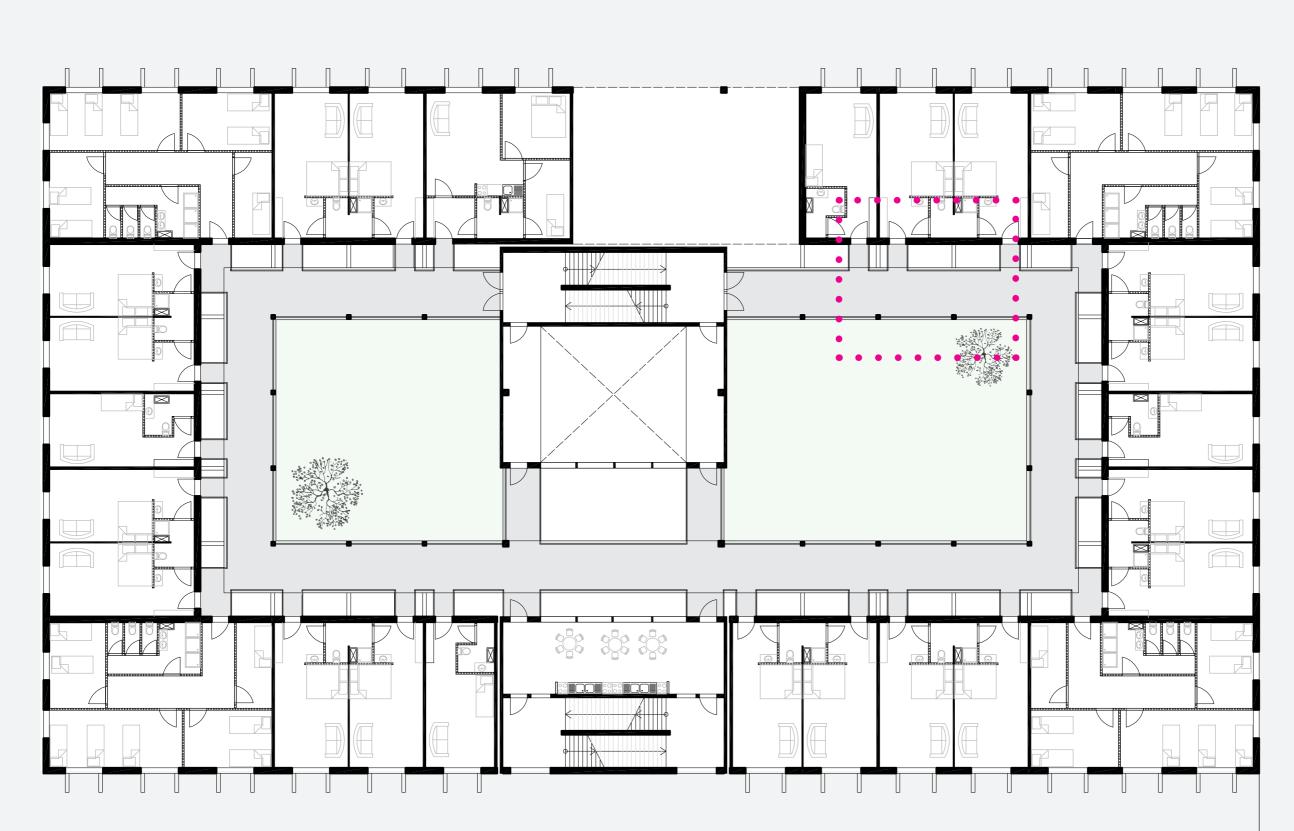


Community

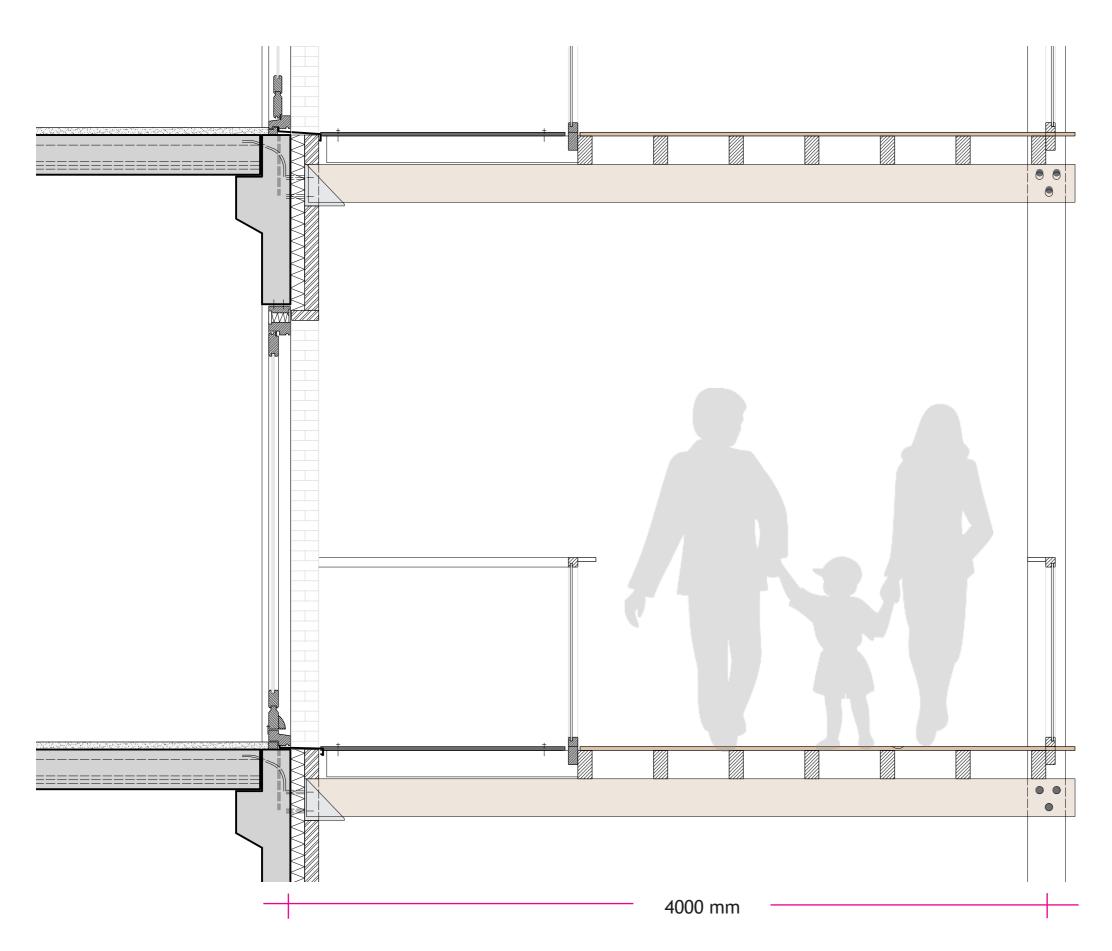
Urban Farming



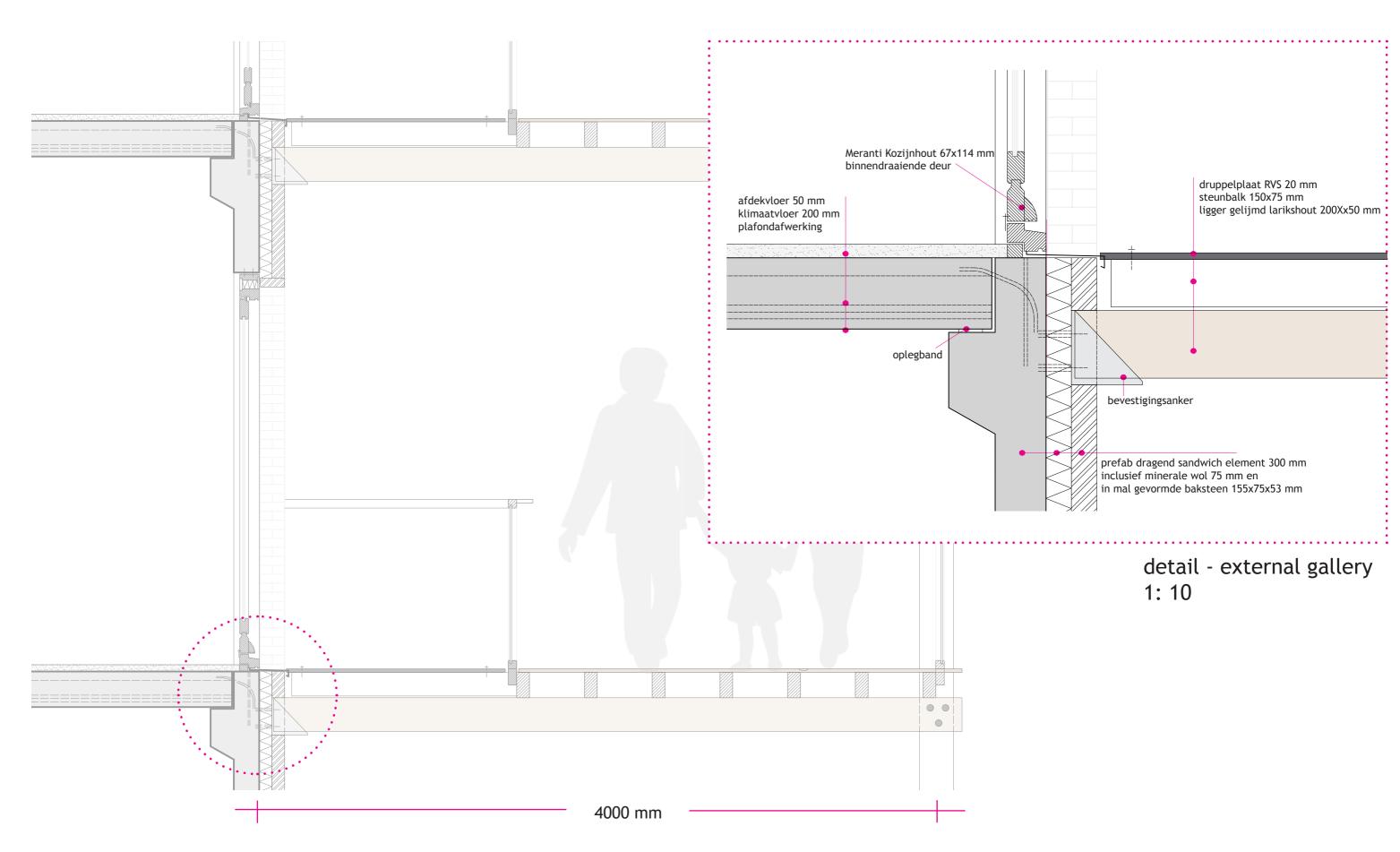




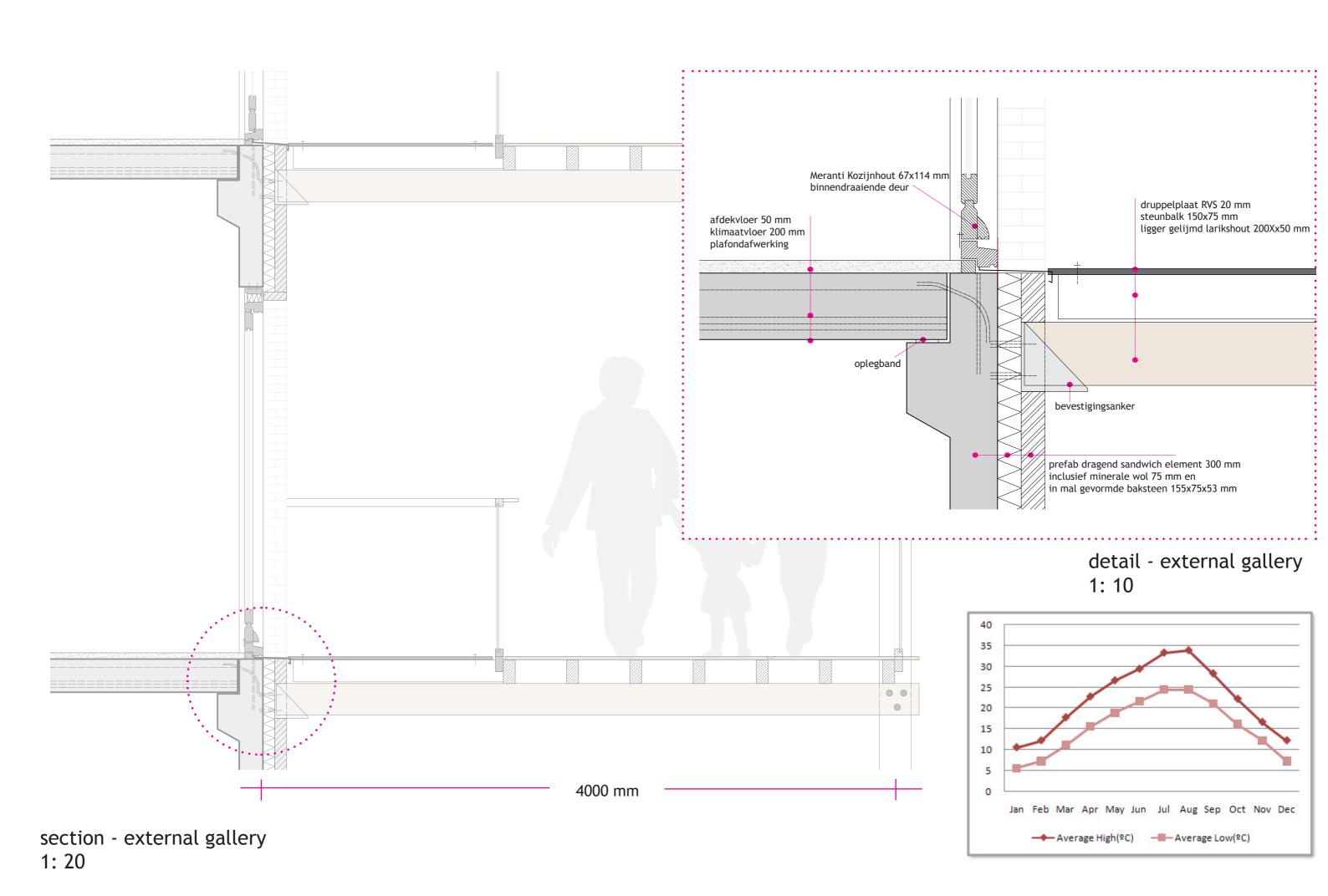




section - external gallery 1: 20

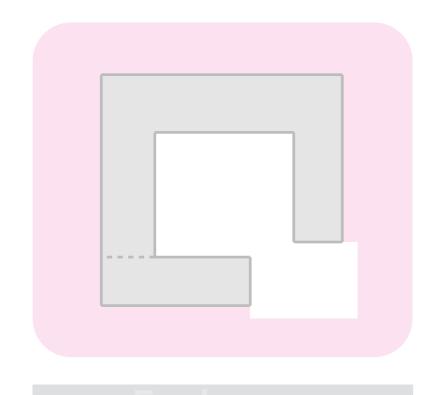


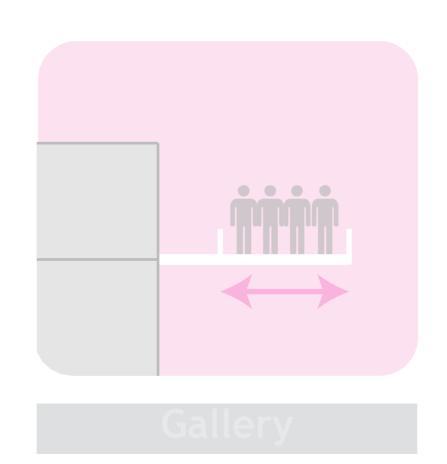
section - external gallery 1: 20

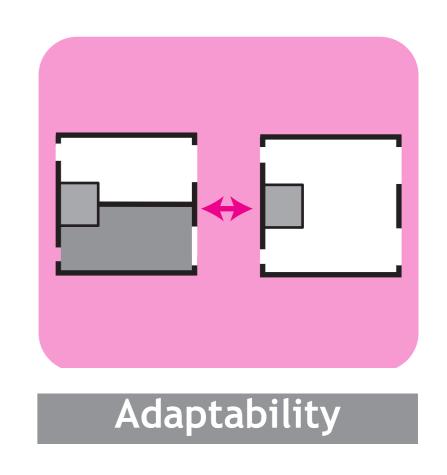


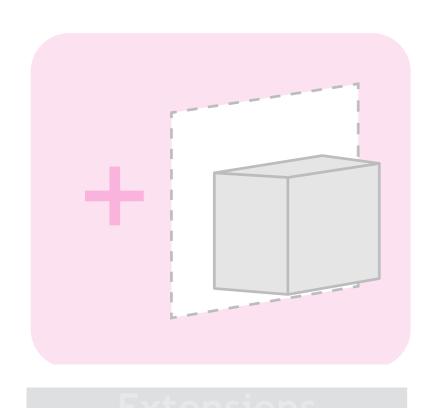


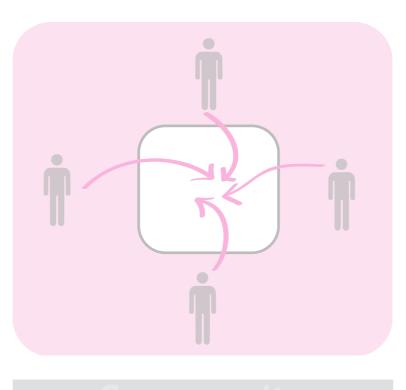


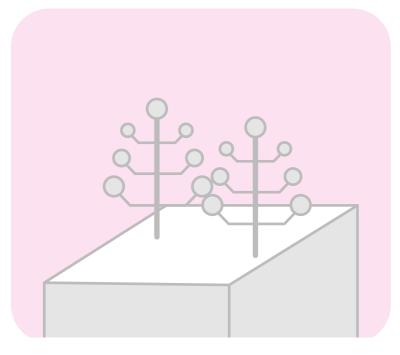










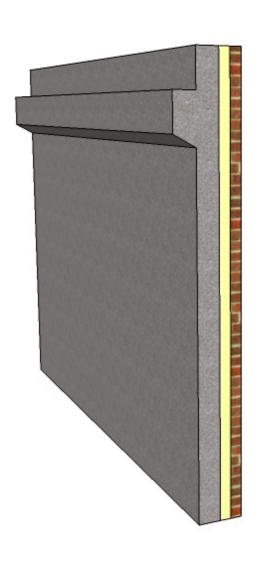


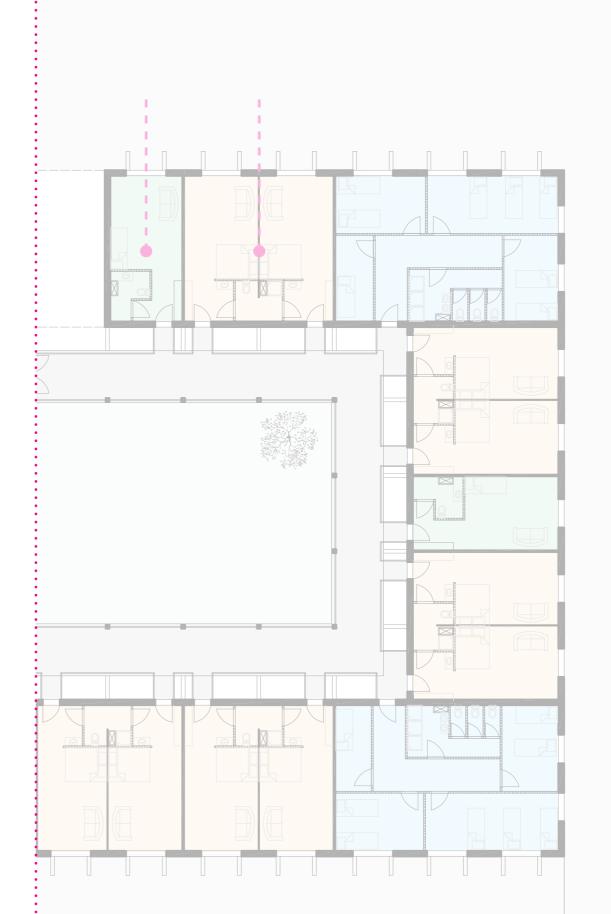
Community

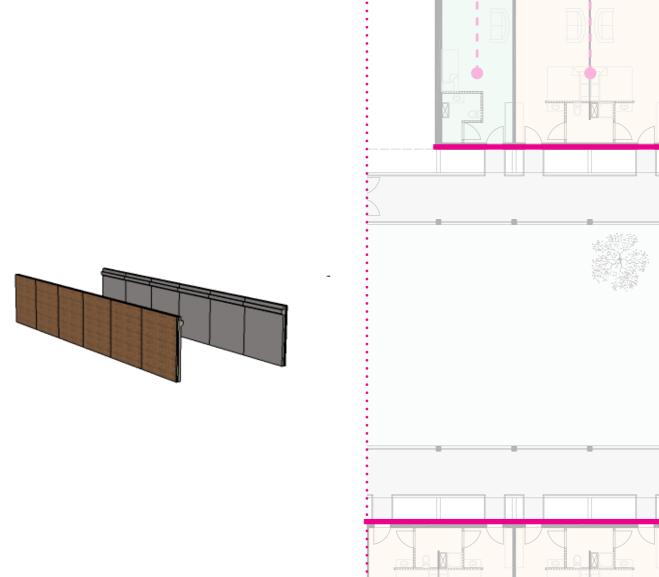
Urban Farming

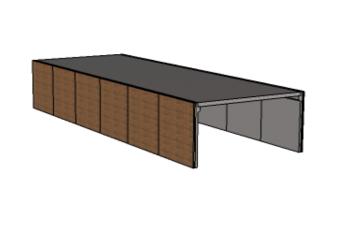




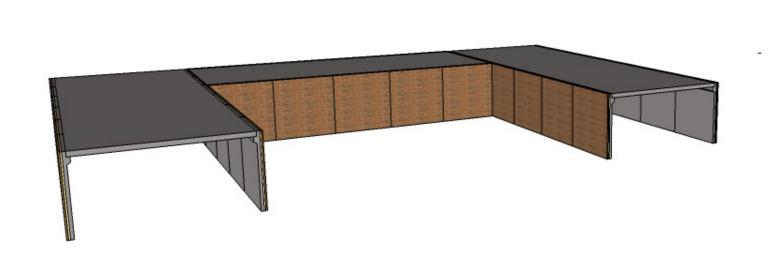


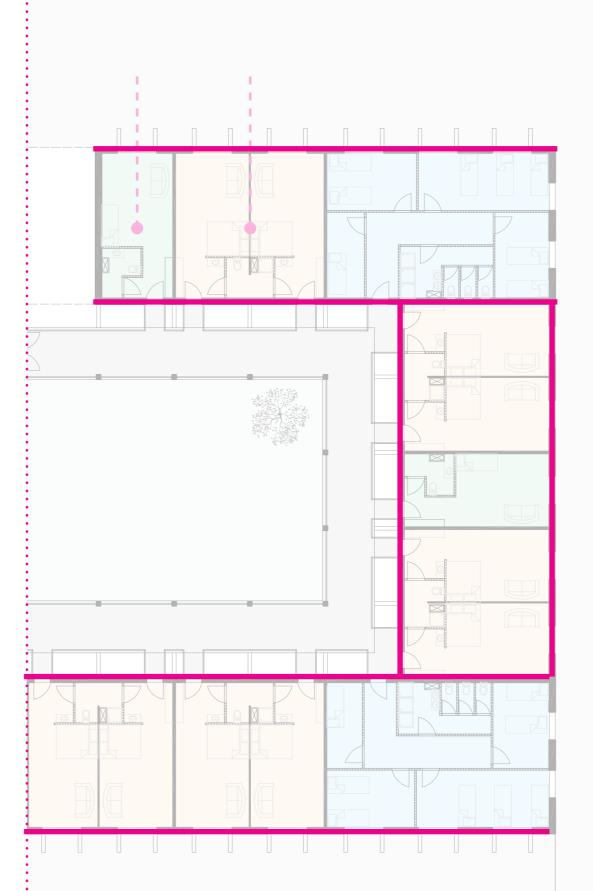


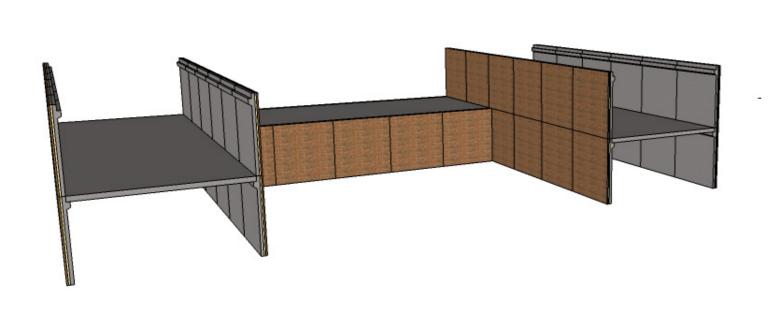


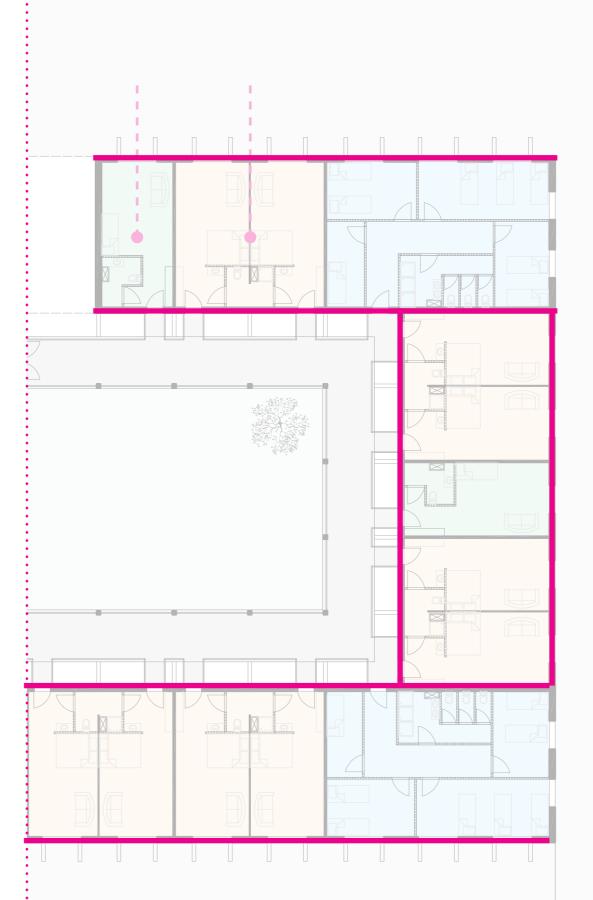


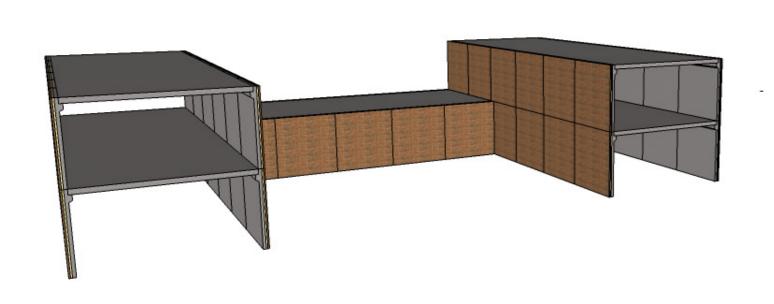


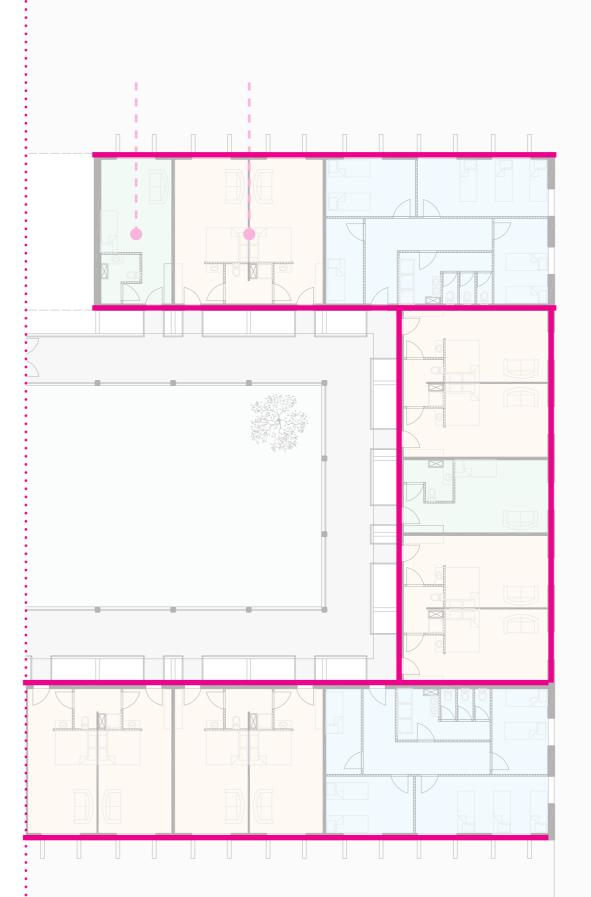


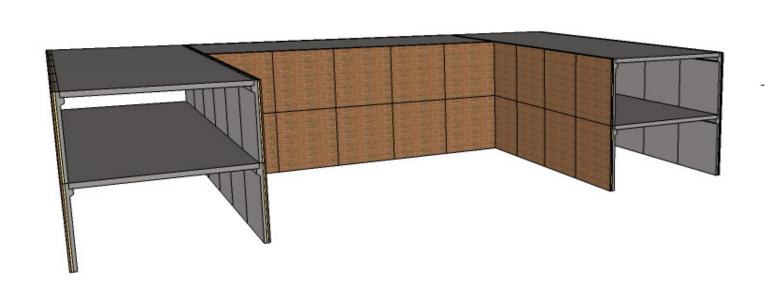


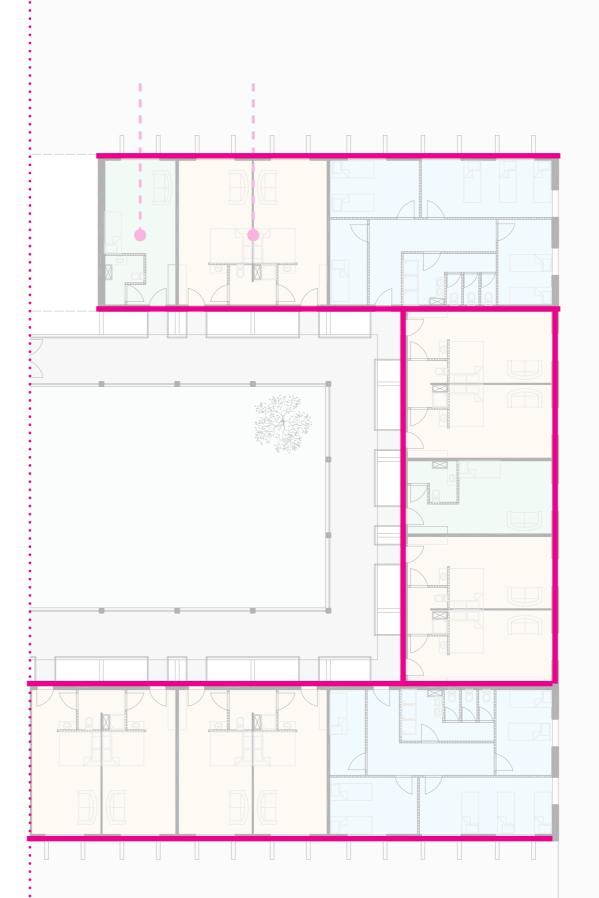


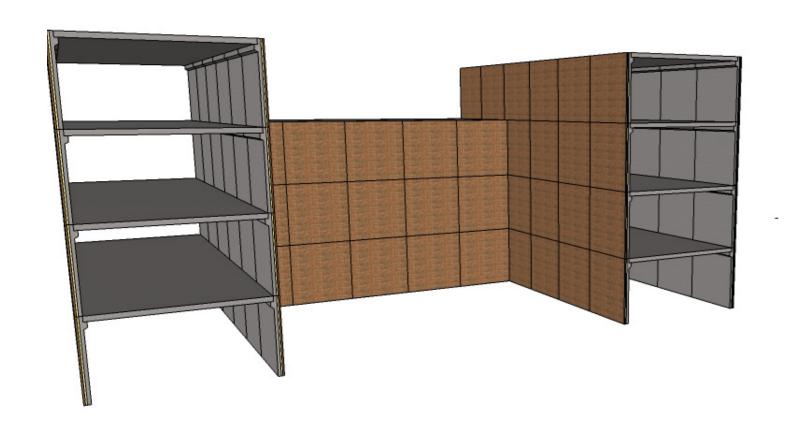


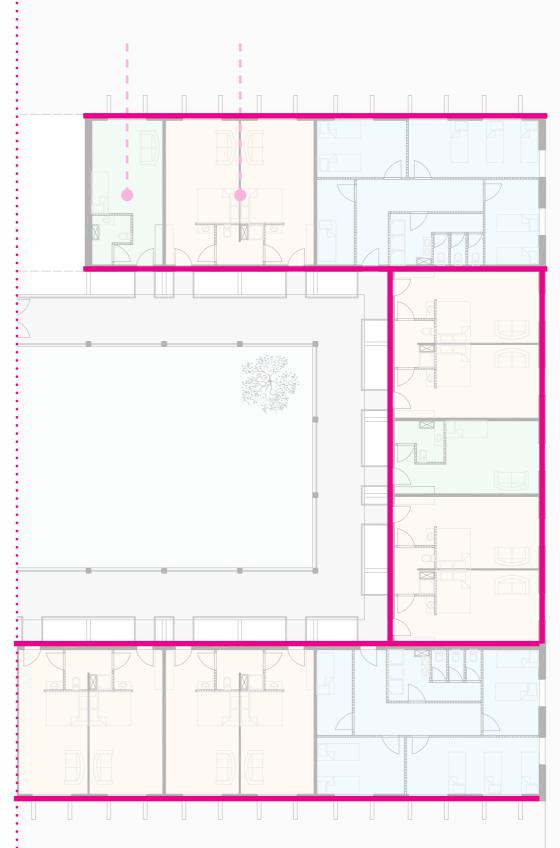


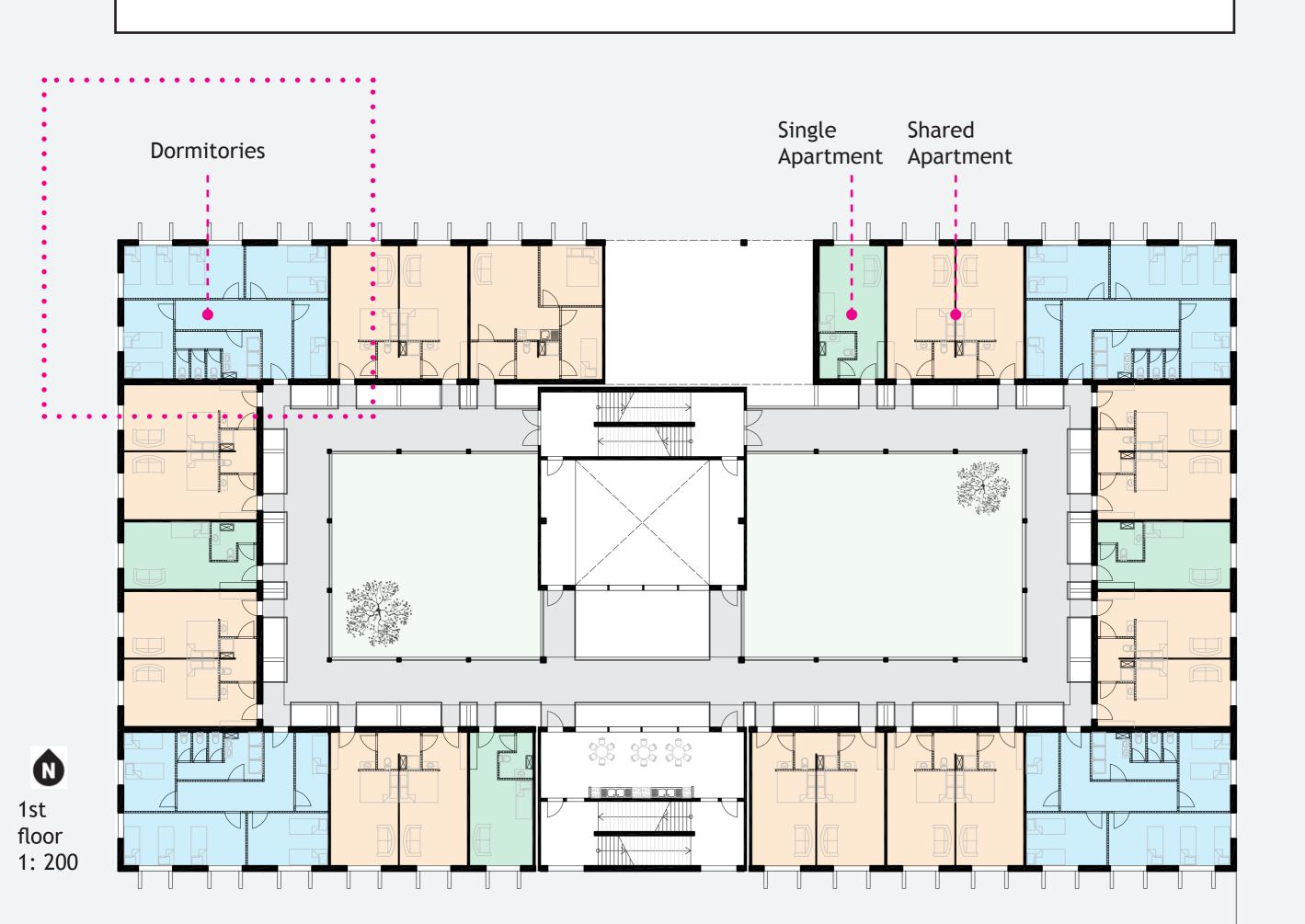








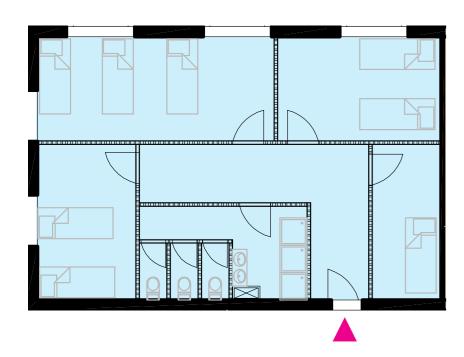




Dormitories

39% of total residential floor area shared facilities

3m2 per person





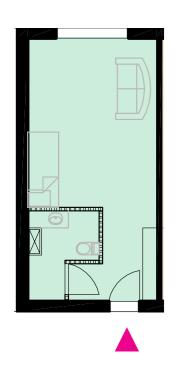


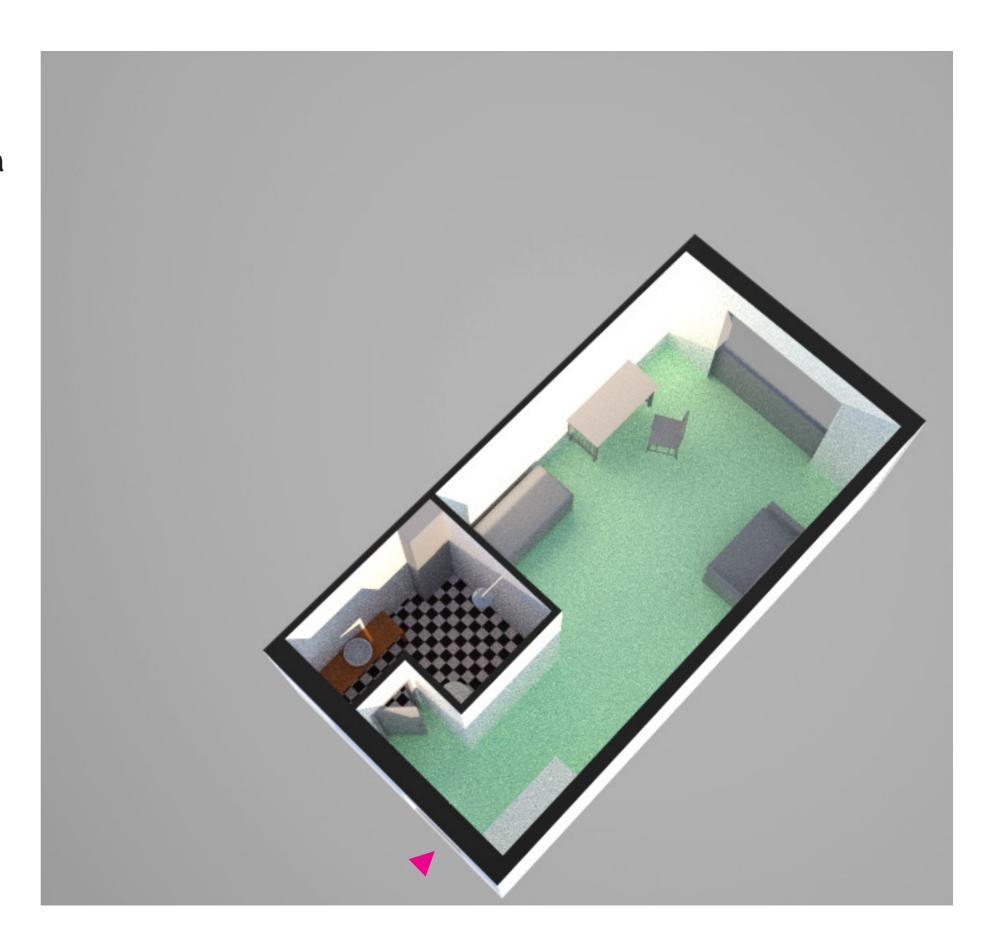


Single Apartment

10% of total residential floor area private bathroom

32m2 per apartment





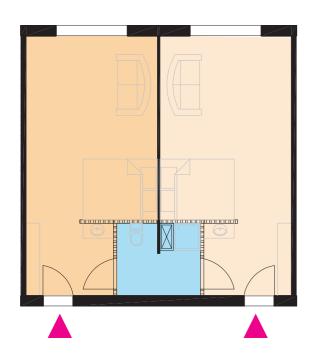




Shared Apartment

51% of total residential floor area shared facilities

32m2 per apartment

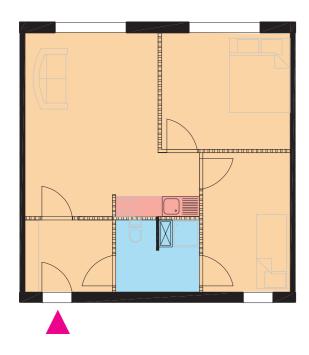




Shared Apartment

51% of total residential floor area private bathroom

64m2 per apartment kitchen two bedrooms

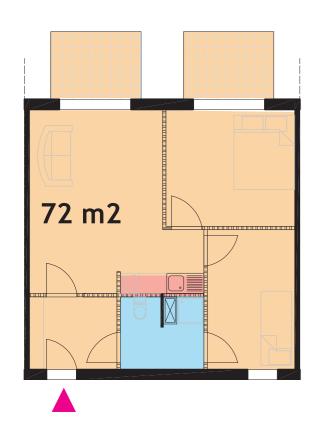




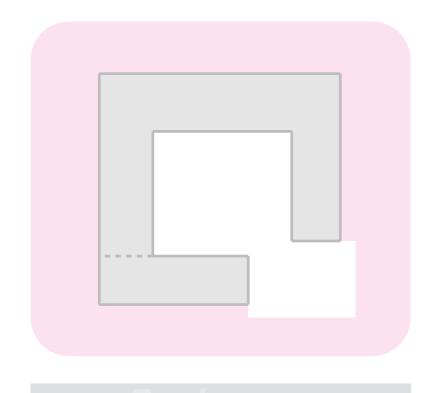
Shared Apartment

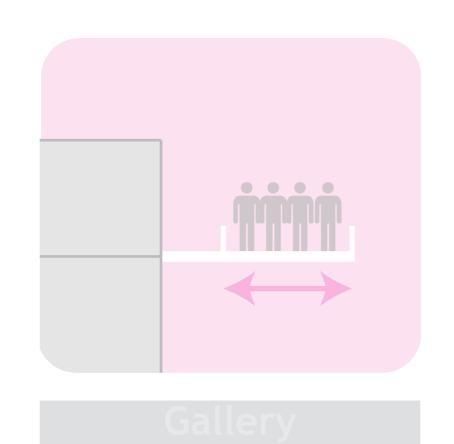
51% of total residential floor area private bathroom

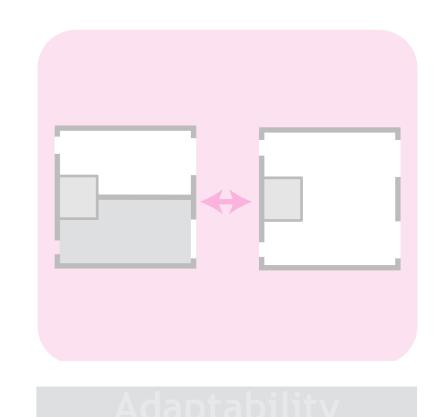
72m2 per apartment kitchen two bedrooms extra extensions

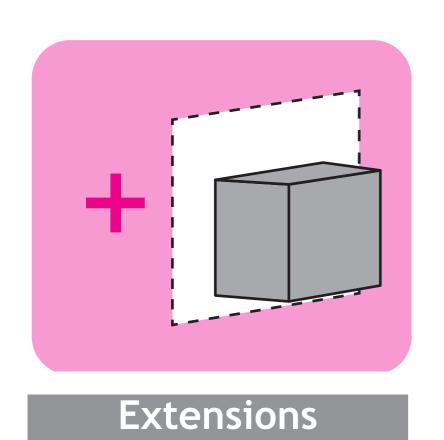


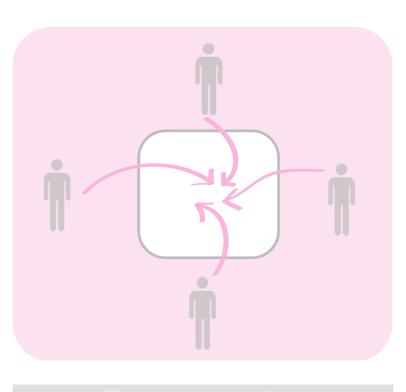


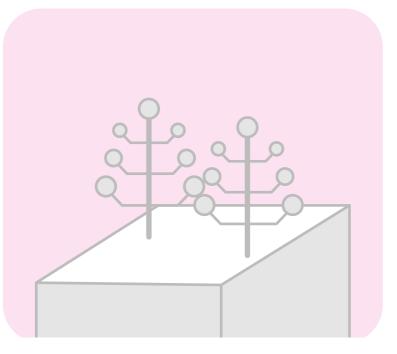








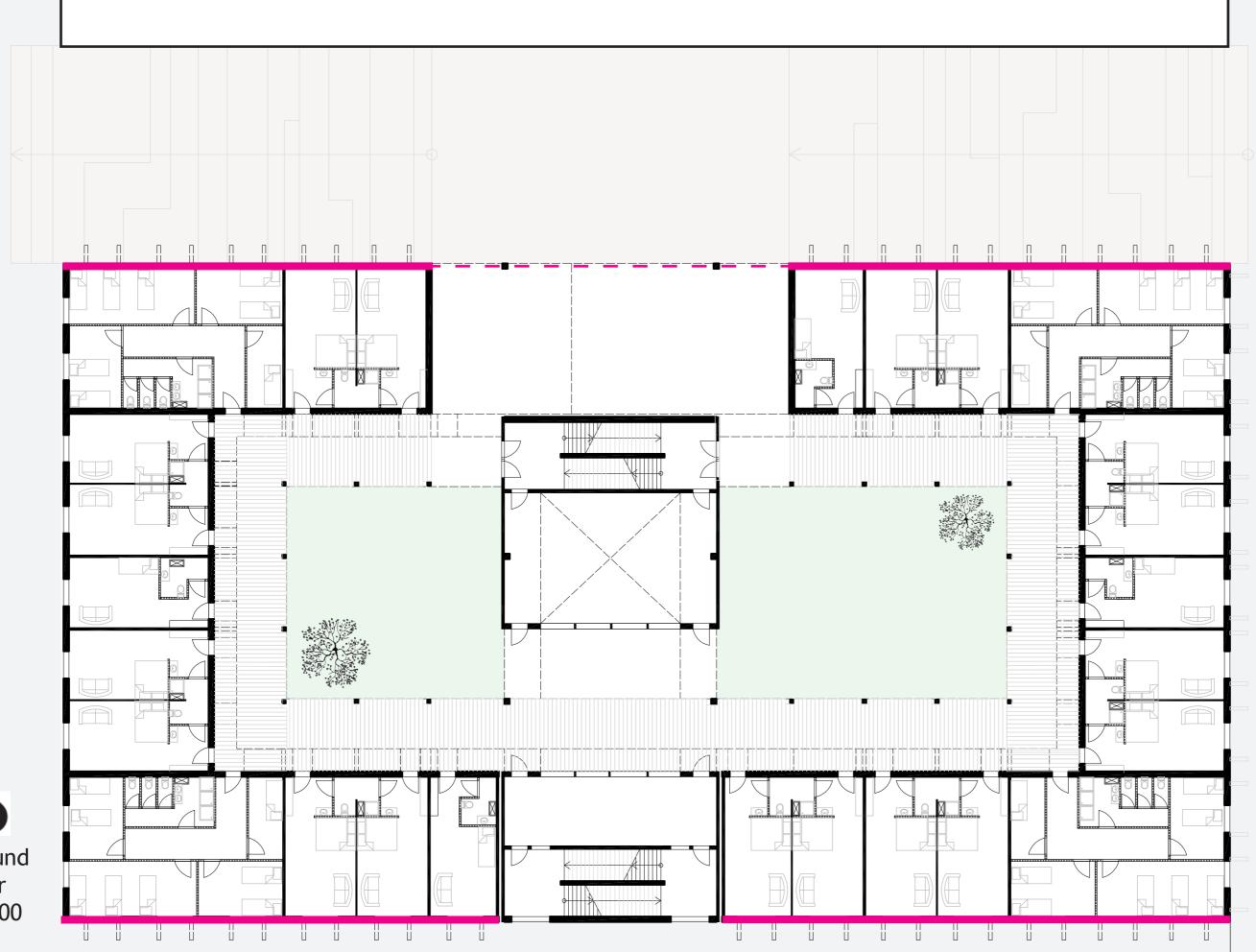


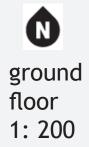


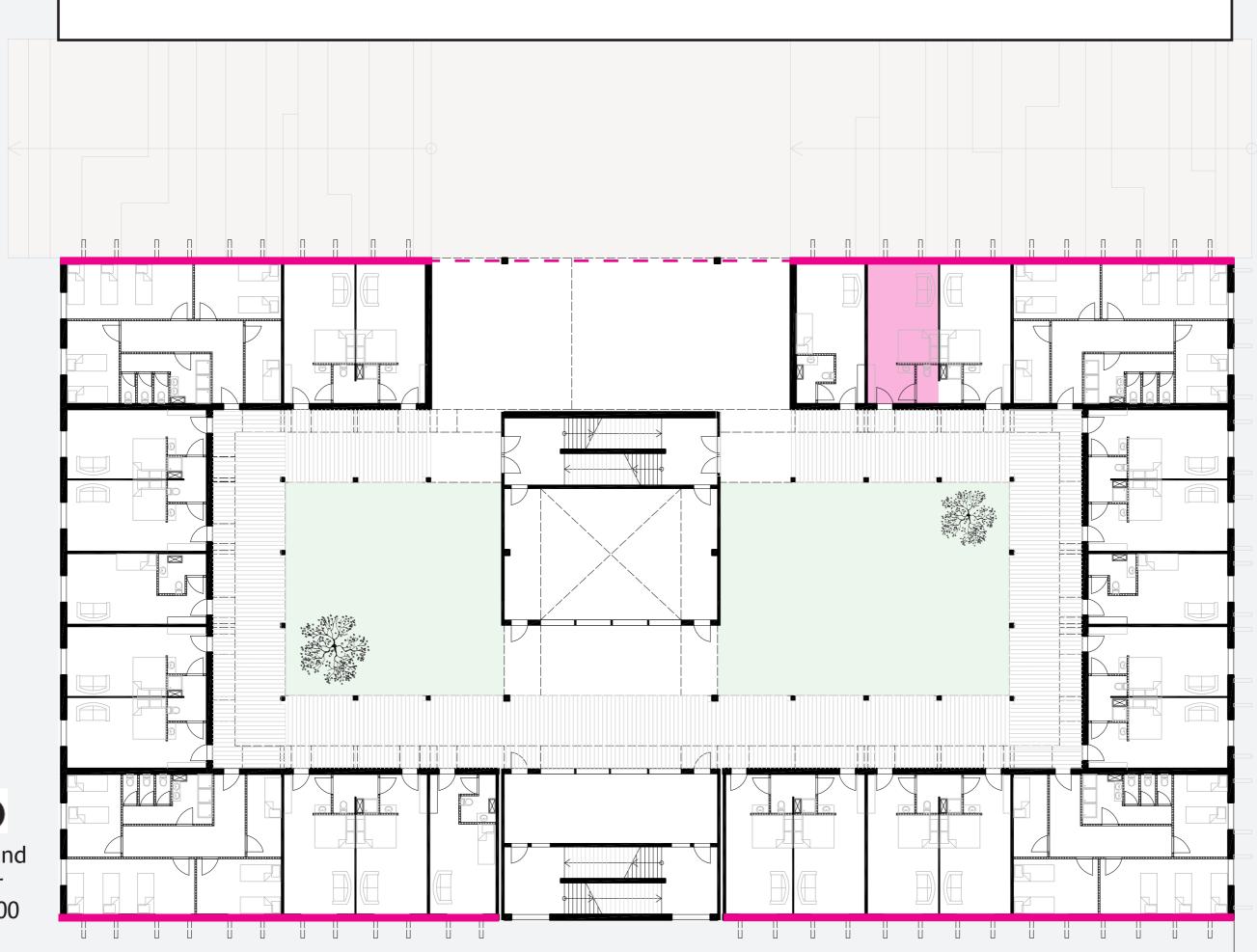
Community

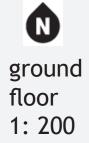
Urban Farming

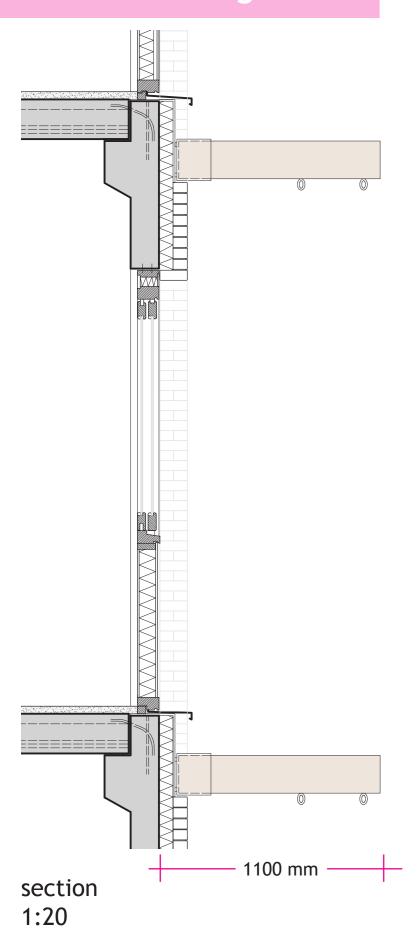


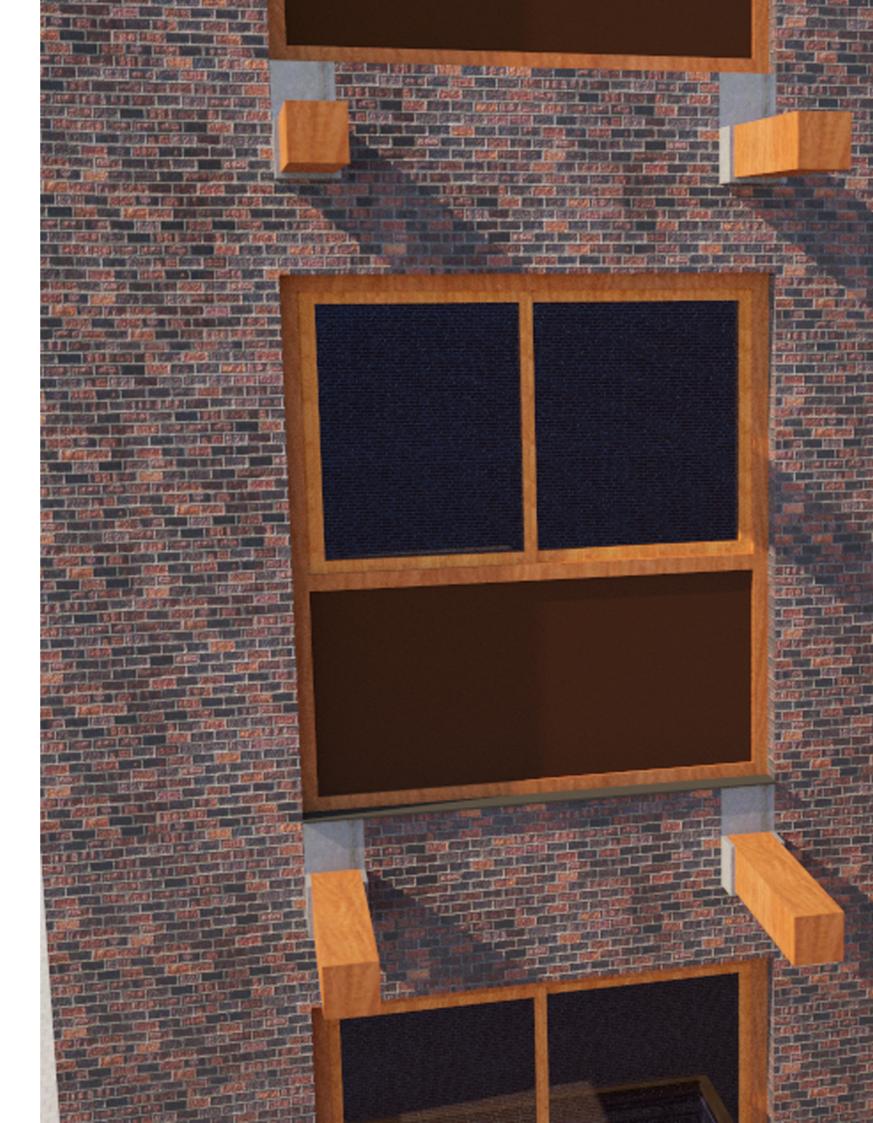


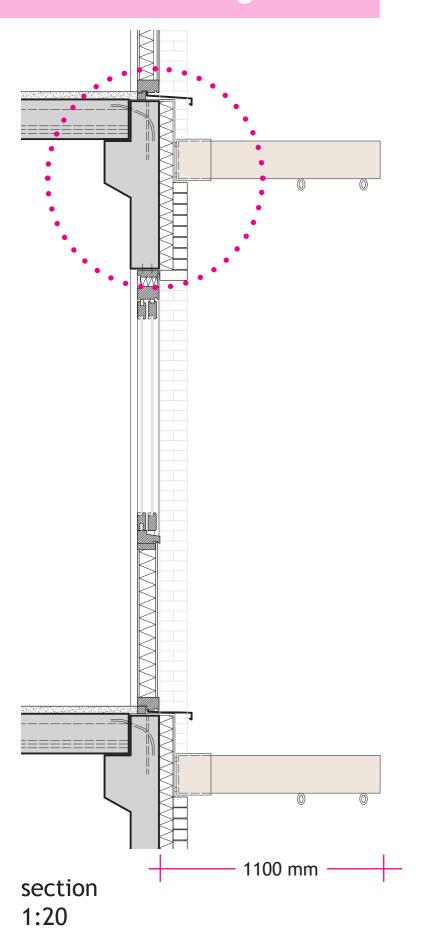


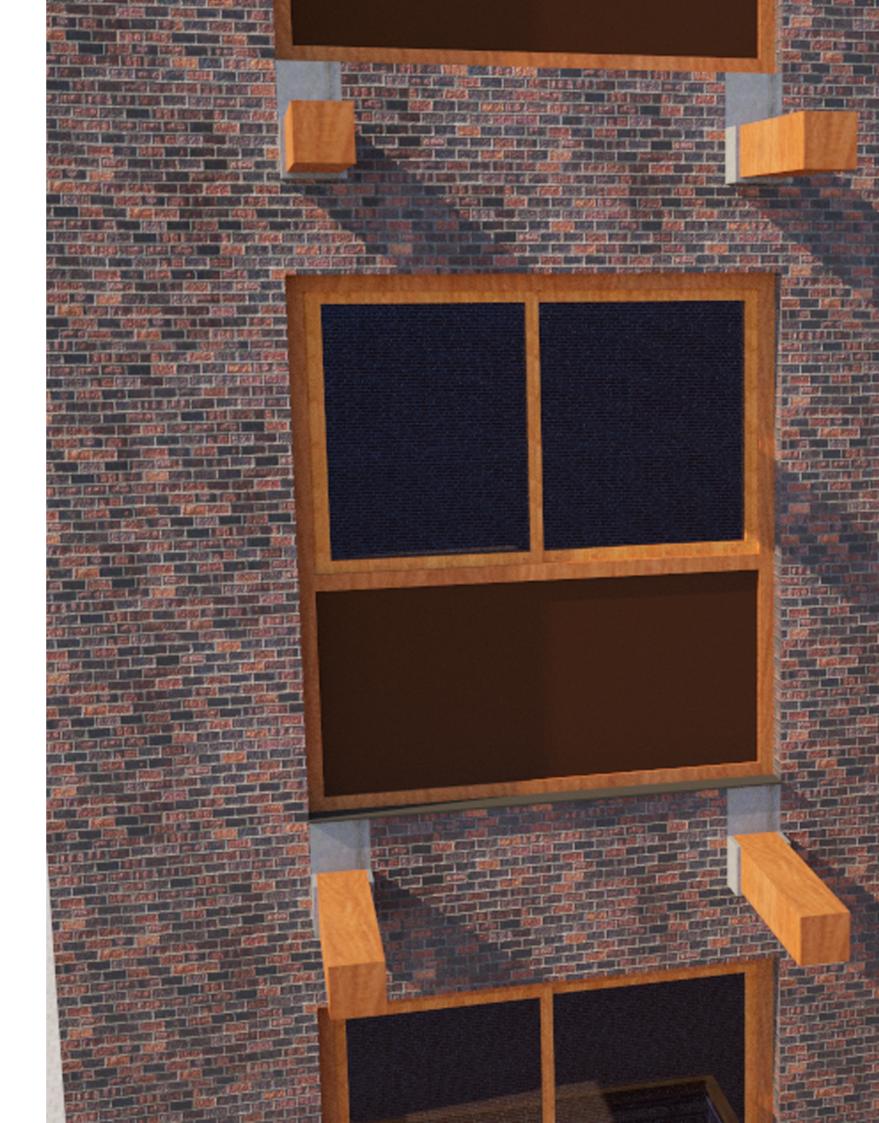


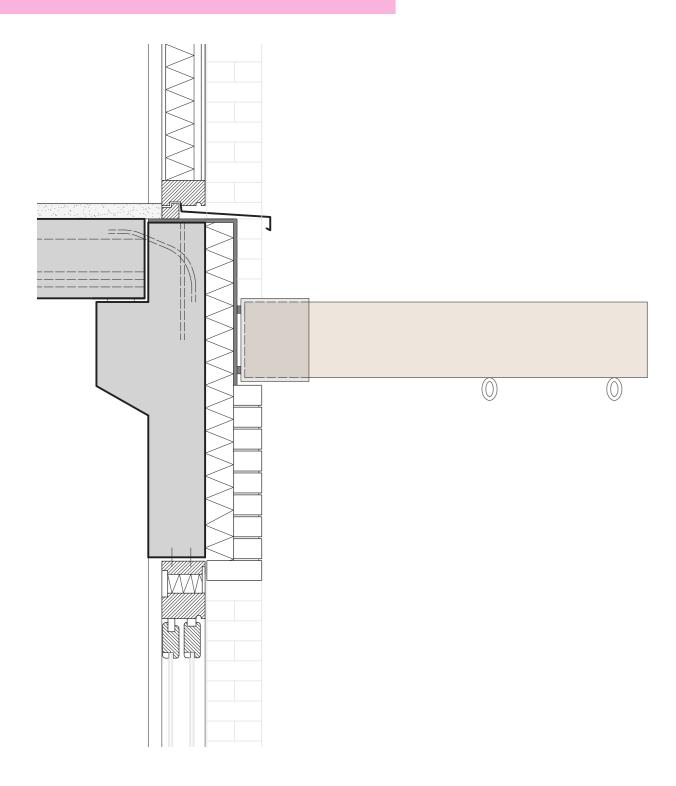




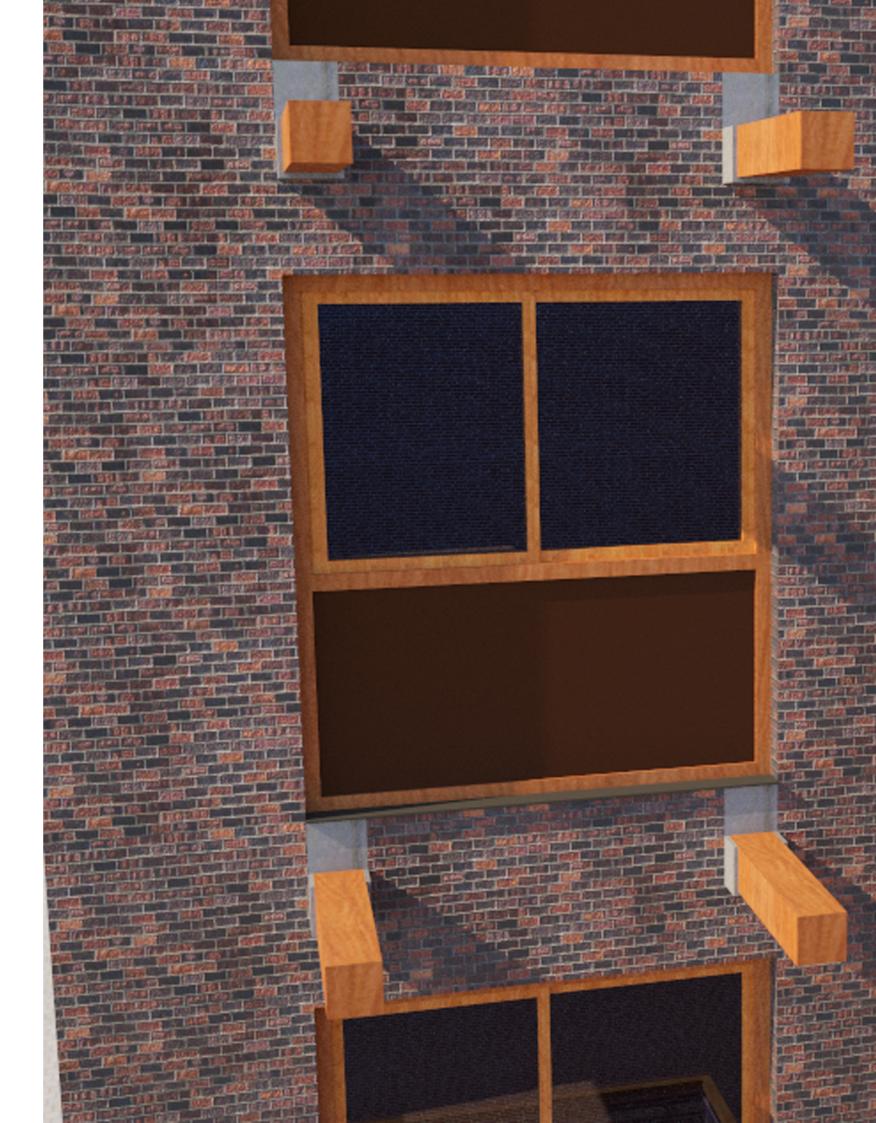


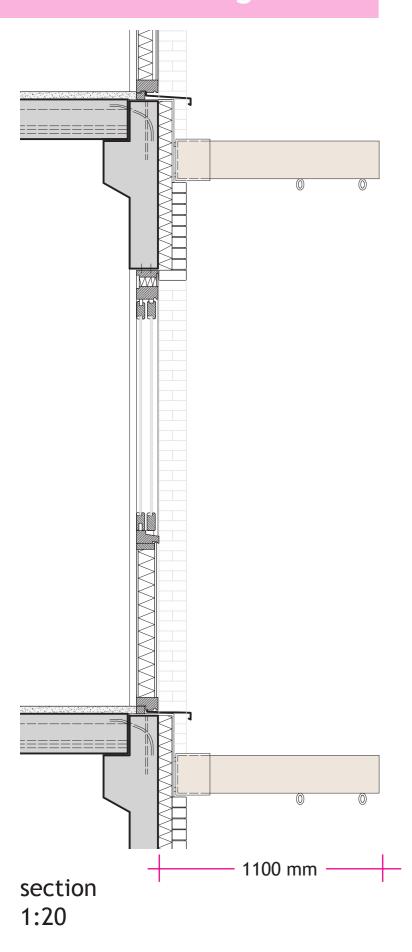


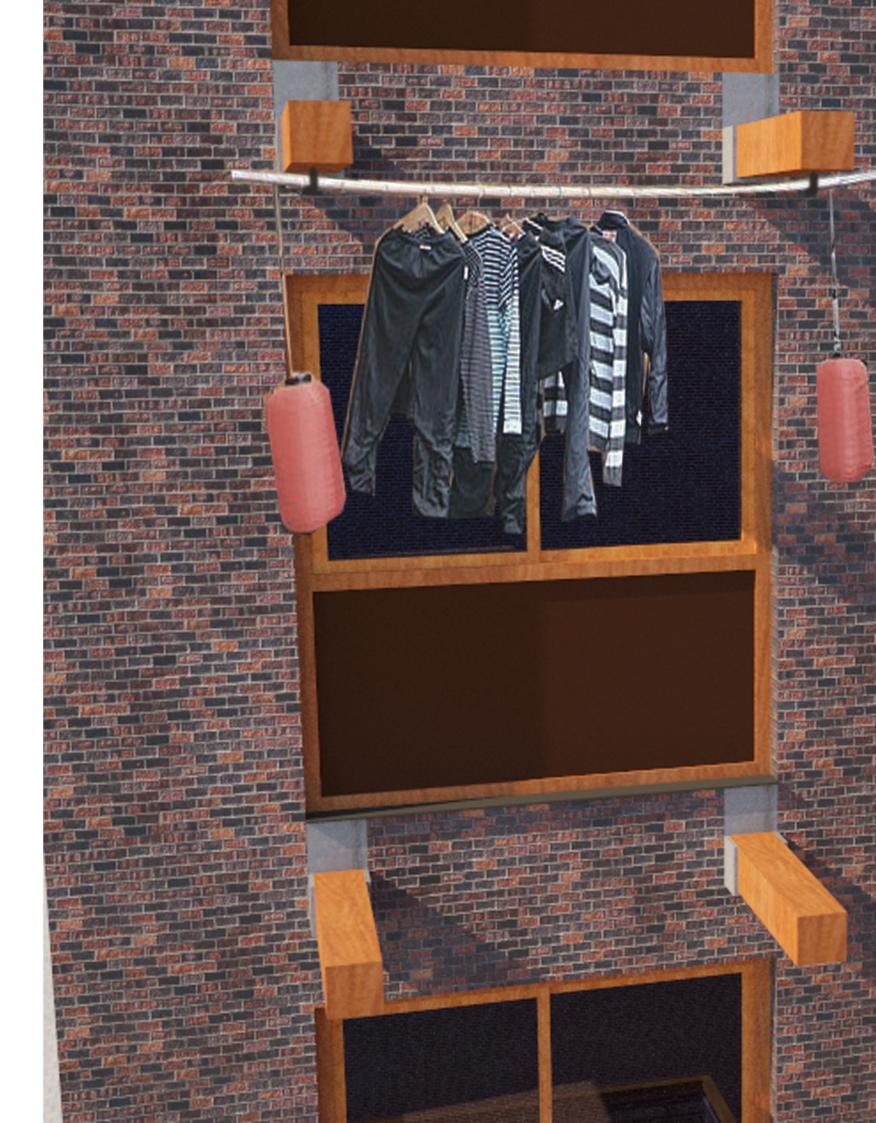


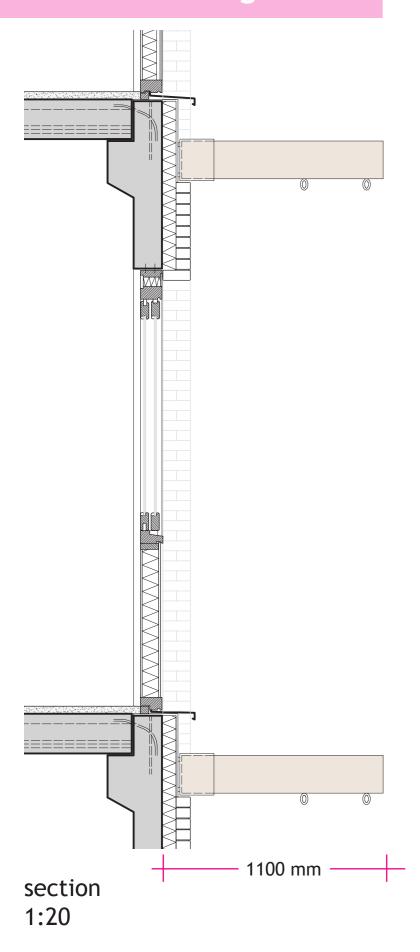


detail 1:10



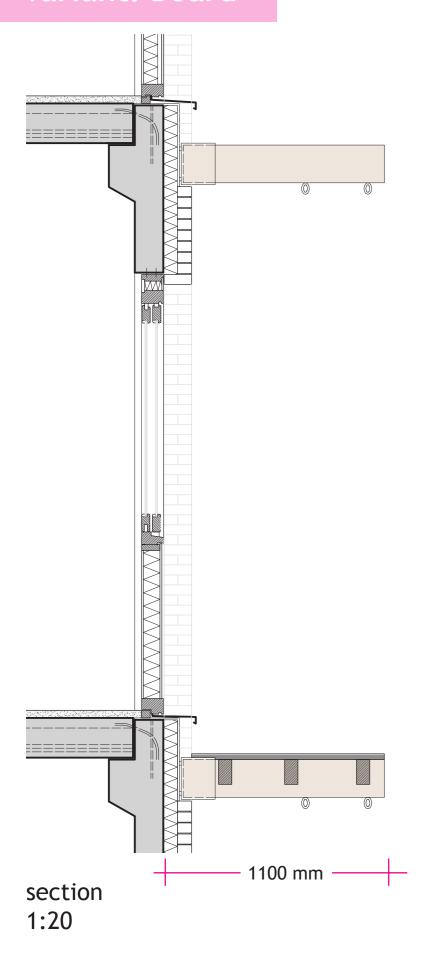






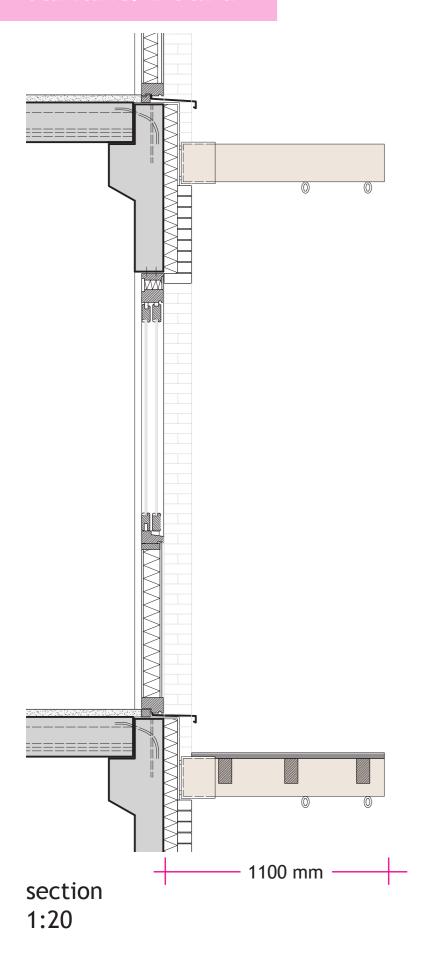


Variant: Board



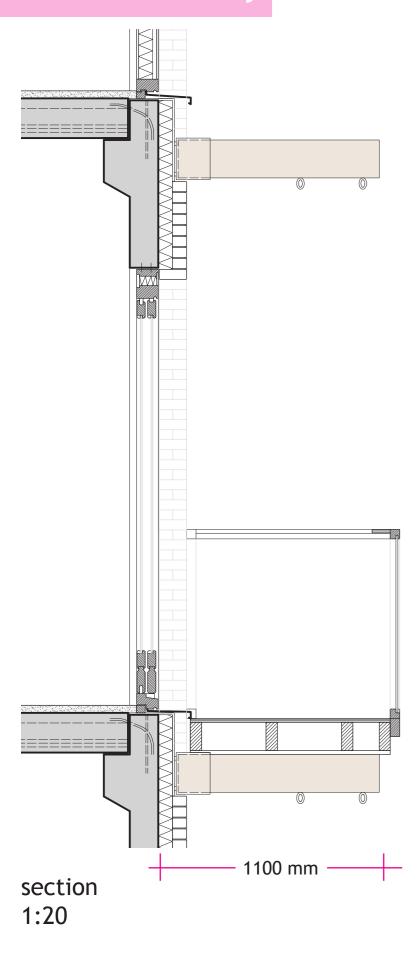


Variant: Board



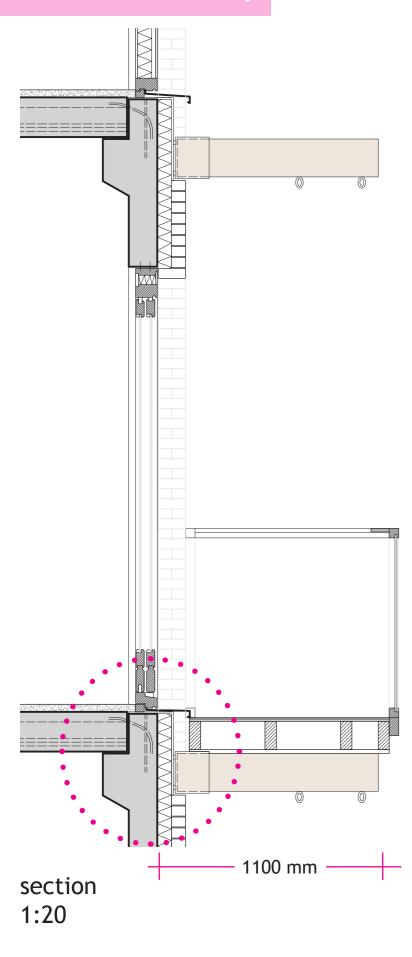


Variant: Balcony



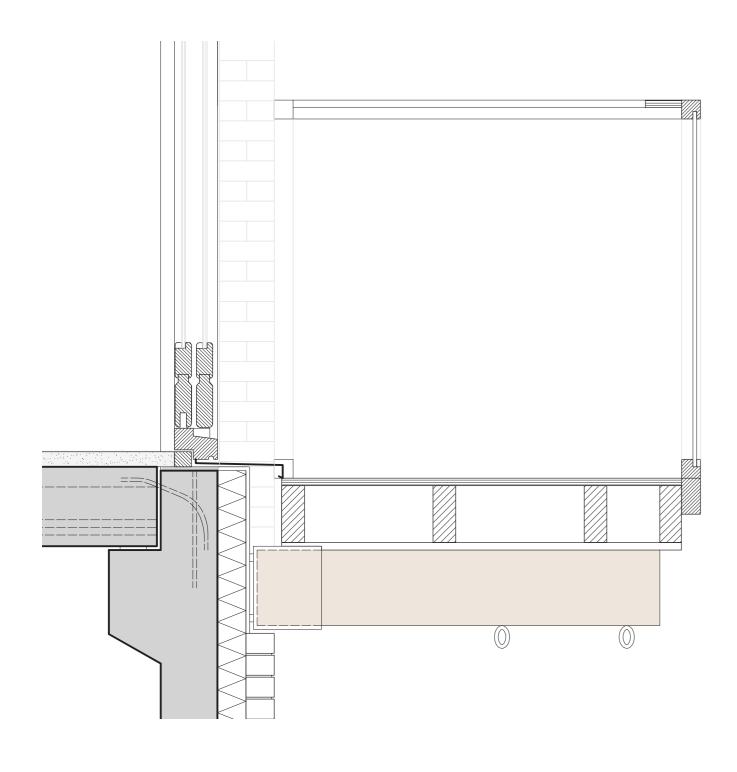


Variant: Balcony





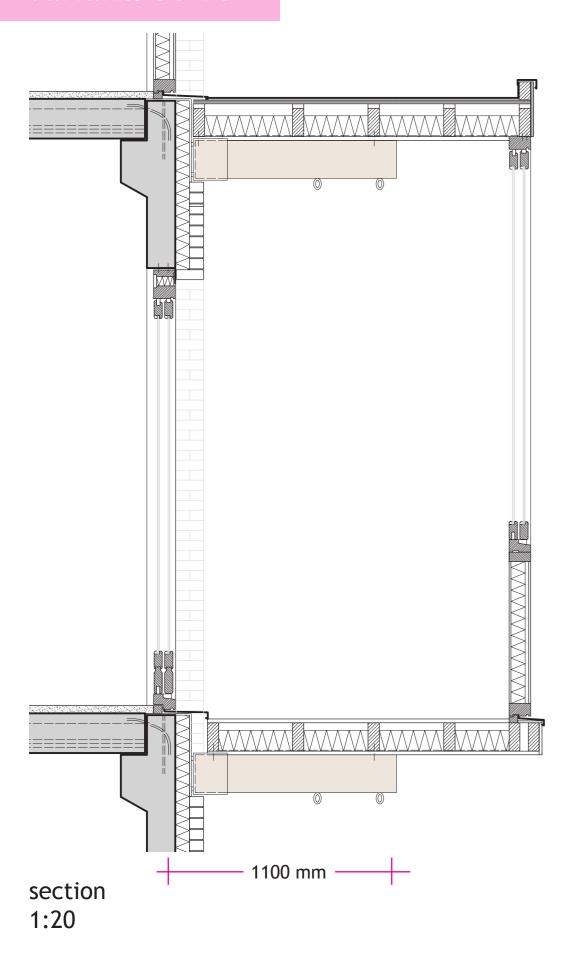
Variant: Balcony

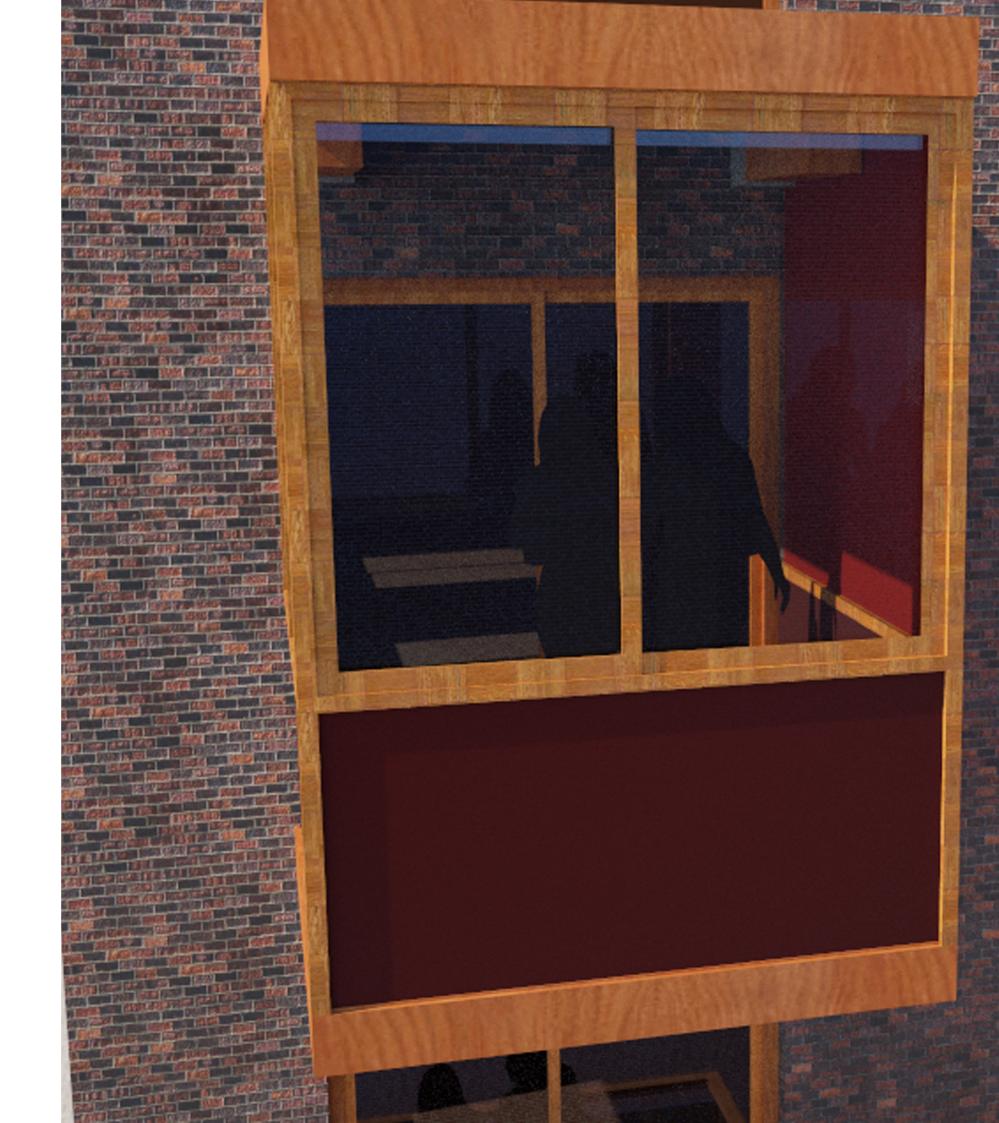


detail 1:10

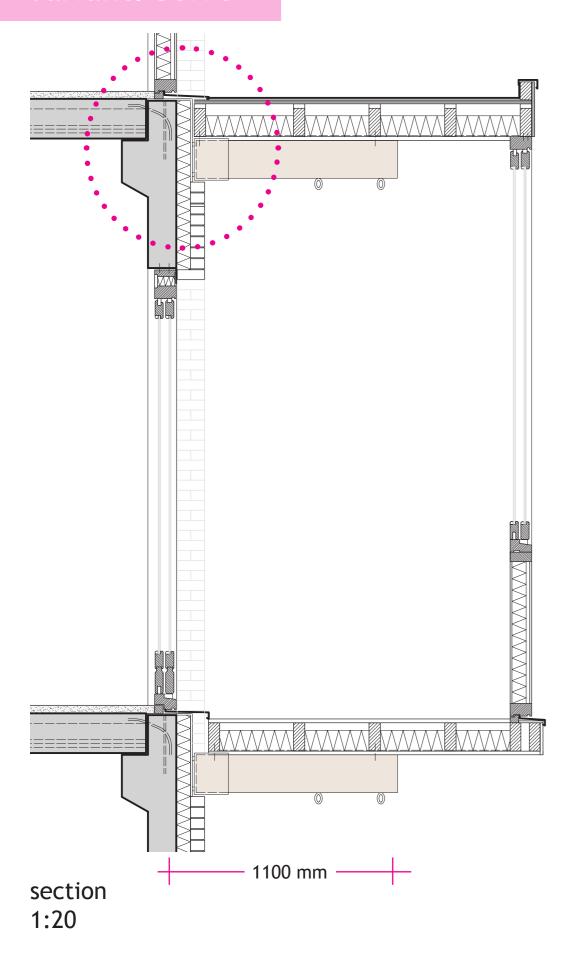


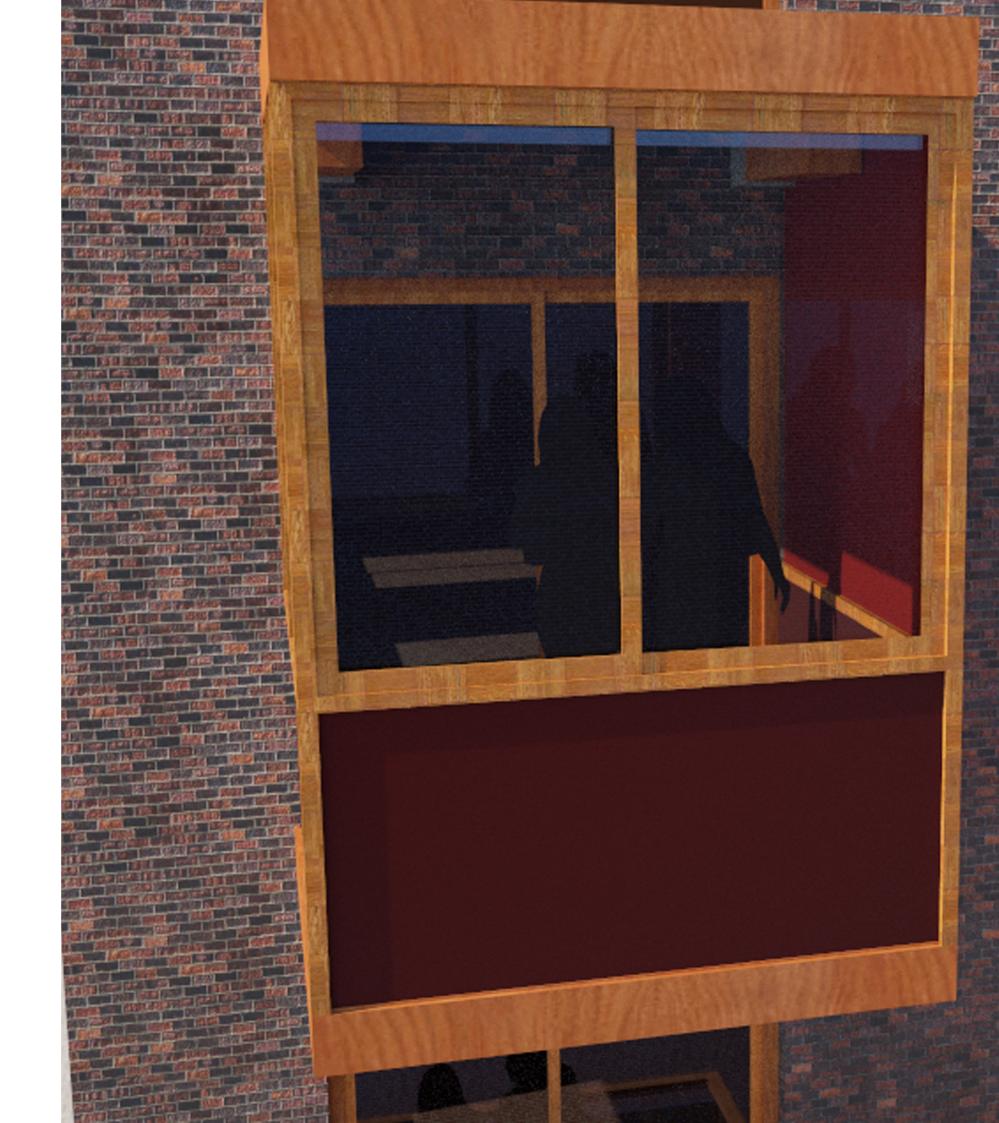
Variant: Serre



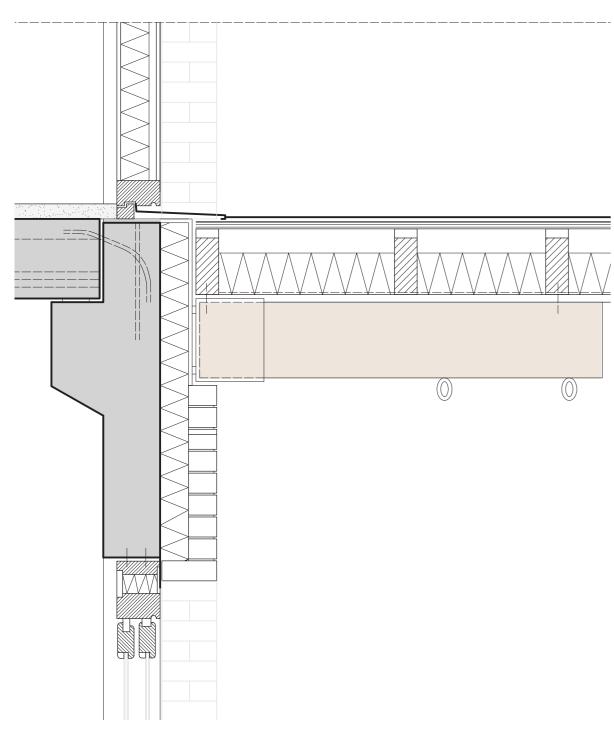


Variant: Serre

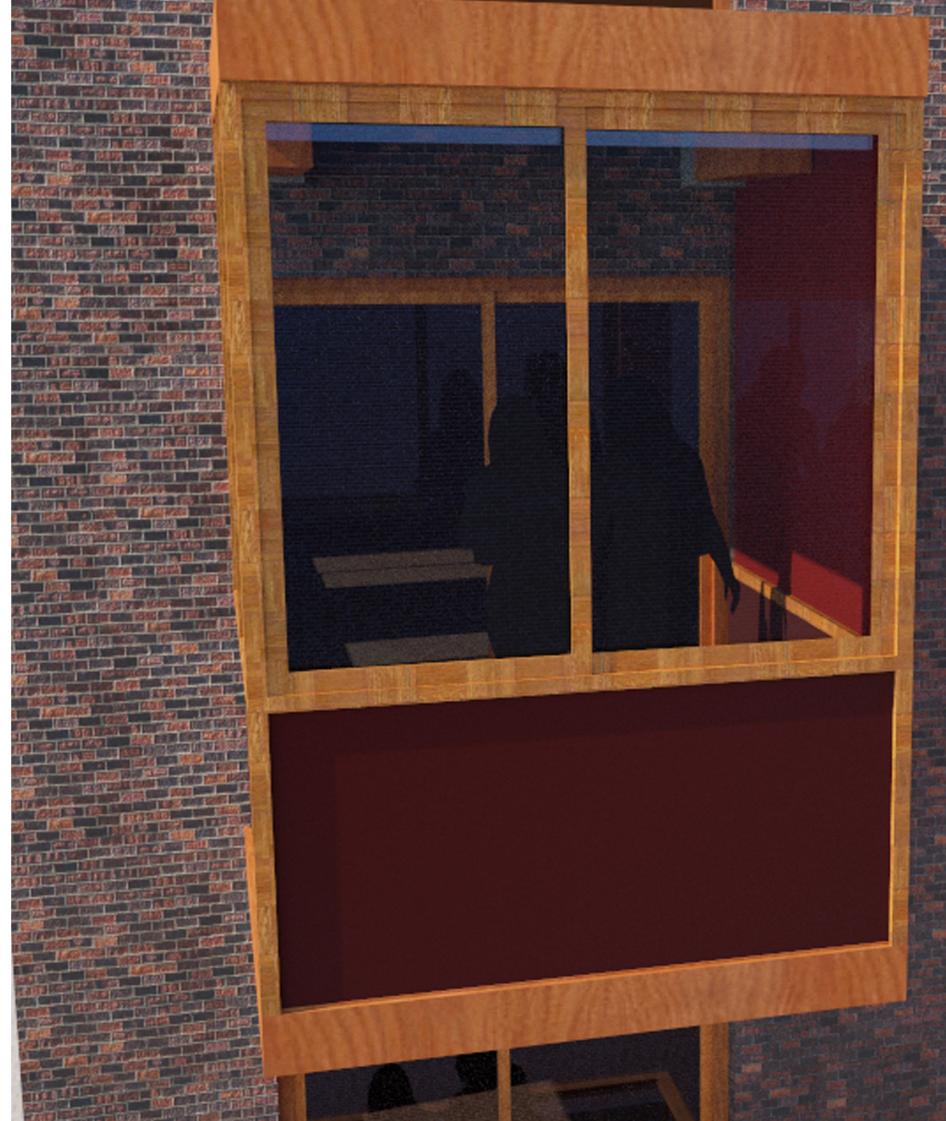




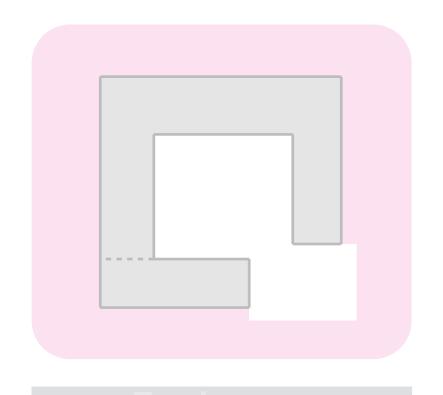
Variant: Serre

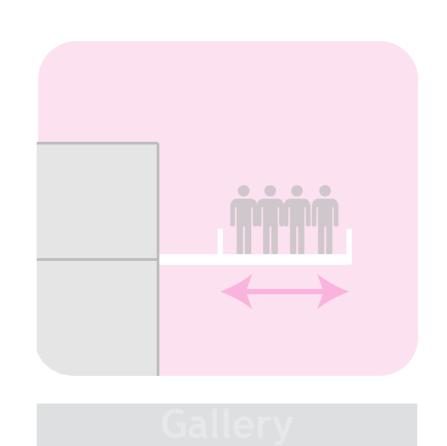


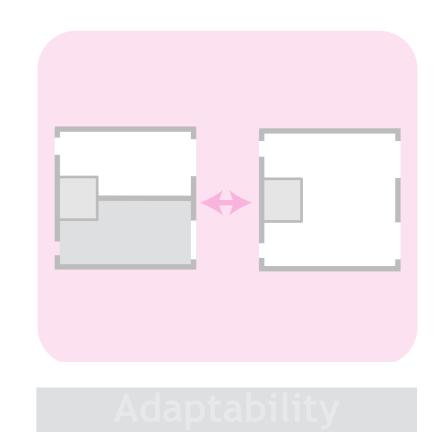


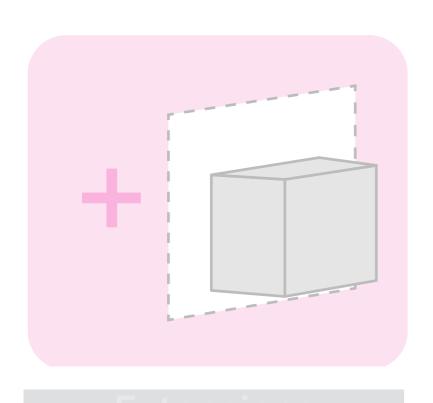


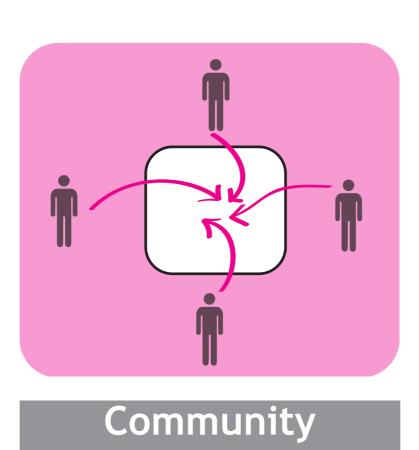


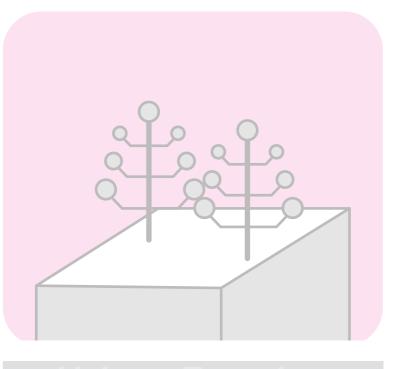










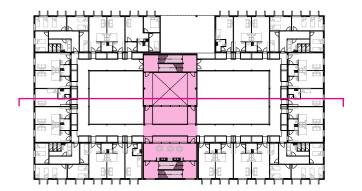


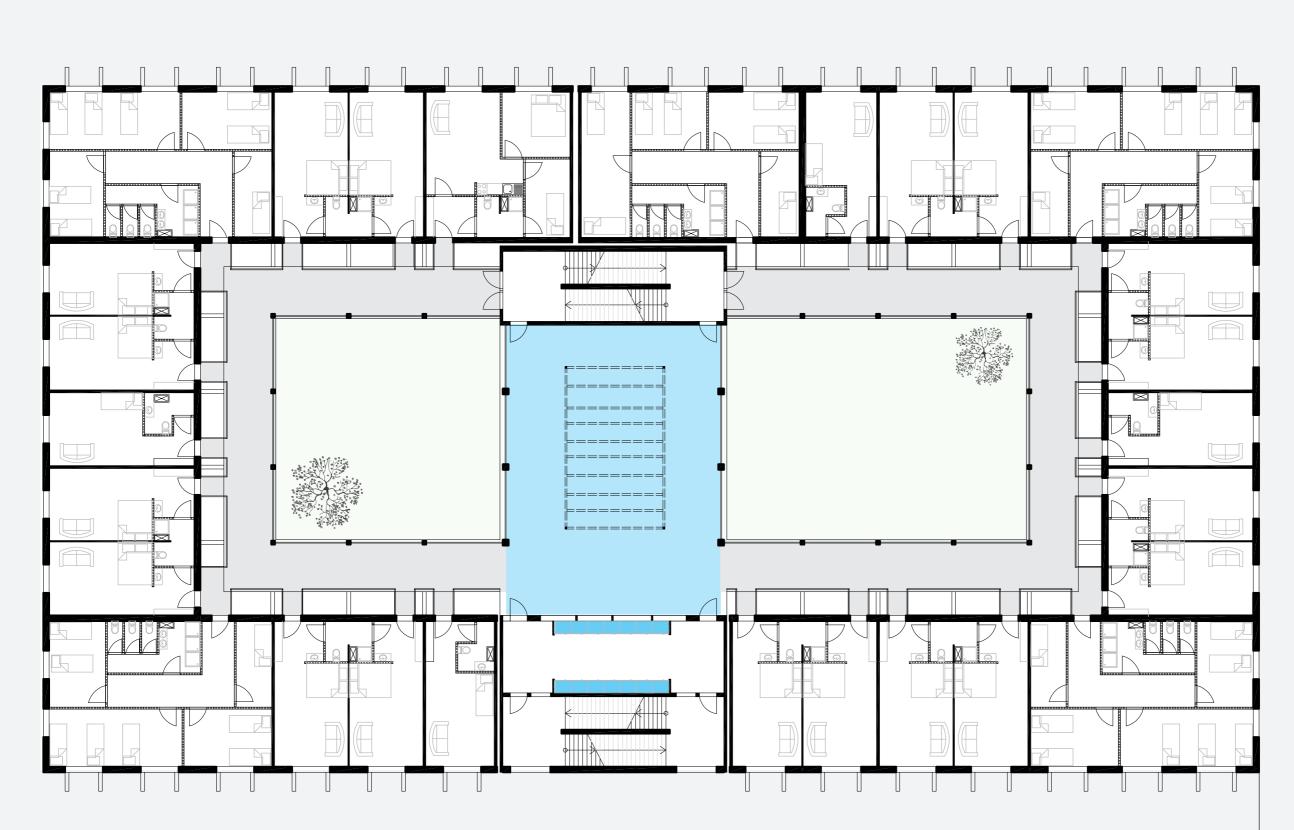
munity Urban Farming

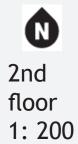


longitudinal section

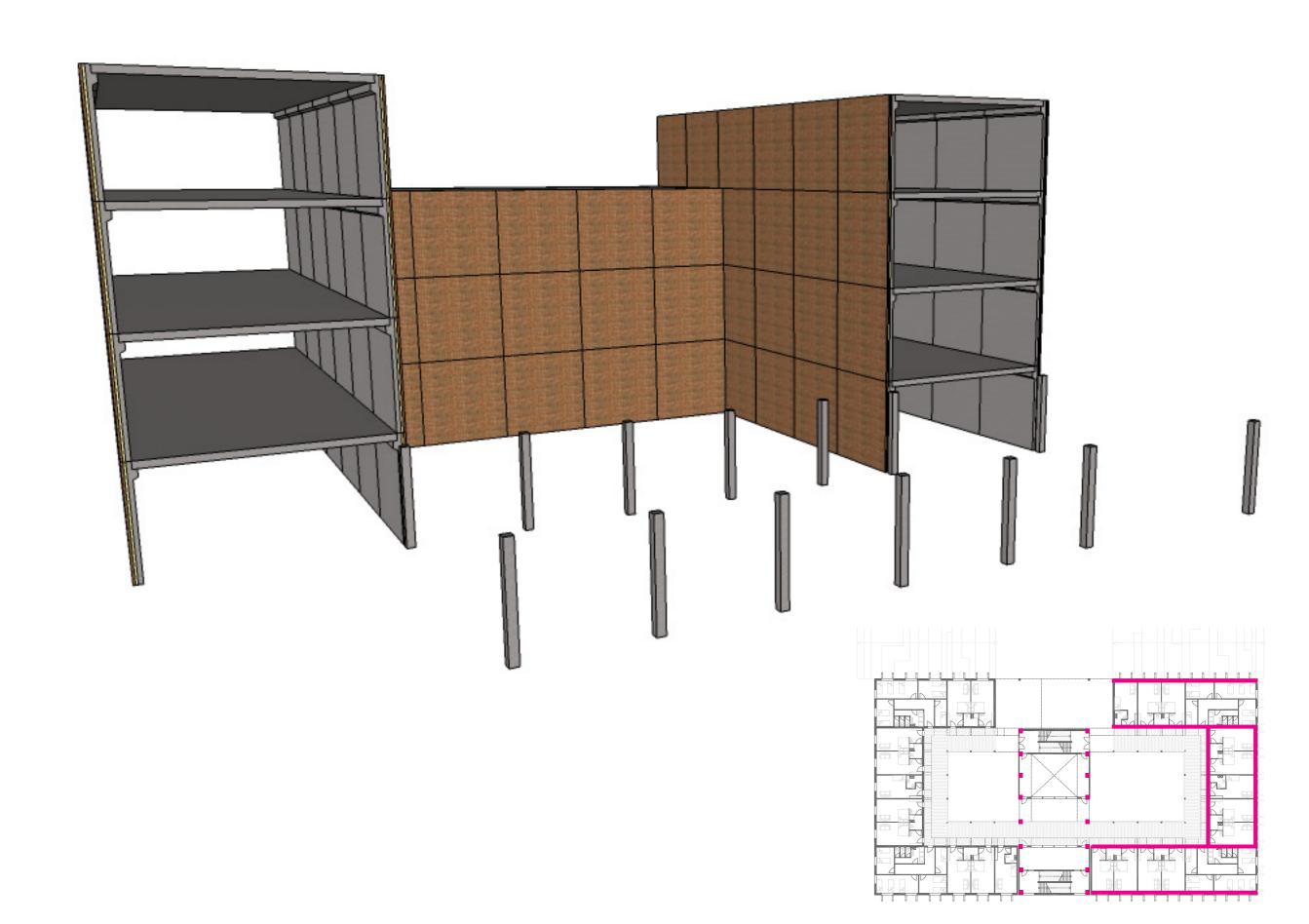
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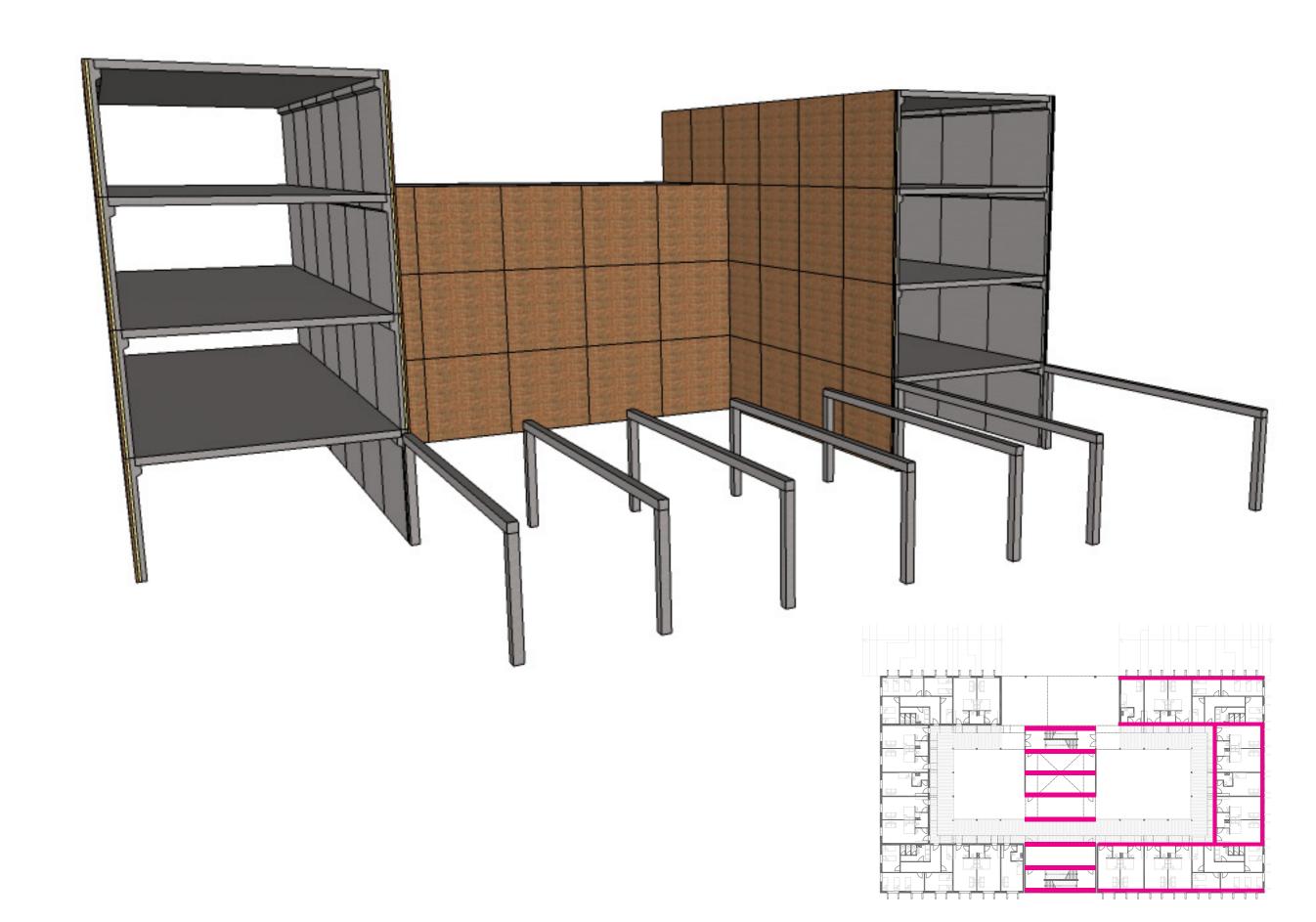


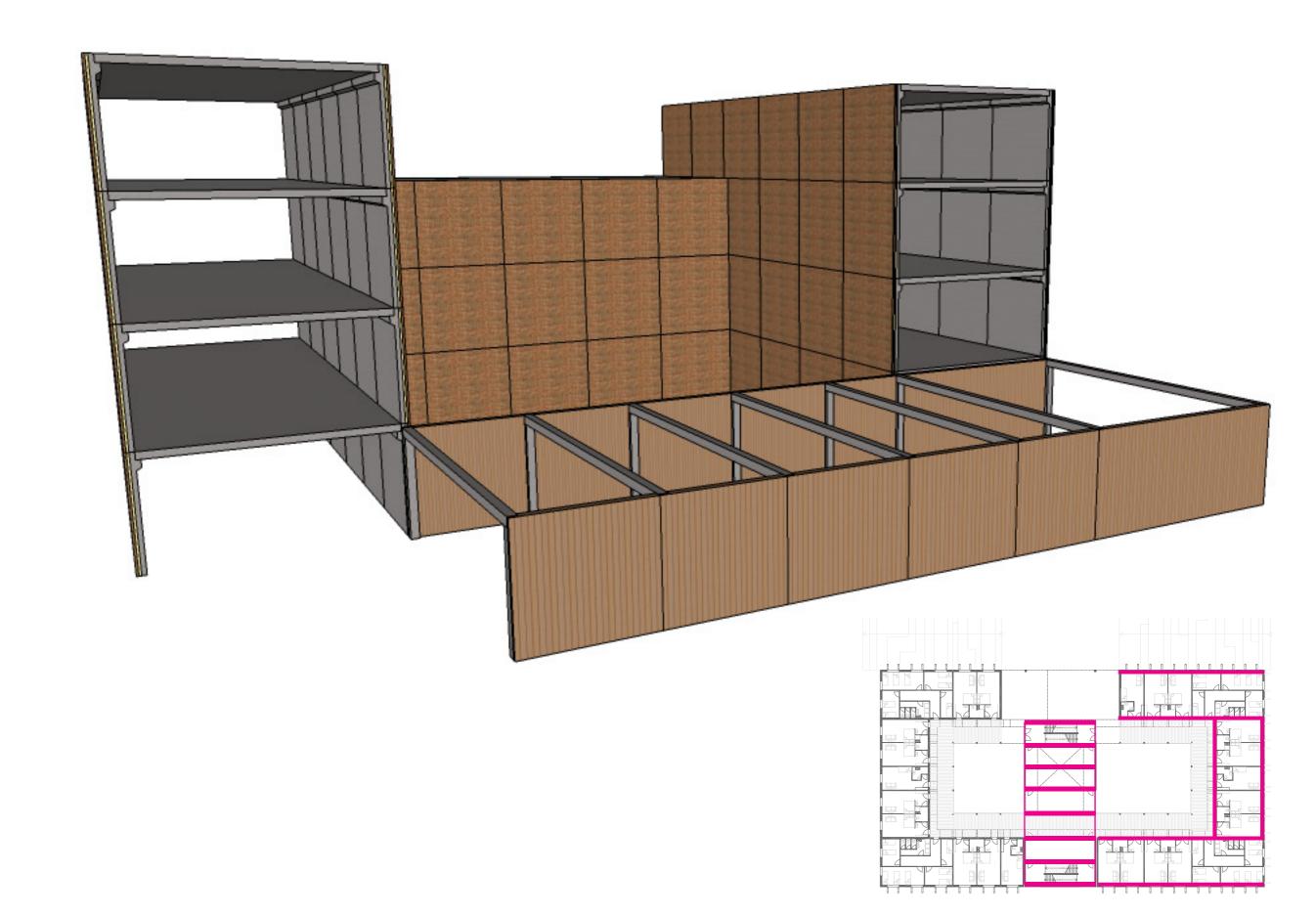


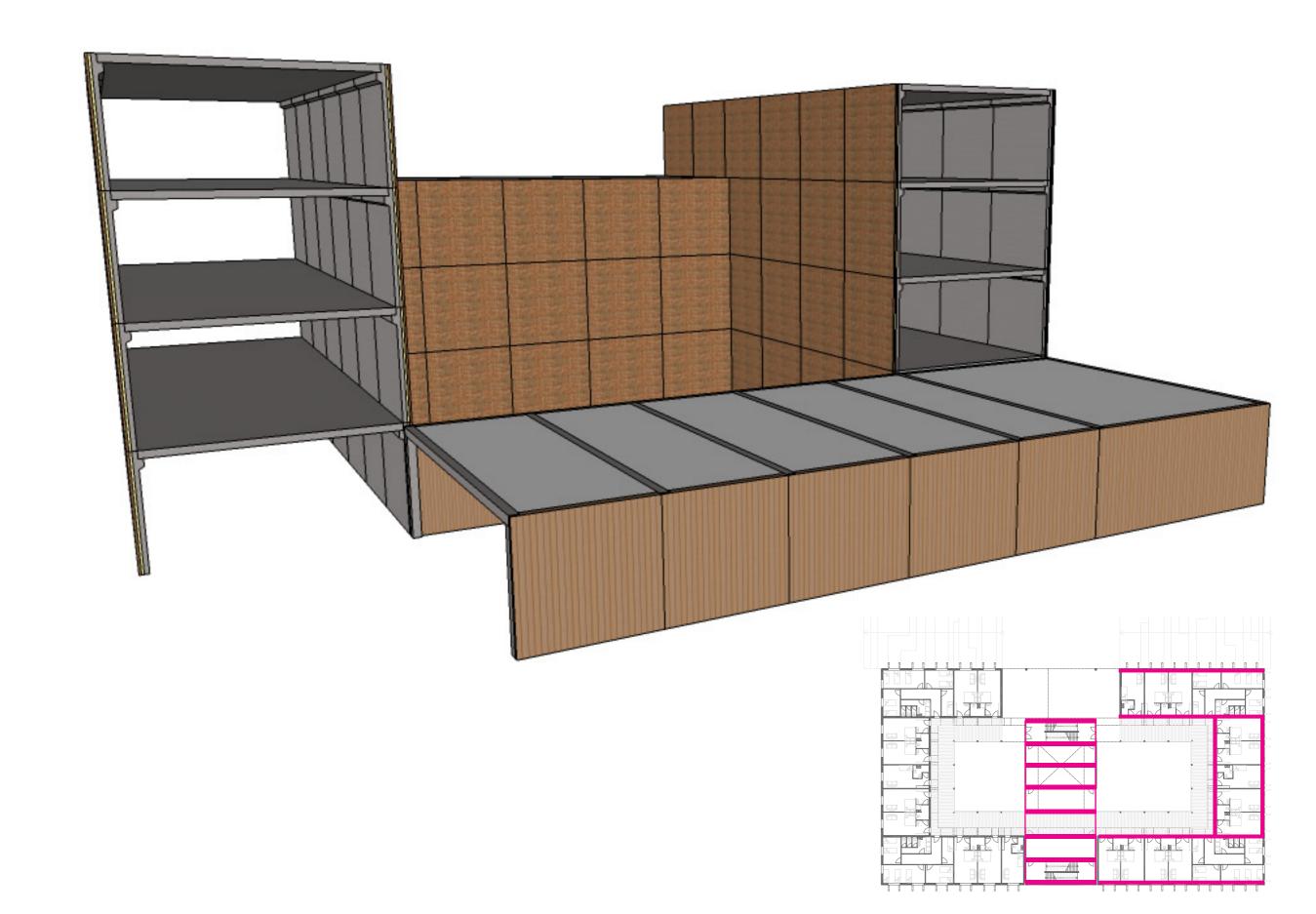


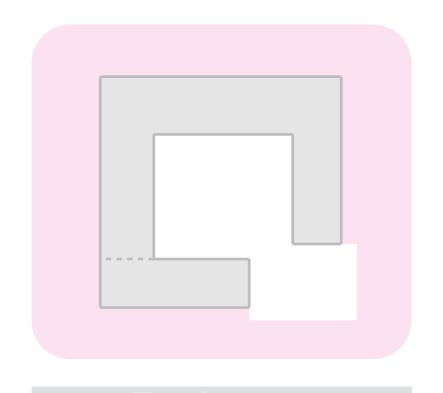


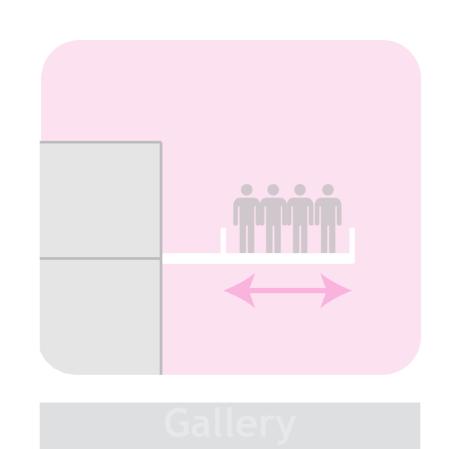


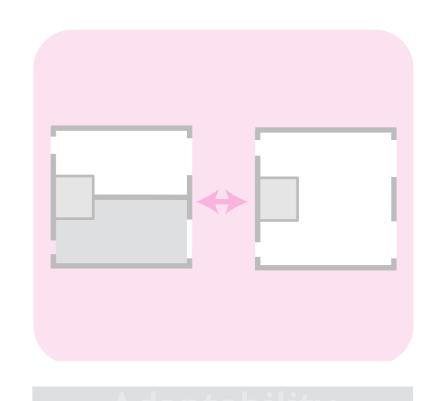


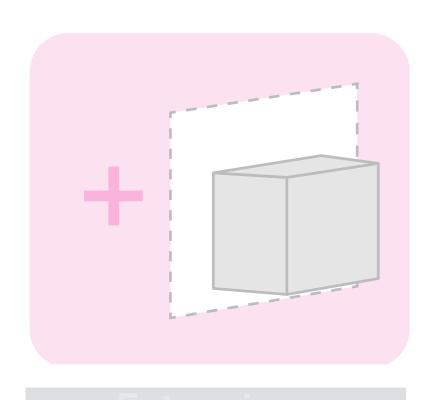


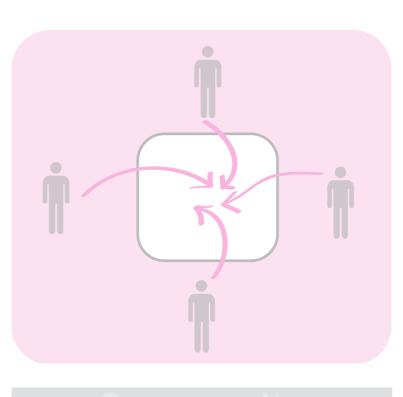


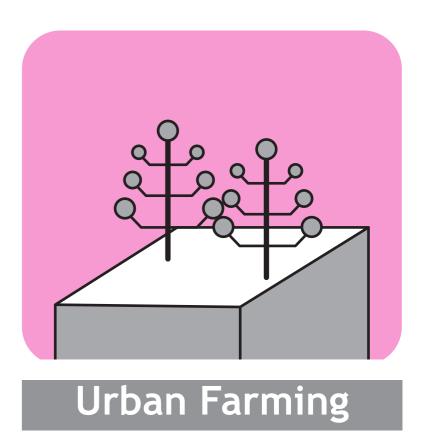




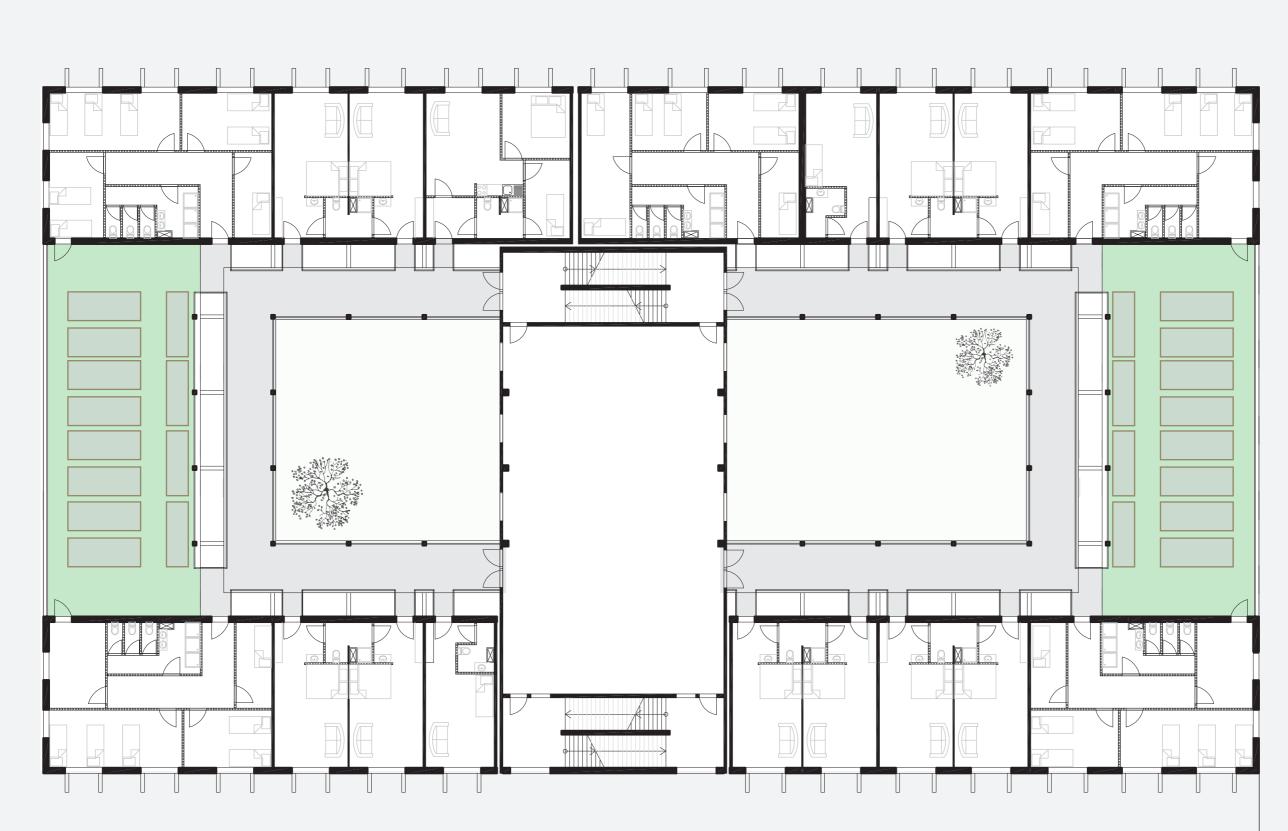


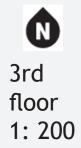






Community







Current Course of Events

Aims & Strategy

Execution: Urban & Architecture

Future Scenario's







"China's urban population will nearly double from 2000 to 2030"(Cao, 2012).





"China's urban population will nearly double from 2000 to 2030"(Cao, 2012).

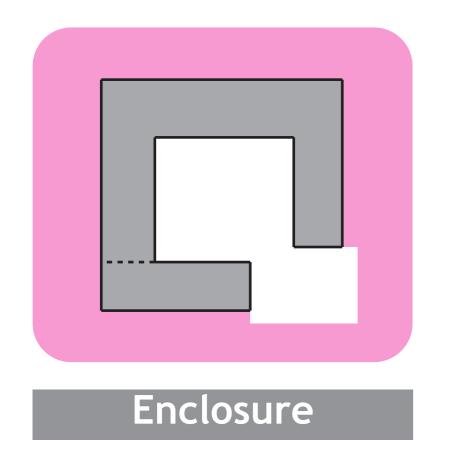


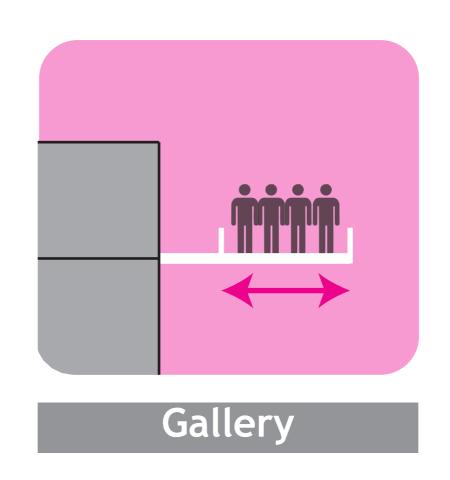


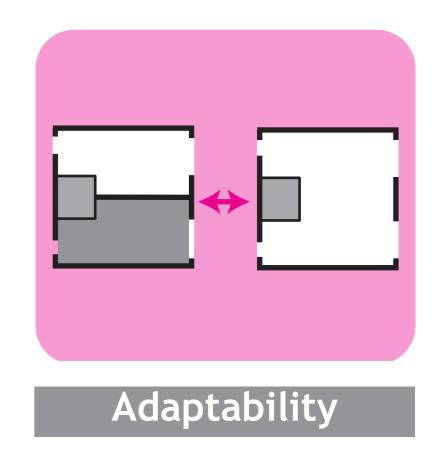
53.000 m2 + **3680**m2: **56.680** m2 current BVO

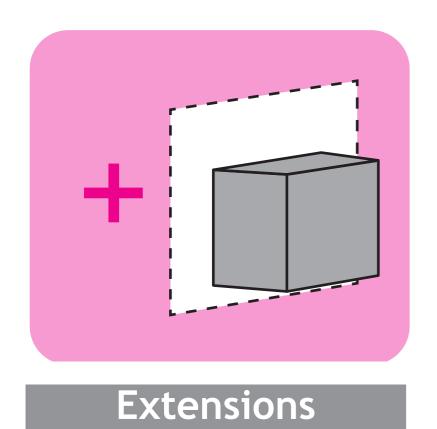
1045 inhabitants * 50m2 = 52.250 m2 desired BVO (short-term)

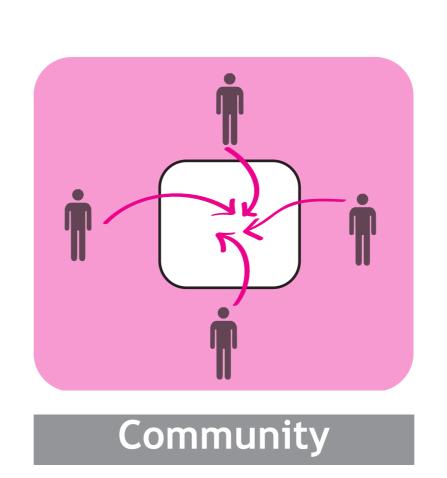
1045 inhabitants * 80m2 = 83.600 m2 desired BVO (long-term)

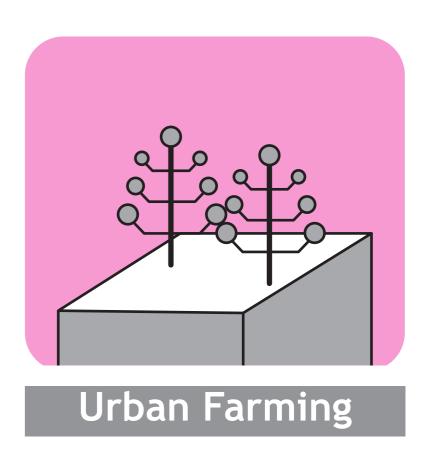


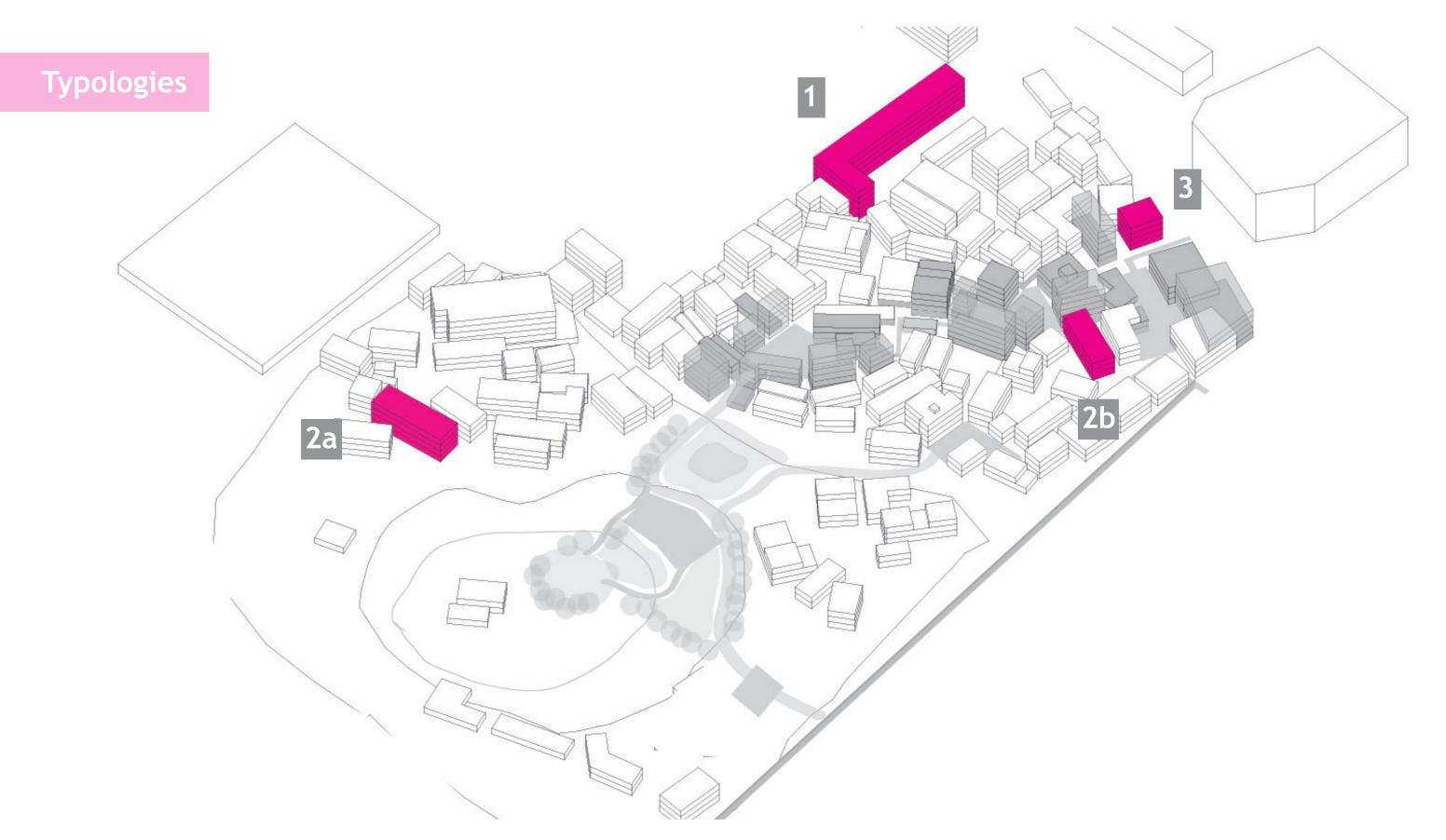








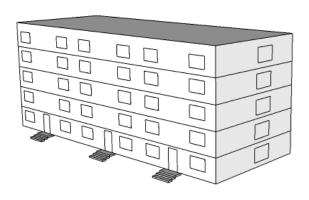


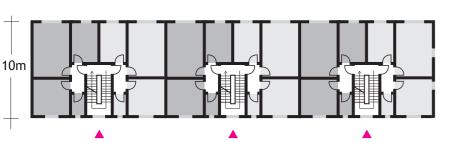


53.000 m2 + **3680**m2: **56.680** m2 current BVO

1045 inhabitants * 50m2 = 52.250 m2 desired BVO (short-term)

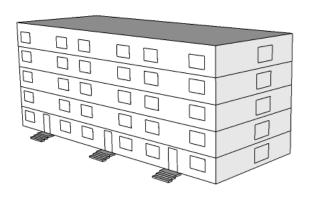
1045 inhabitants * 80m2 = 83.600 m2 desired BVO (long-term)

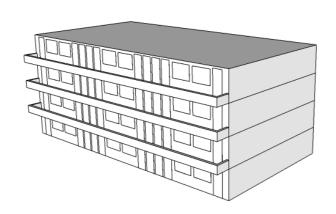


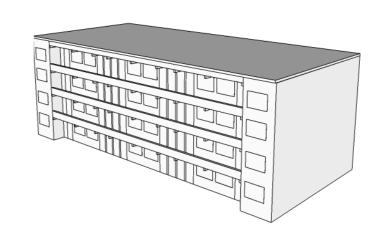


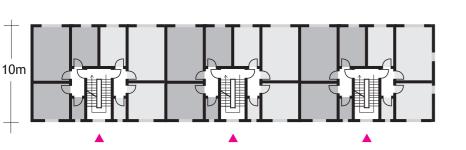


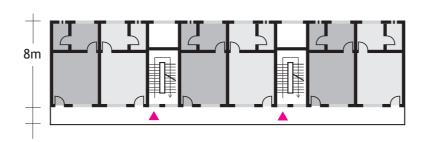
2. External Gallery

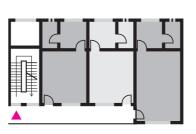










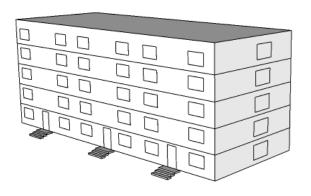


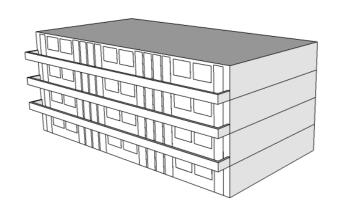


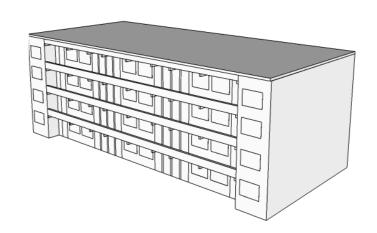


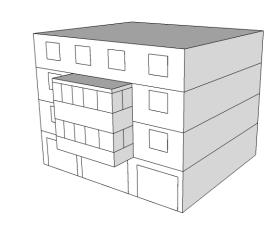
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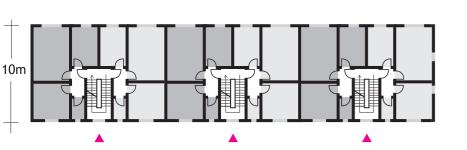
3. Shops

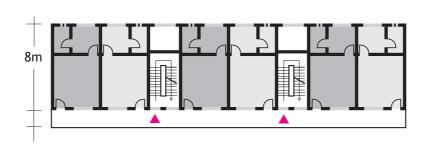


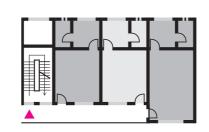


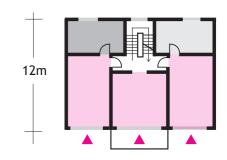


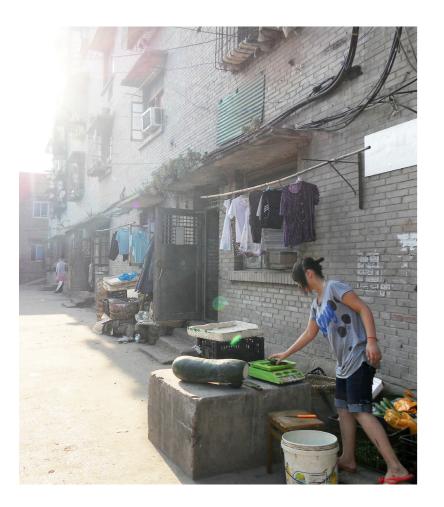










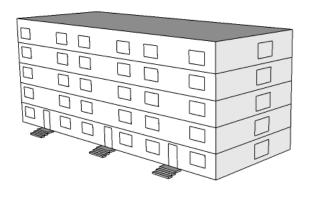


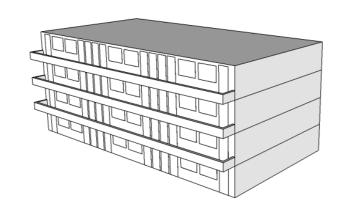


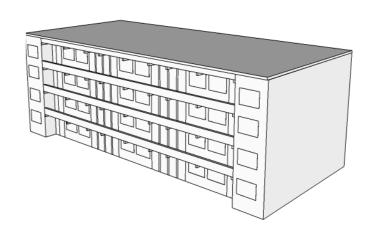


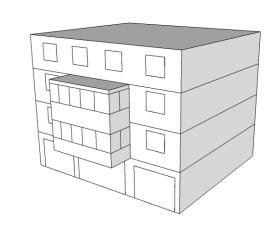
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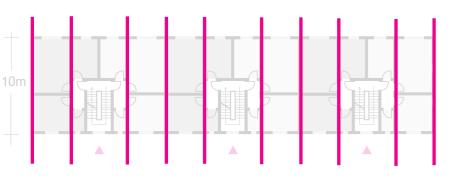
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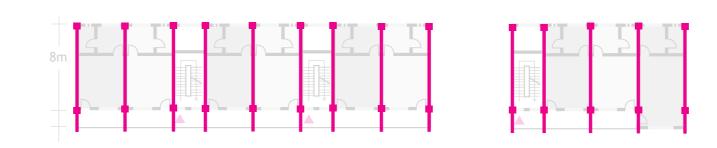


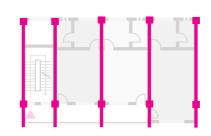


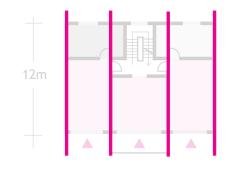












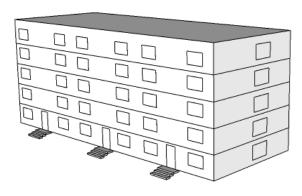


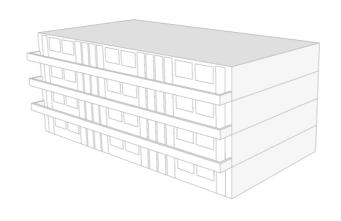


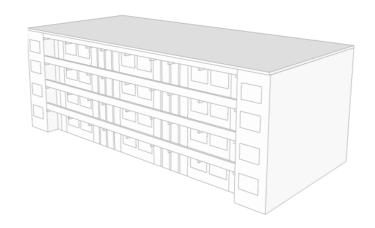


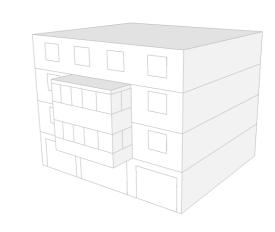
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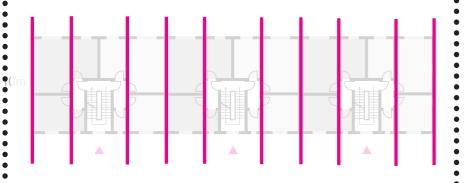
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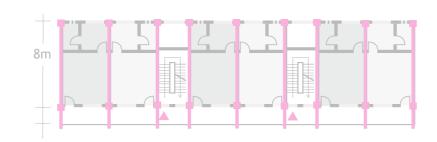


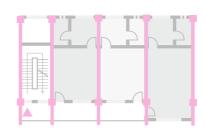


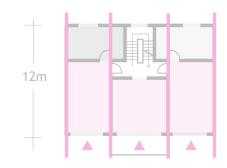


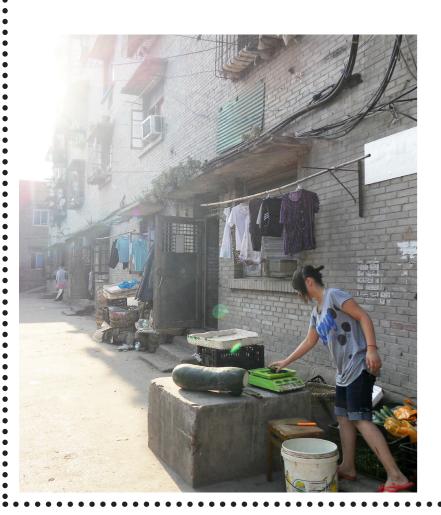






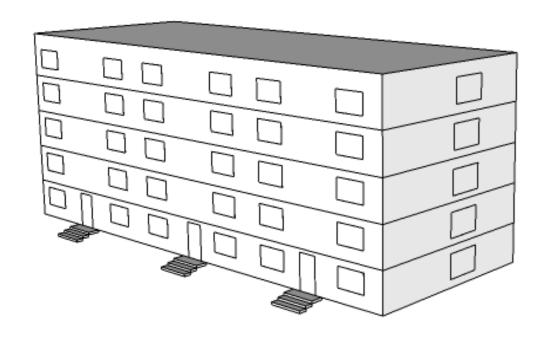


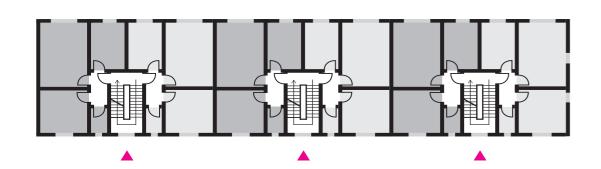




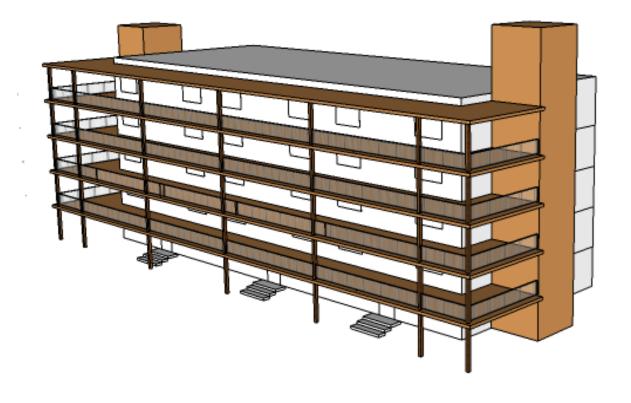


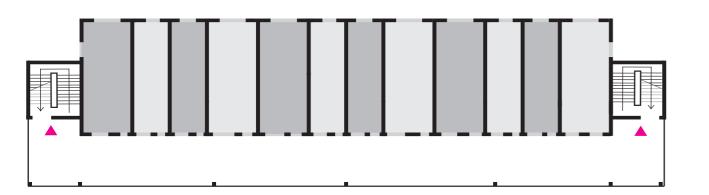






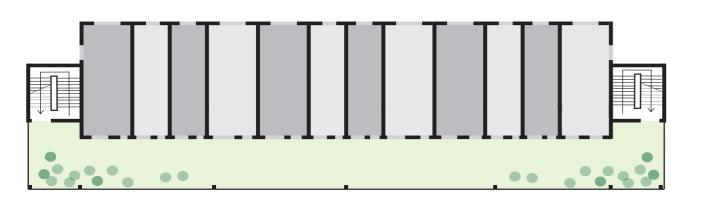


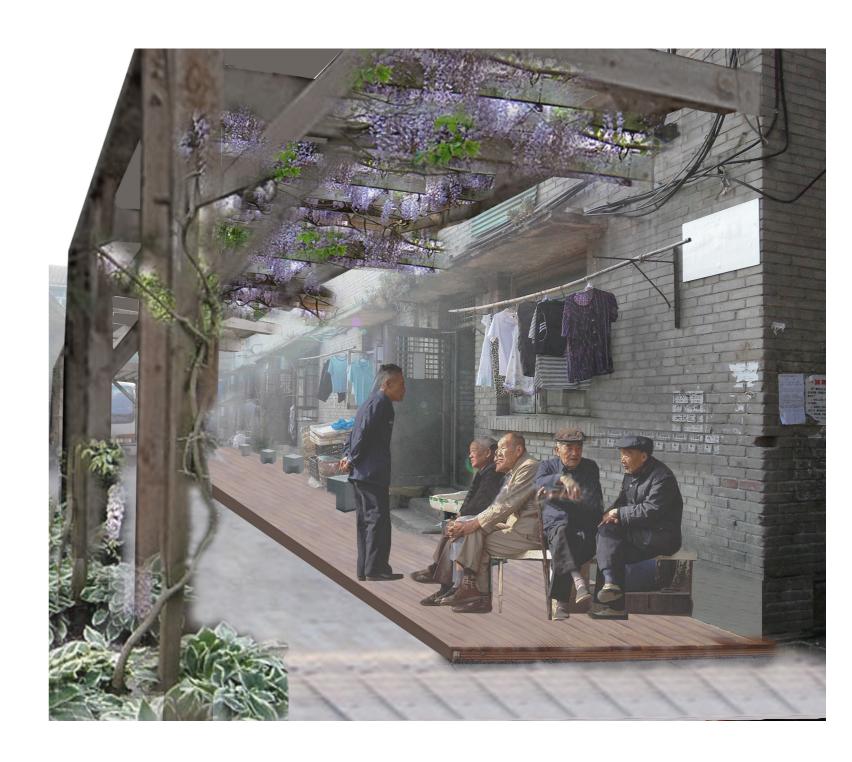


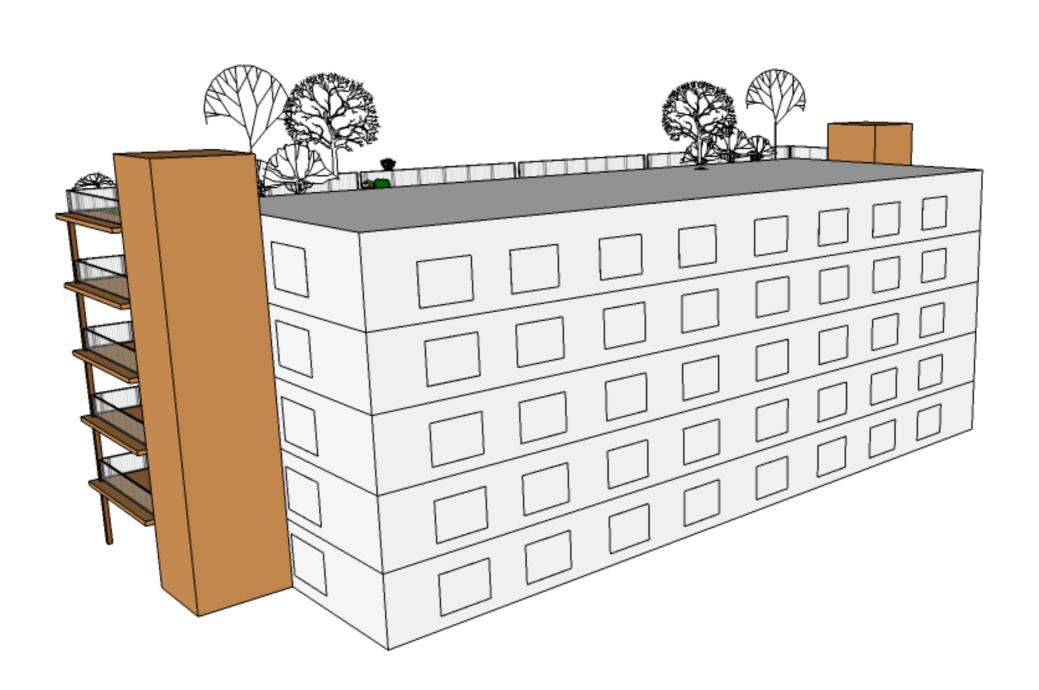


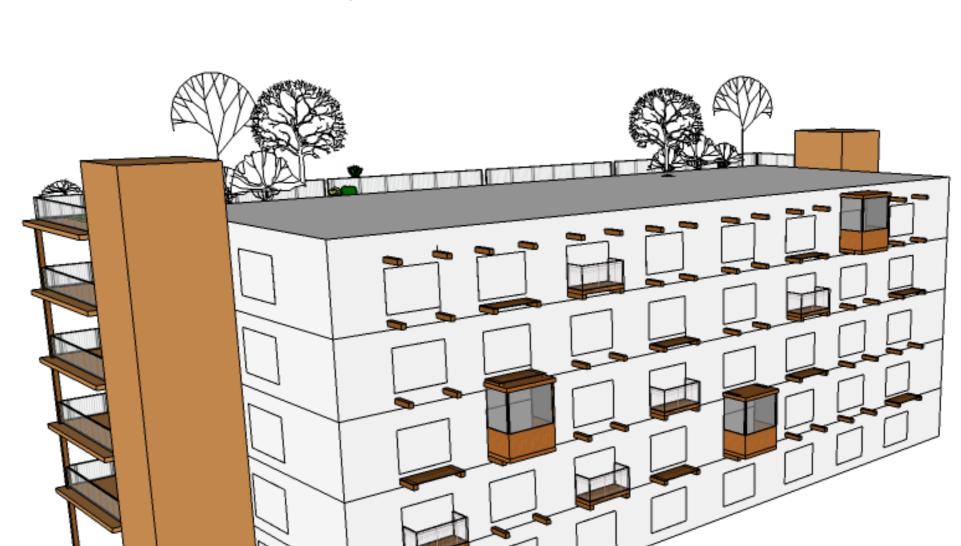


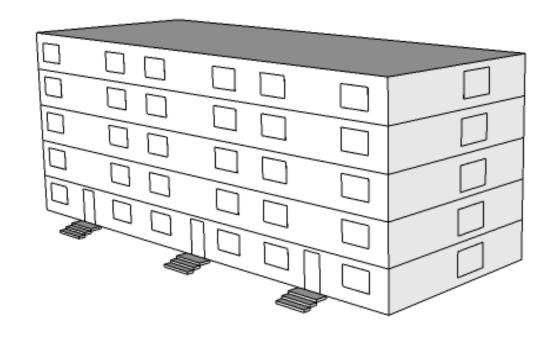


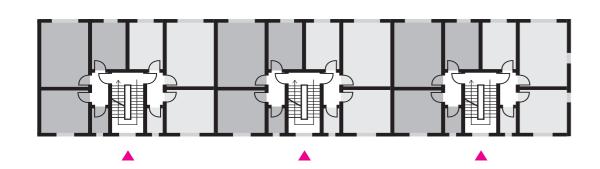




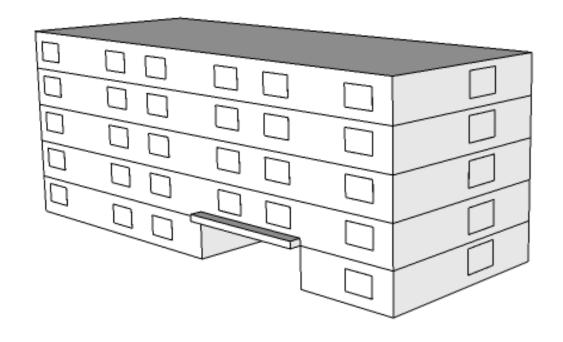


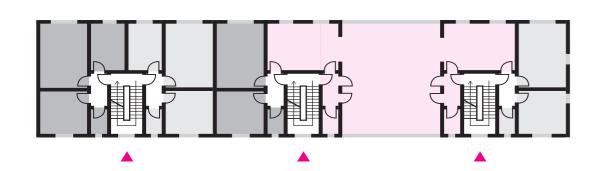




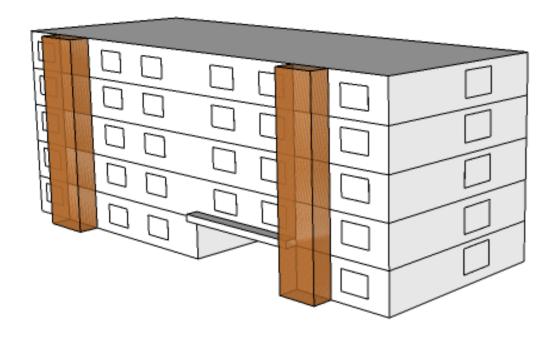


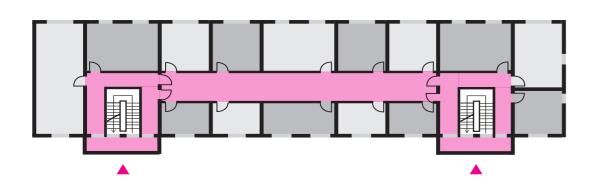




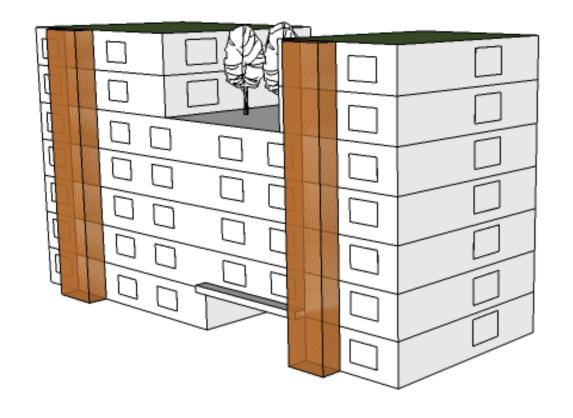


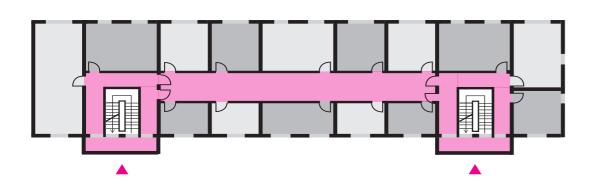




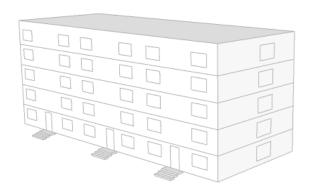


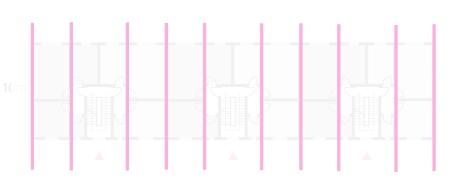






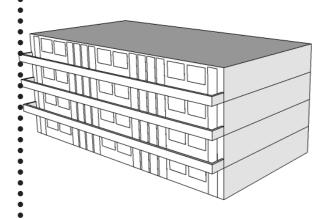


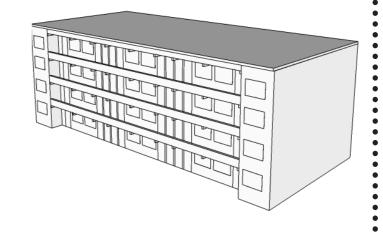


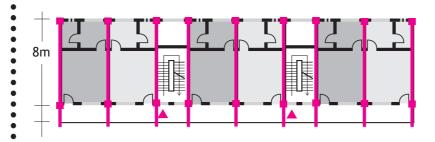


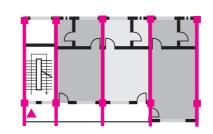


2. External Gallery



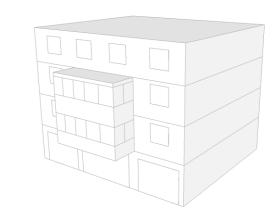


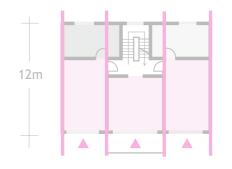




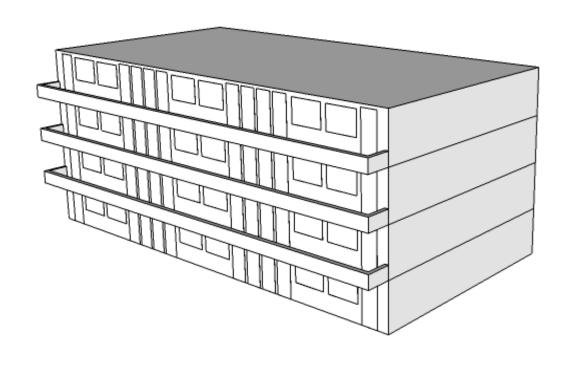


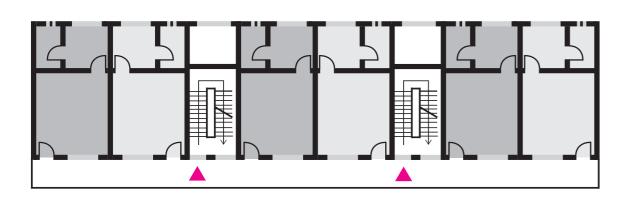




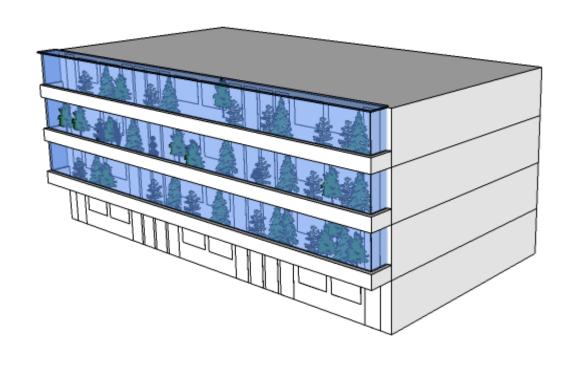


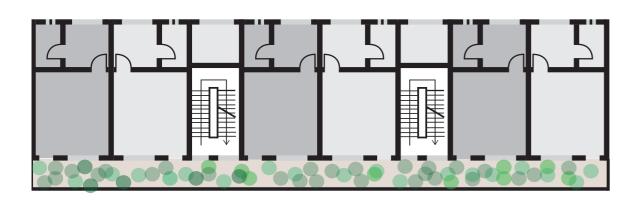




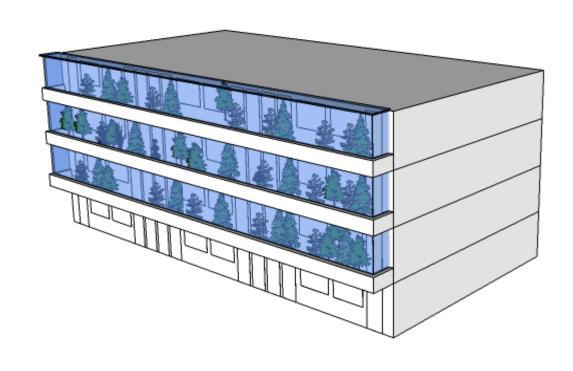


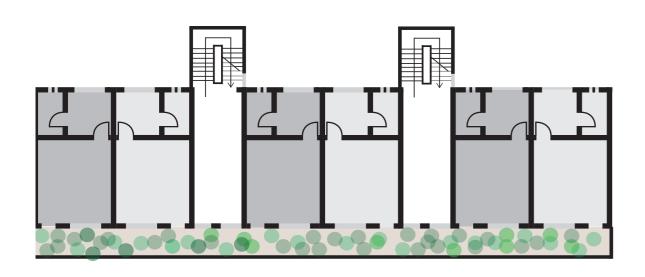




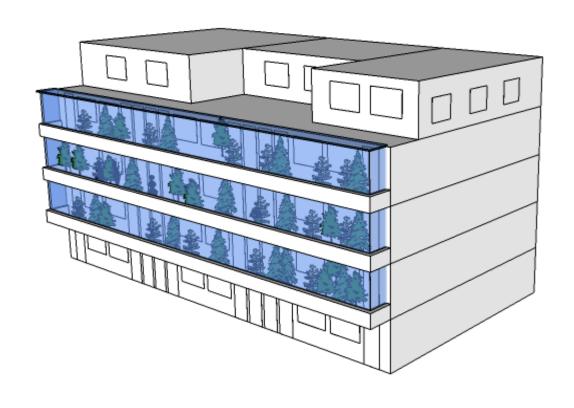


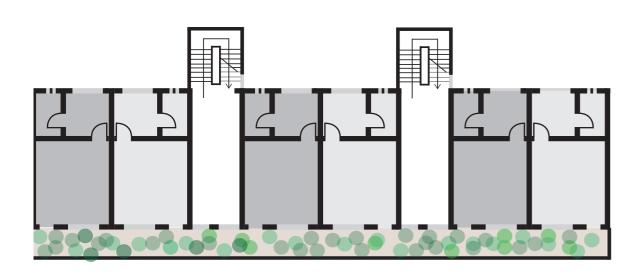




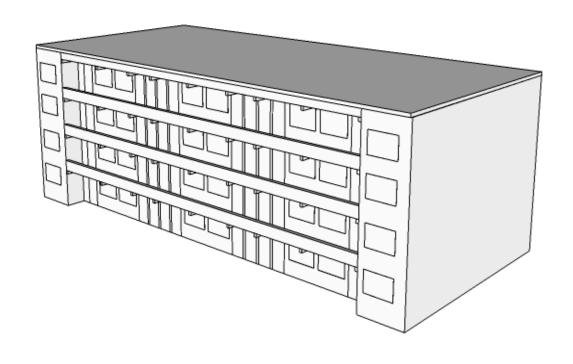


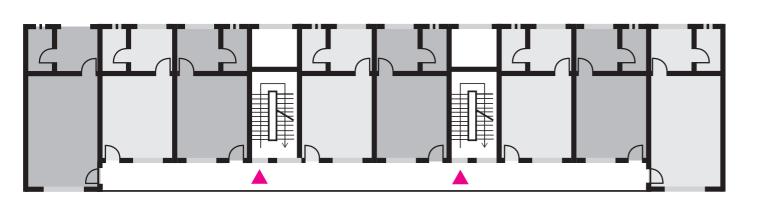




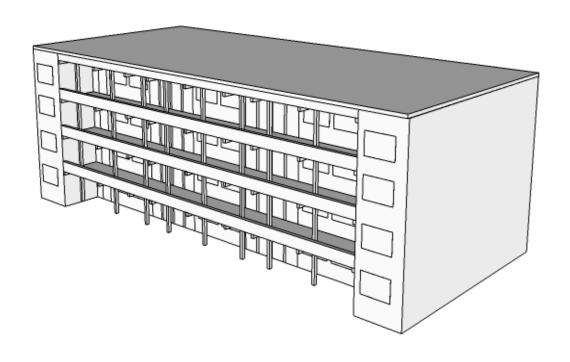


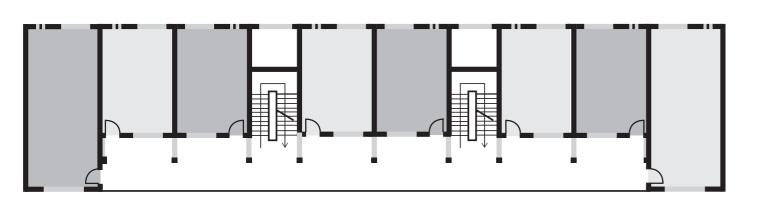




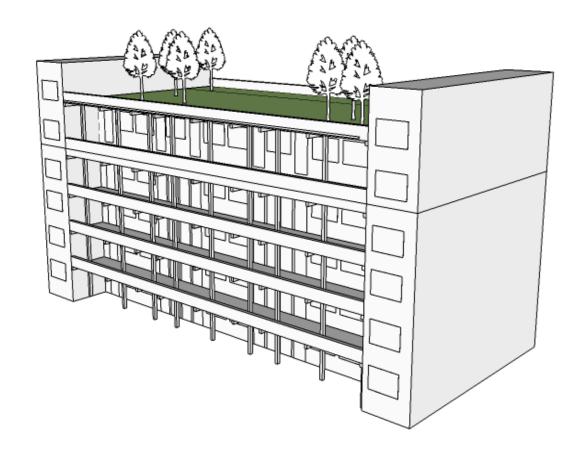












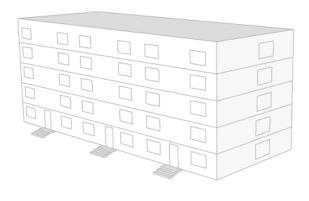


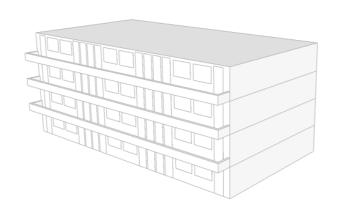


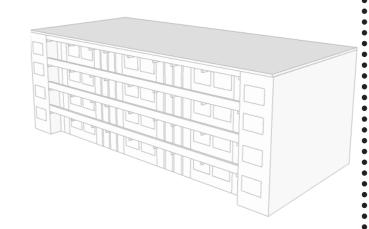
1. Internal Staircase

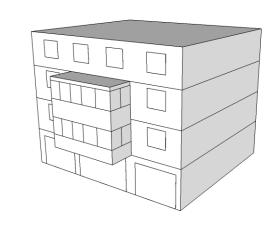
2. External Gallery

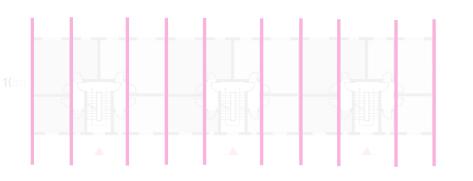
3. Shops

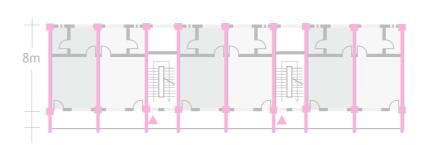


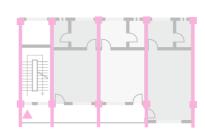


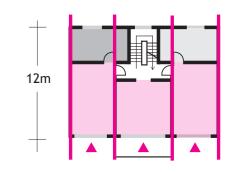








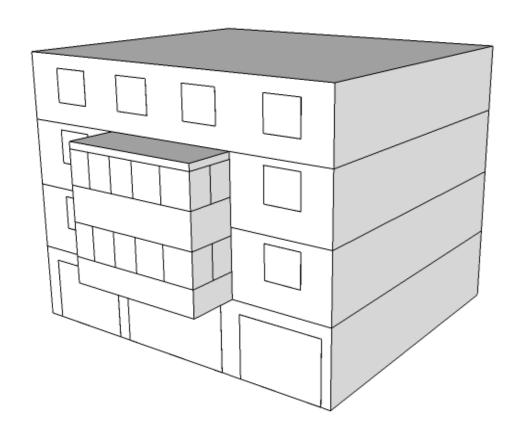


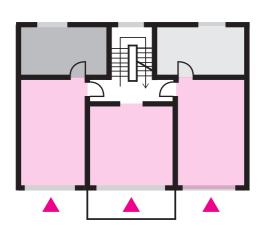




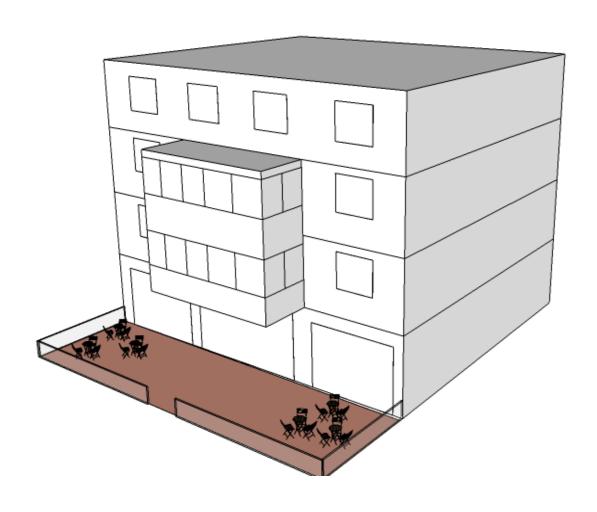


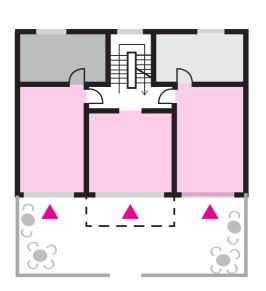




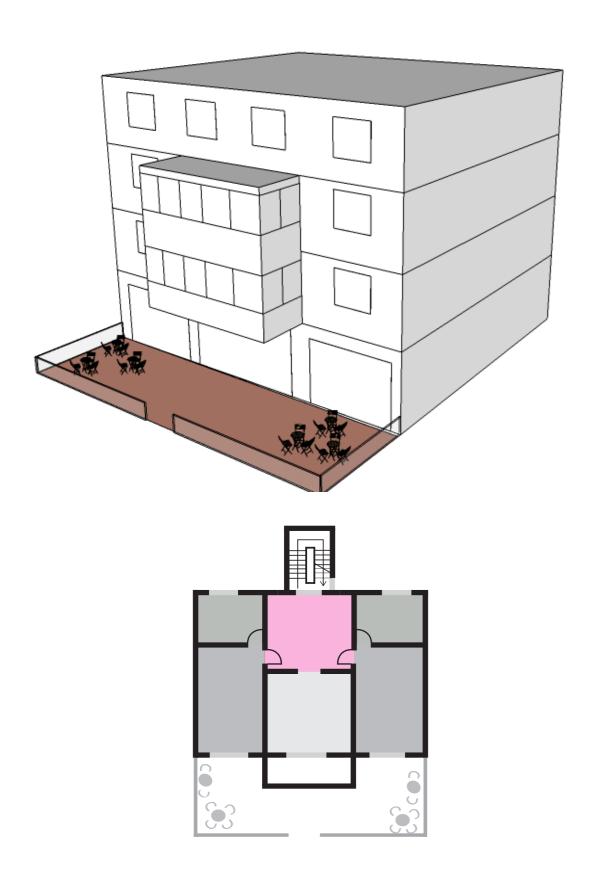




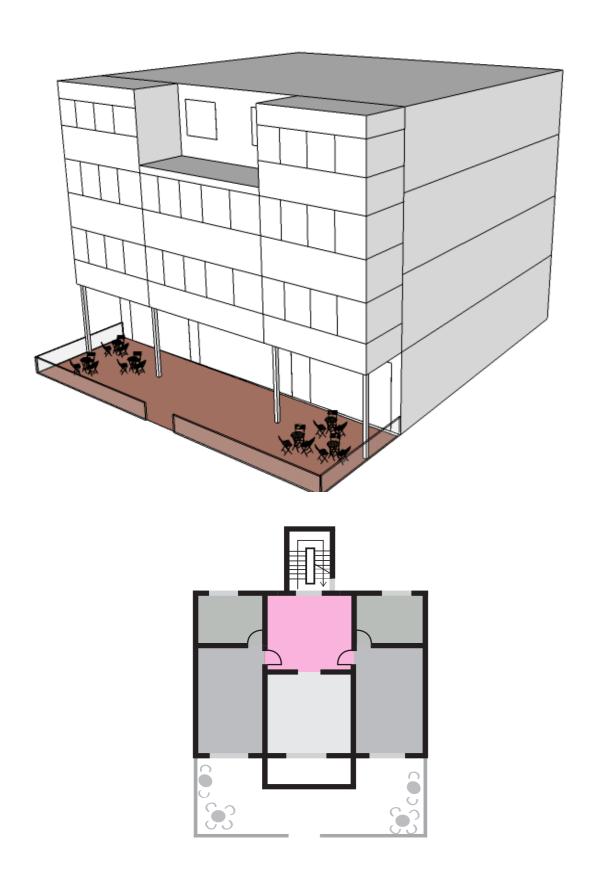


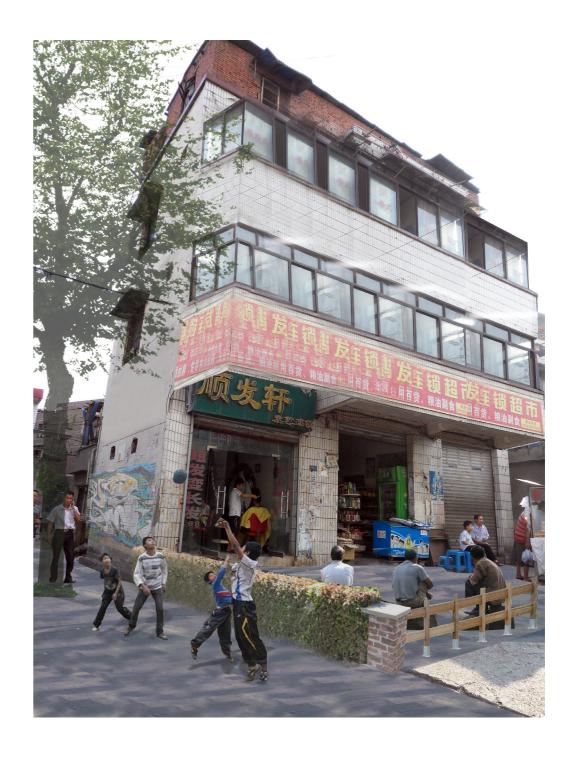




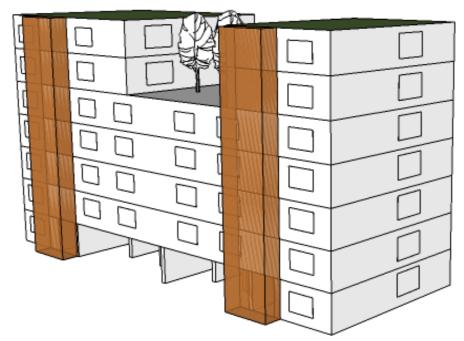


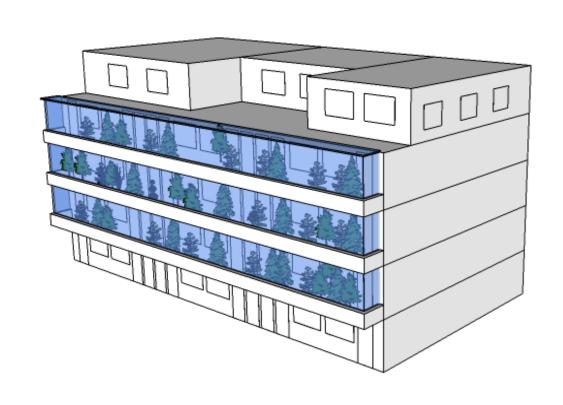


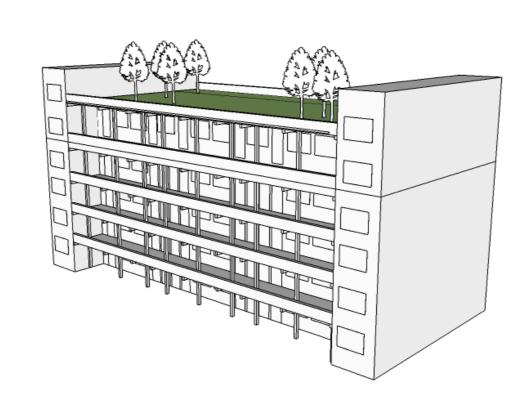


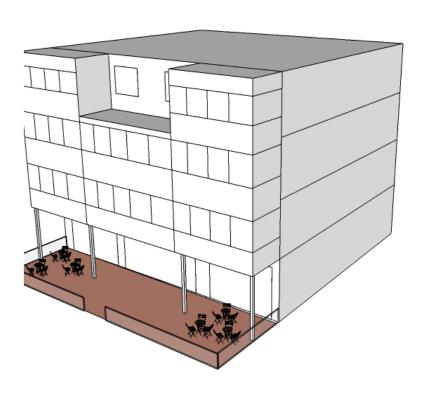












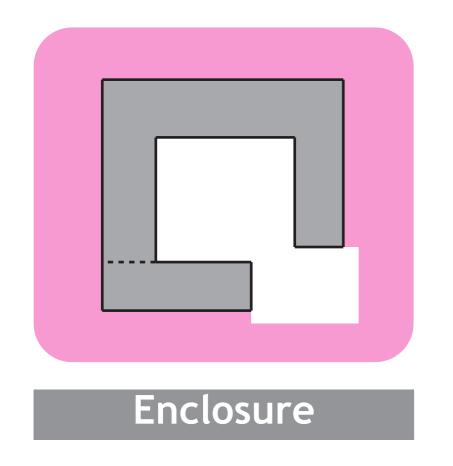


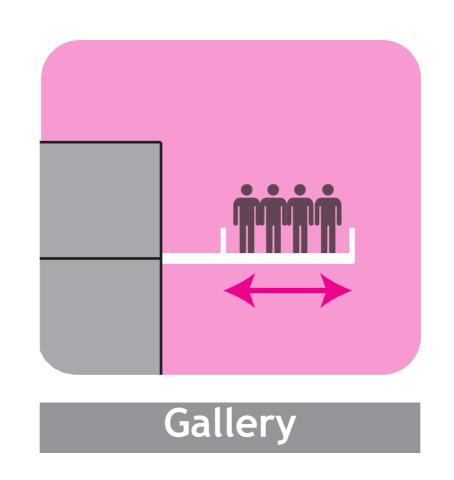


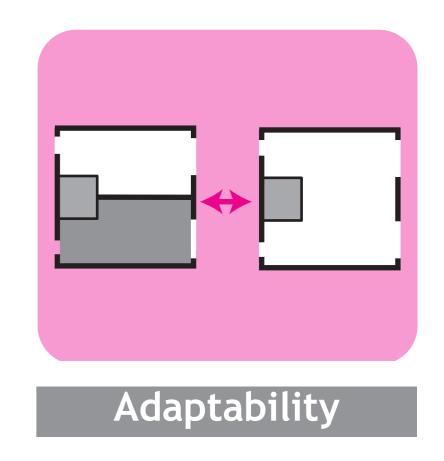


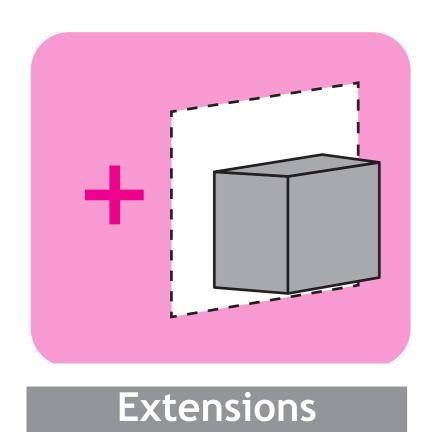


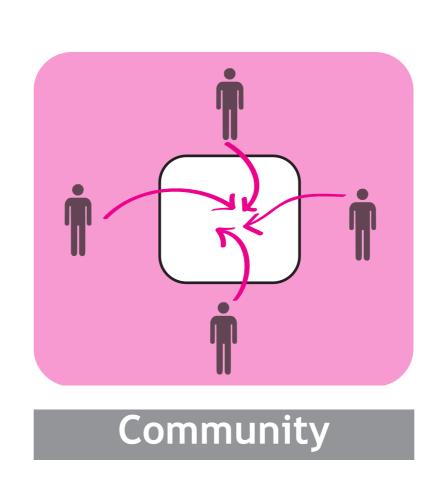


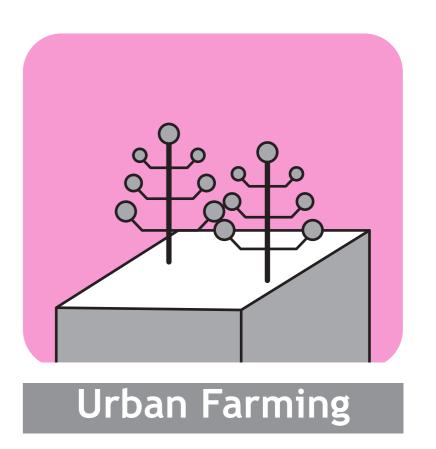




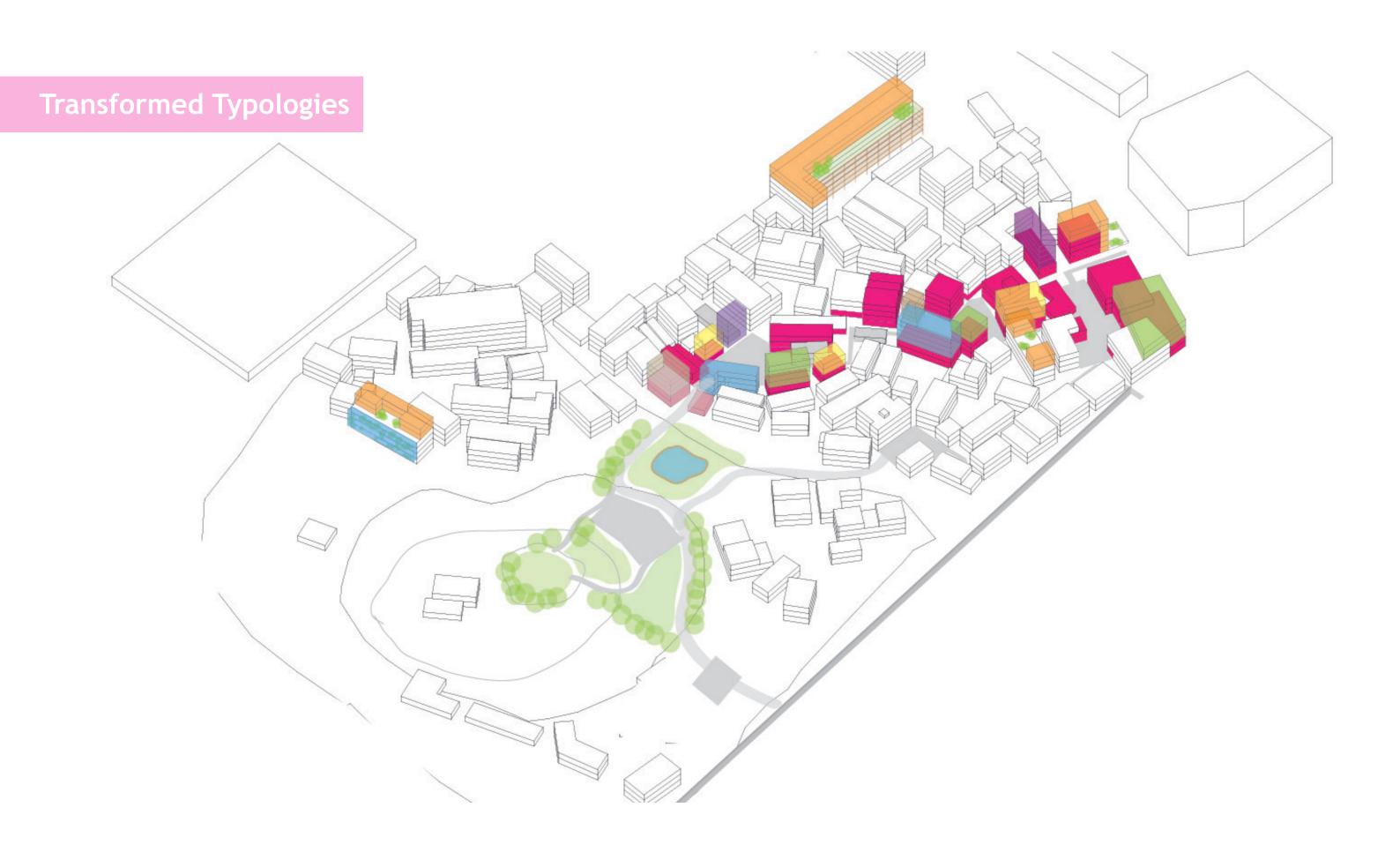














56.680 m2 + **15.000**m2: **71.680** m2 current BVO

1045 inhabitants * 50m2 = 52.250 m2 desired BVO (short-term)

1045 inhabitants * 80m2 = 83.600 m2 desired BVO (long-term)



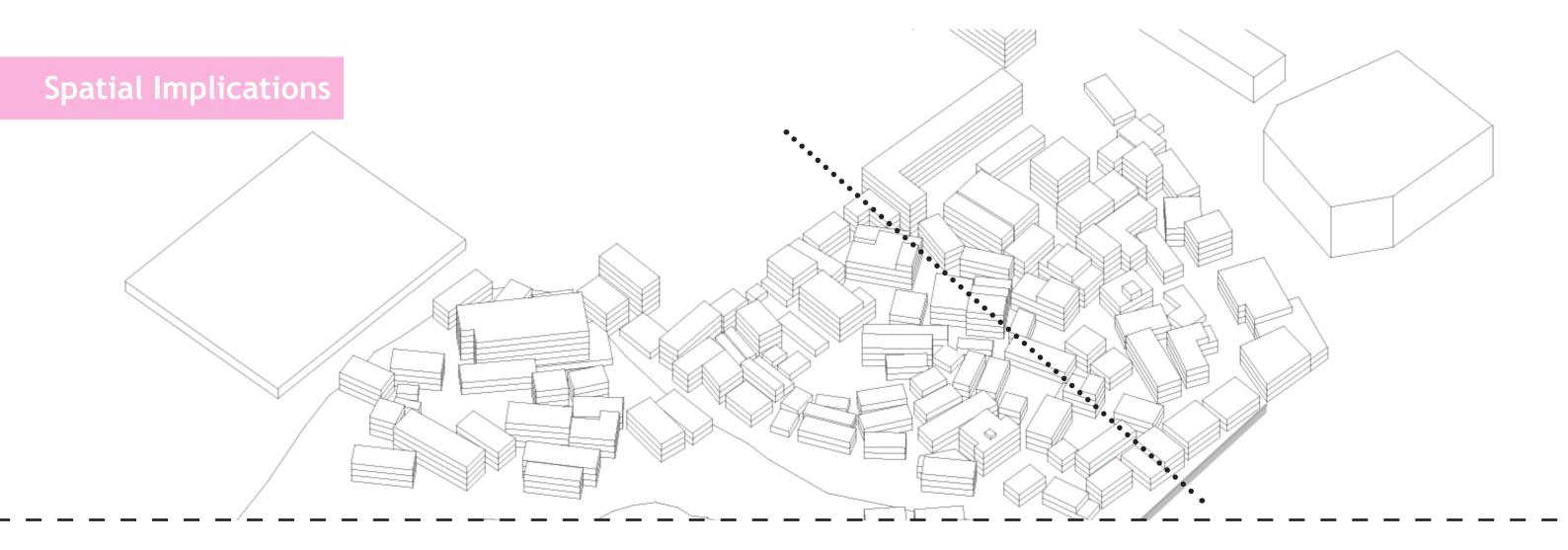


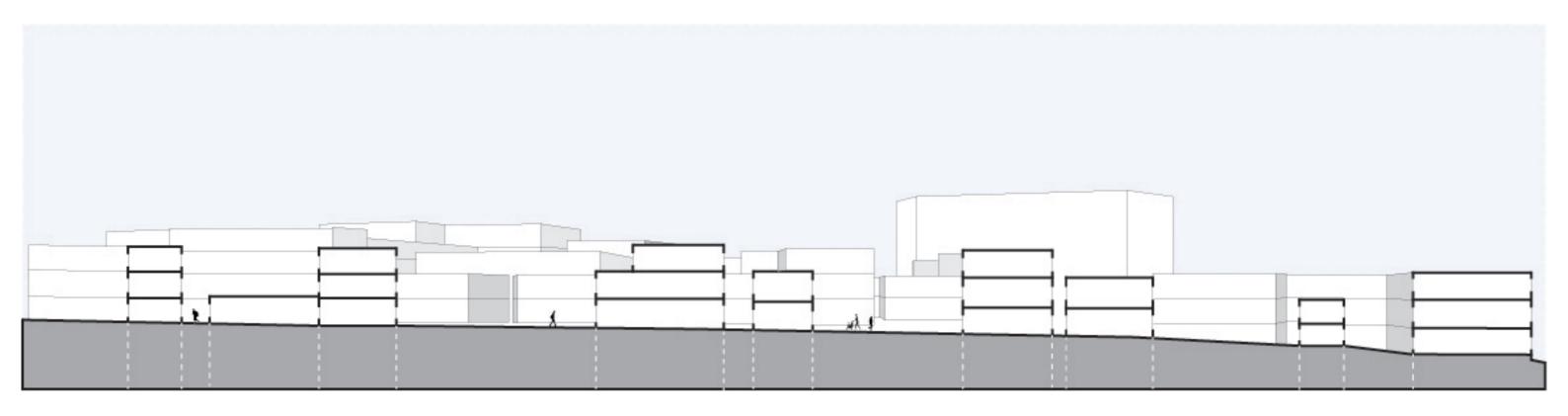


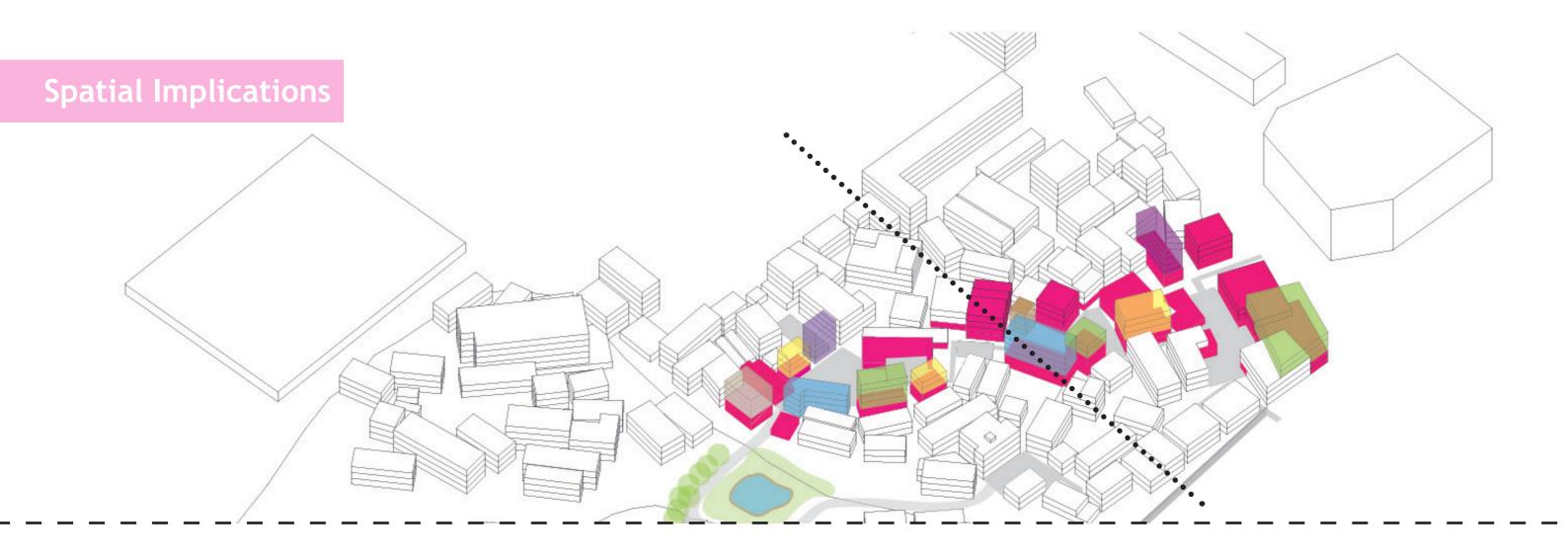
71.680 m2 +10.000m2= 81.680m2 current BVO

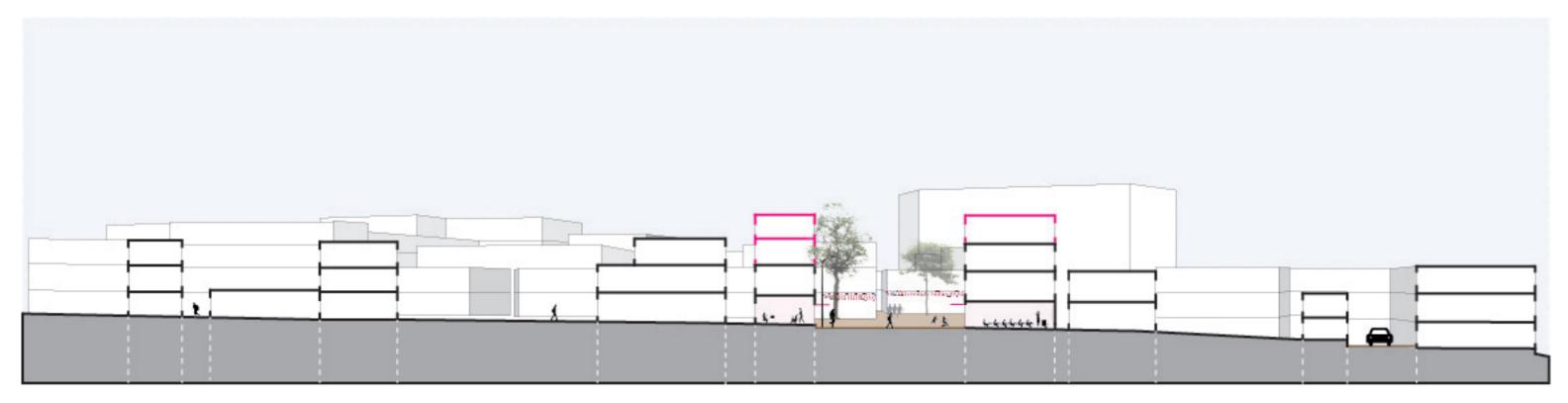
1045 inhabitants * 50m2 = 52.250 m2 desired BVO (short-term)

1045 inhabitants * 80m2 = 83.600 m2 desired BVO (long-term)



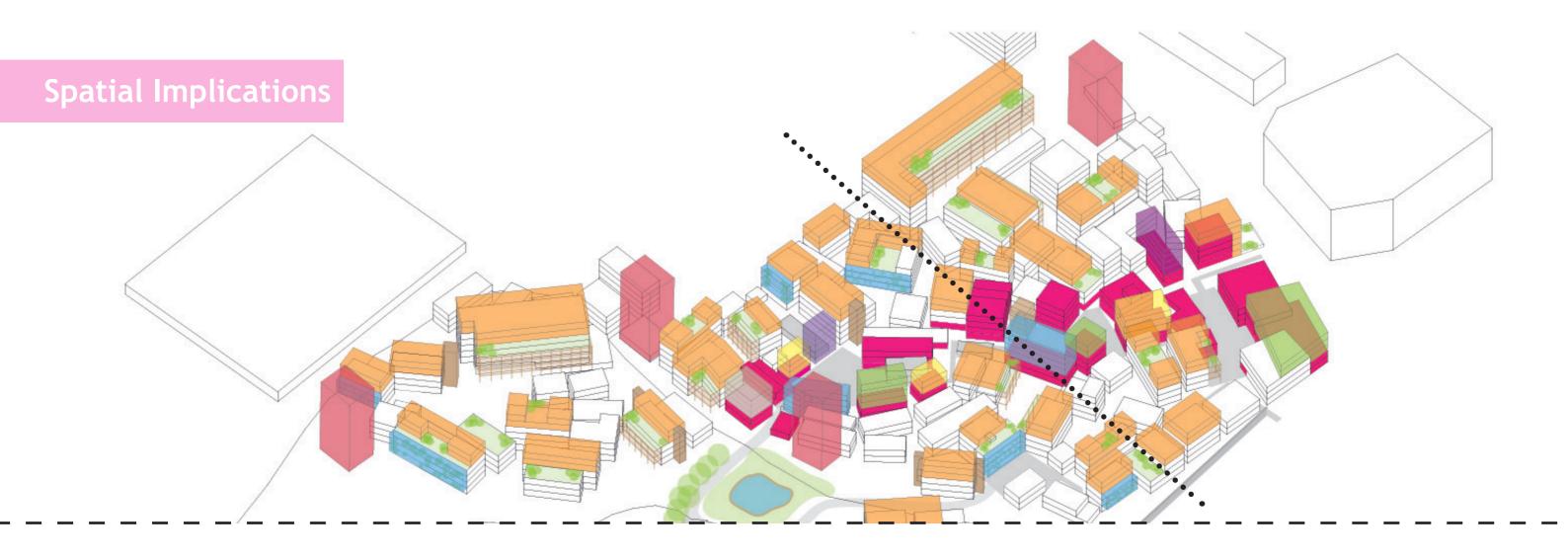


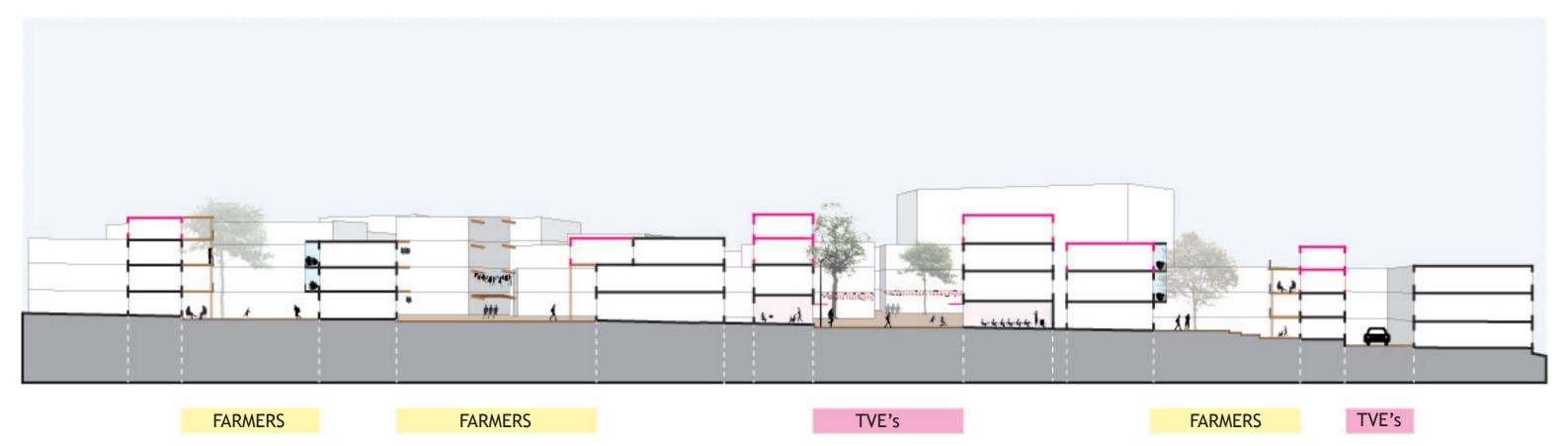


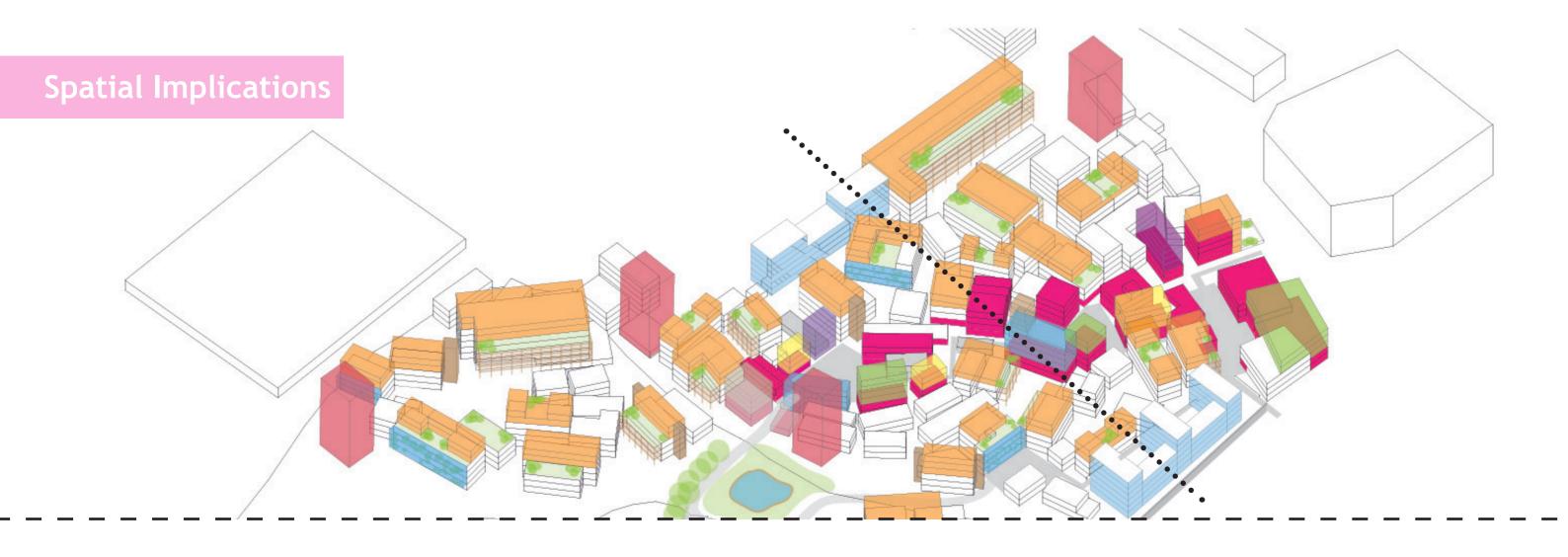


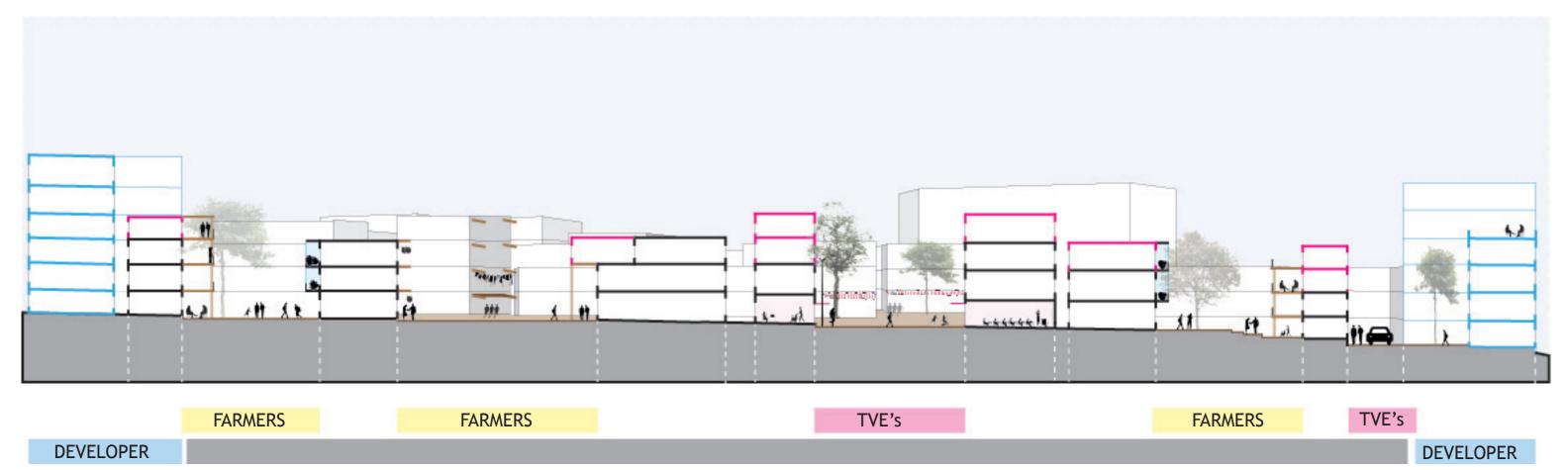
TVE's

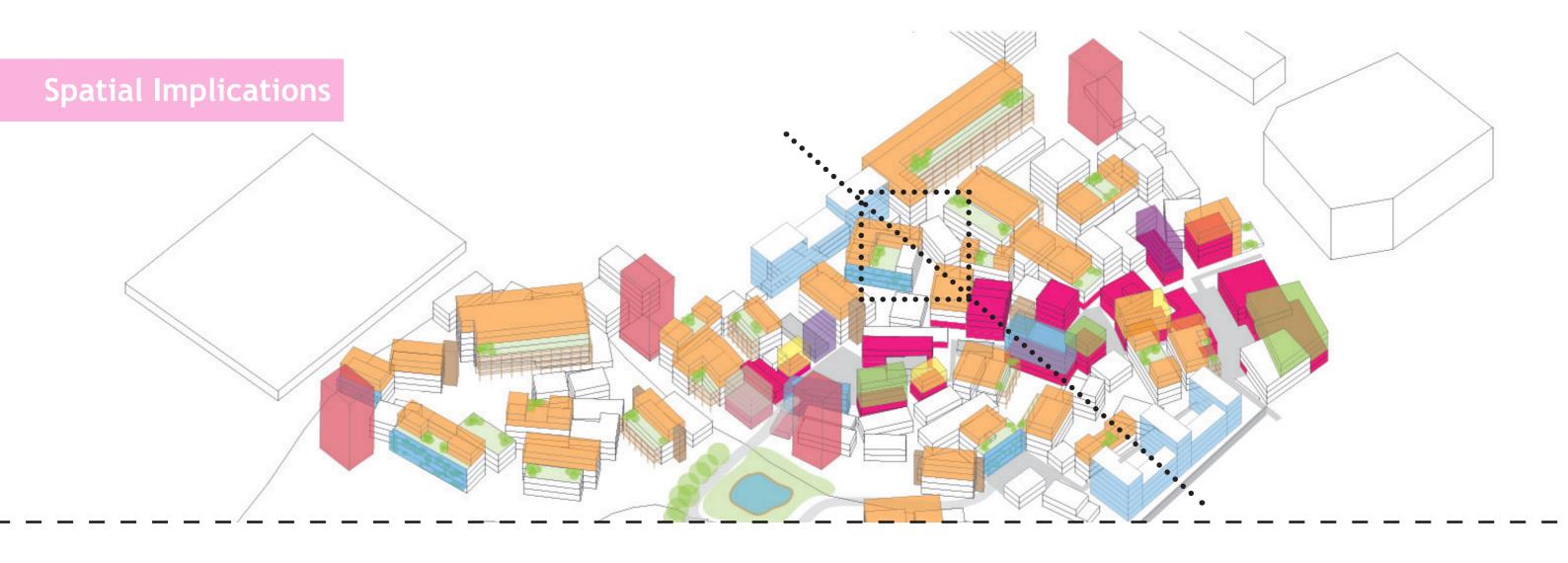
TVE's

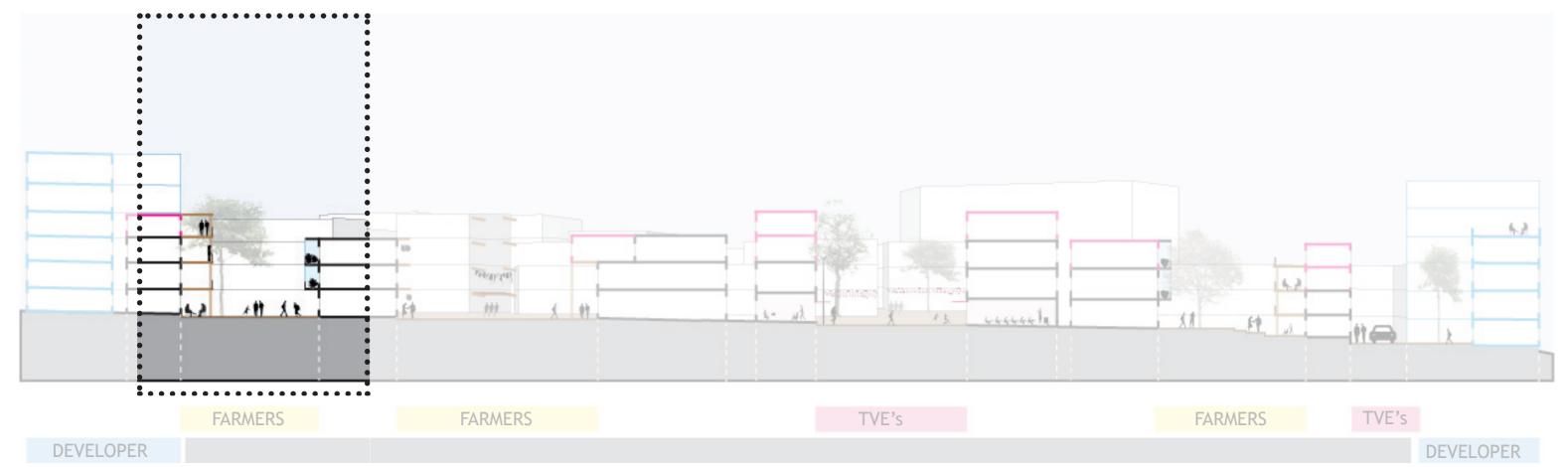


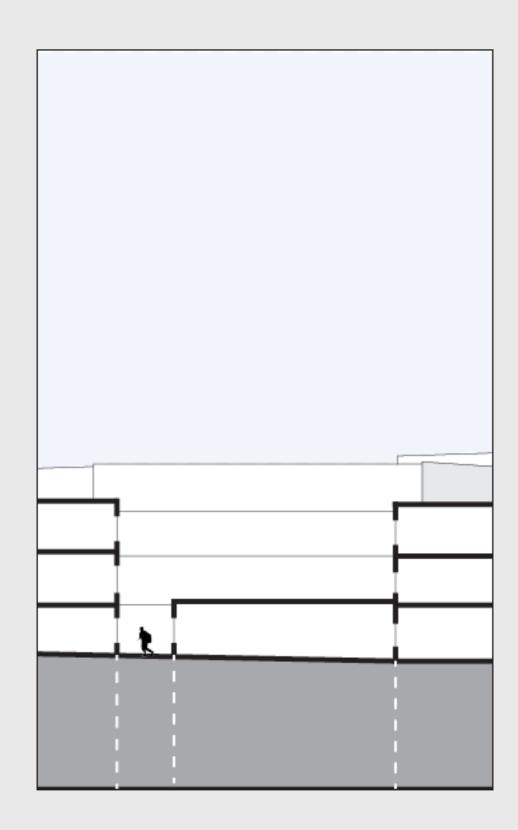


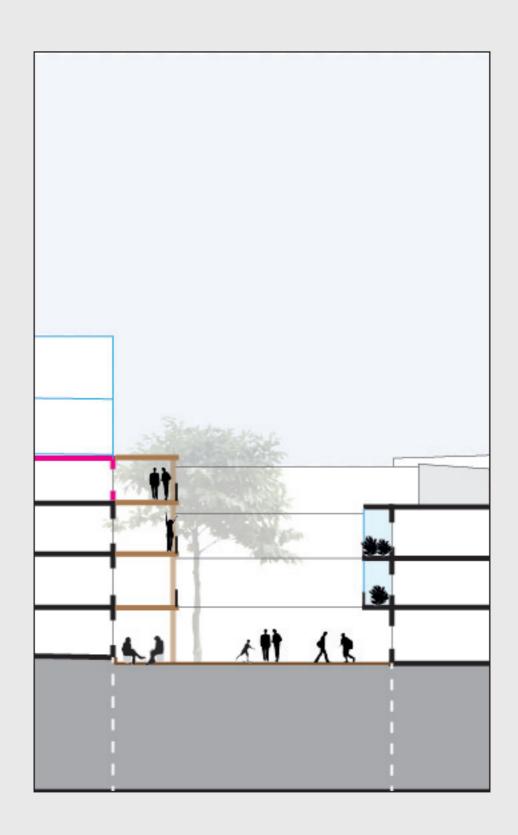


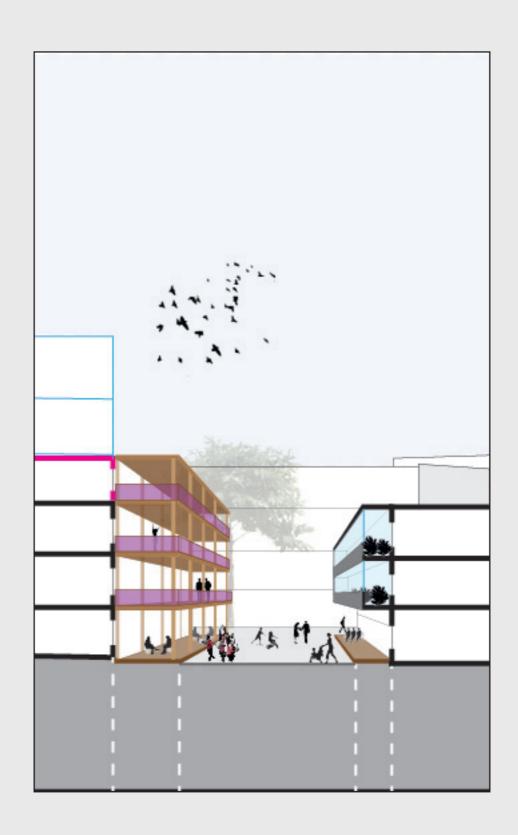


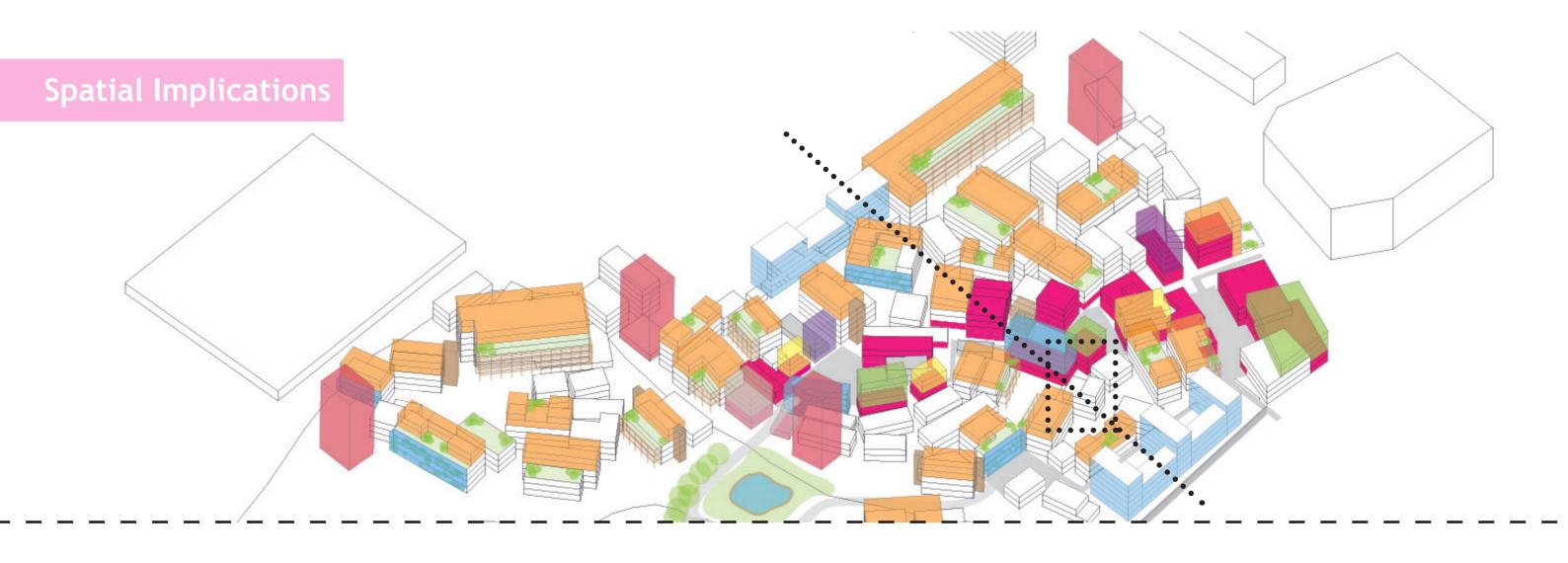


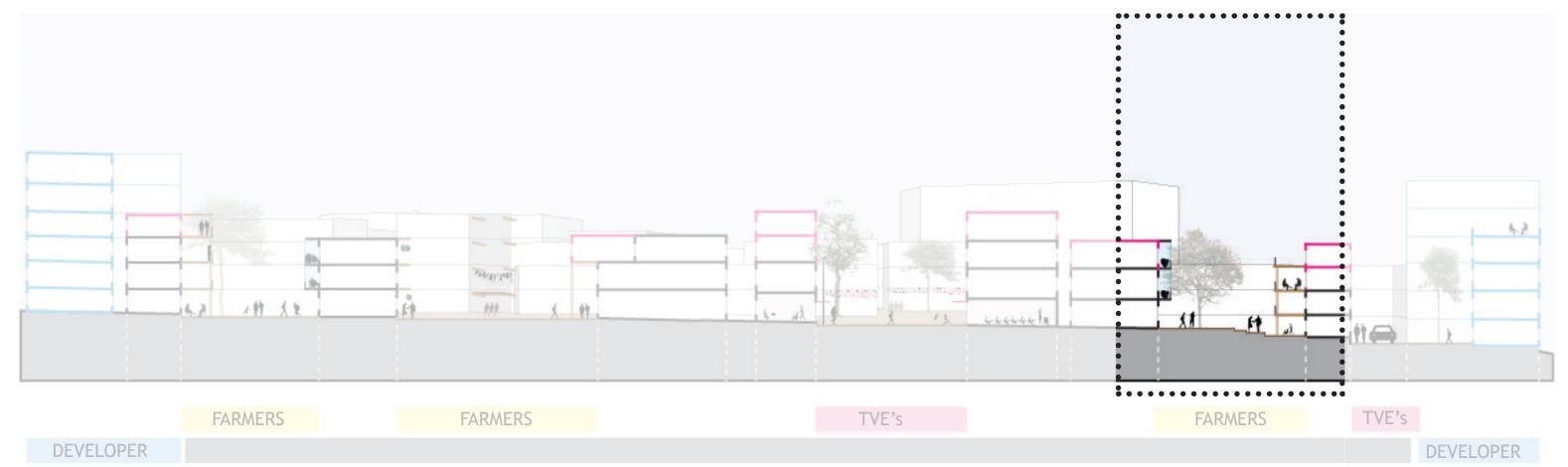


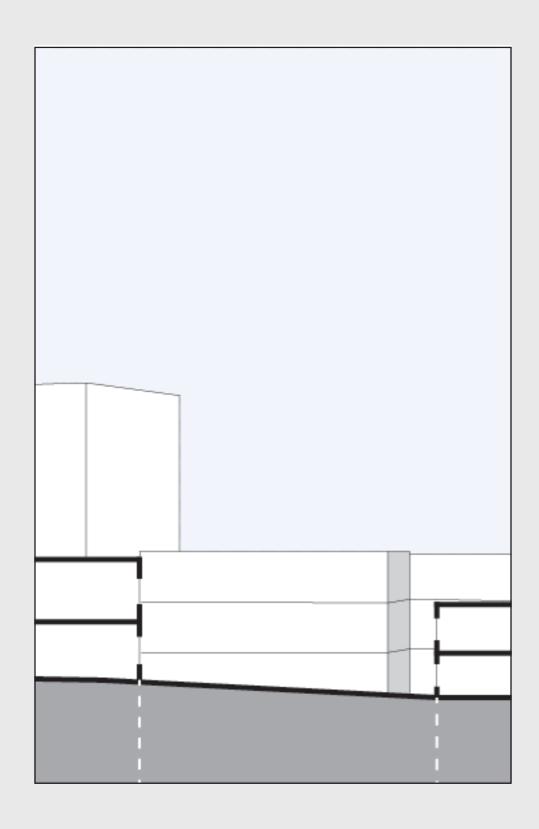


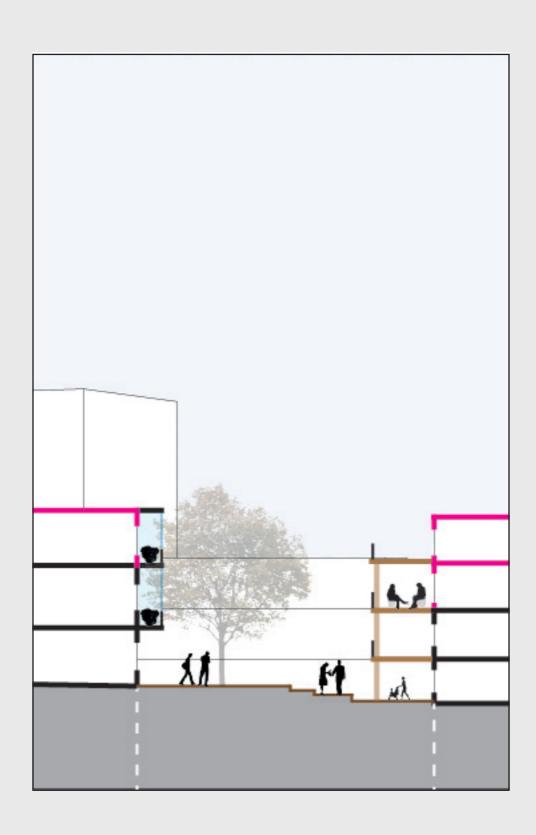


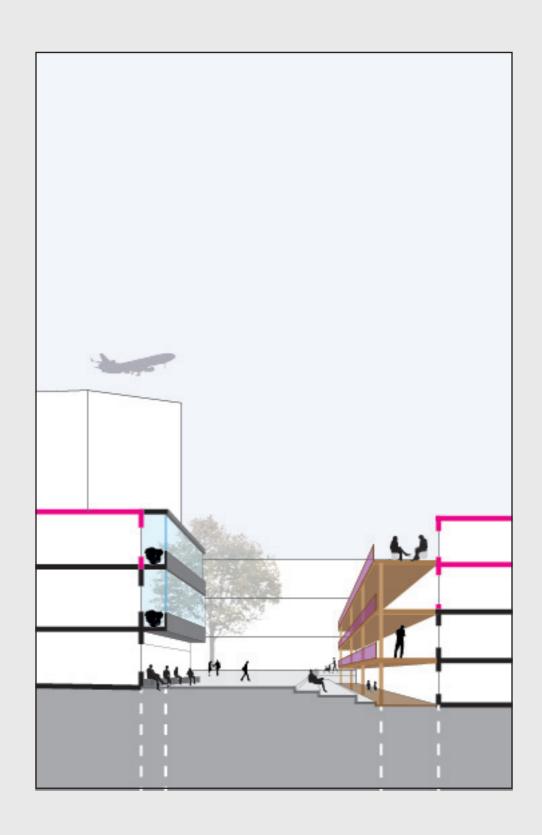


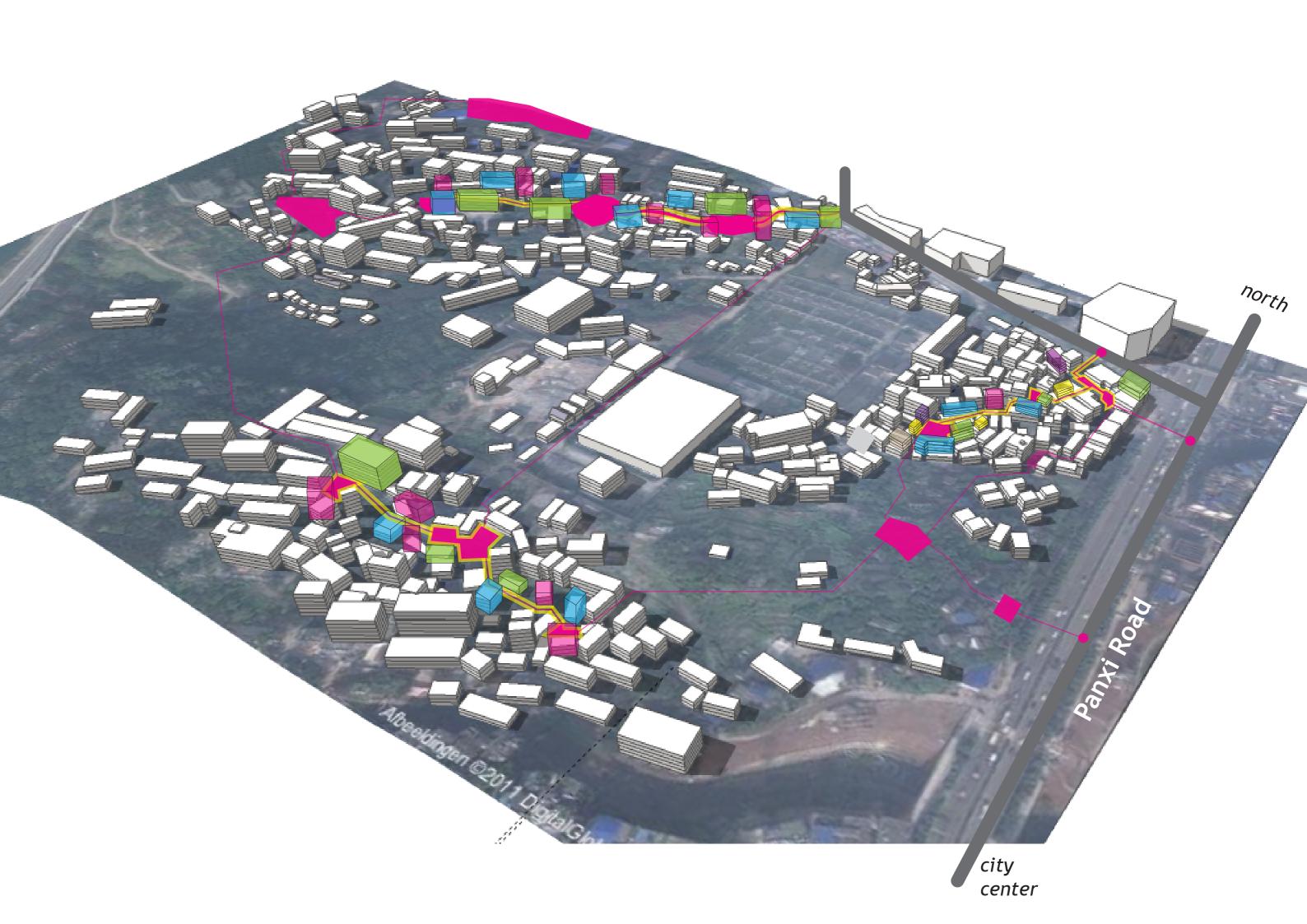


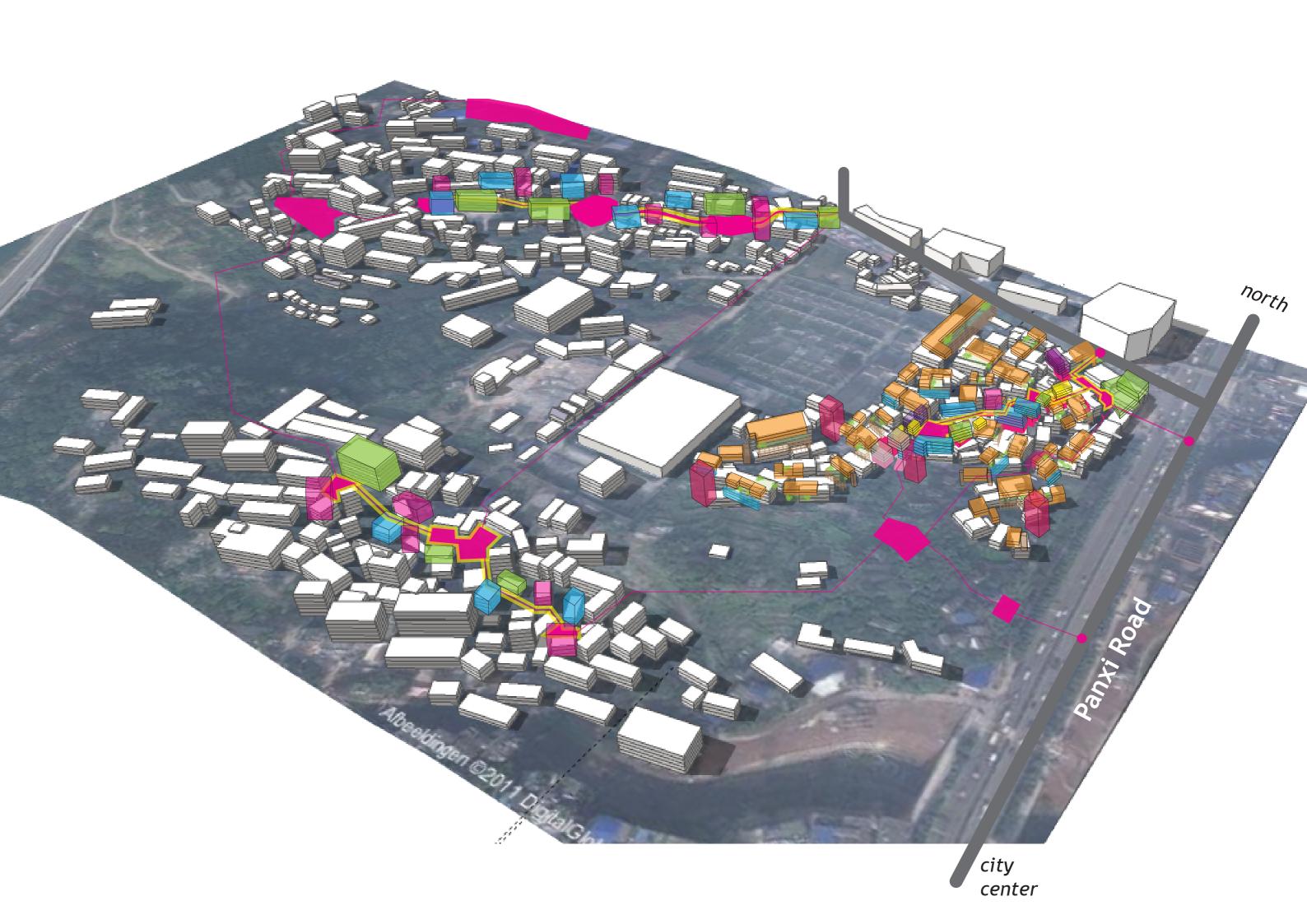


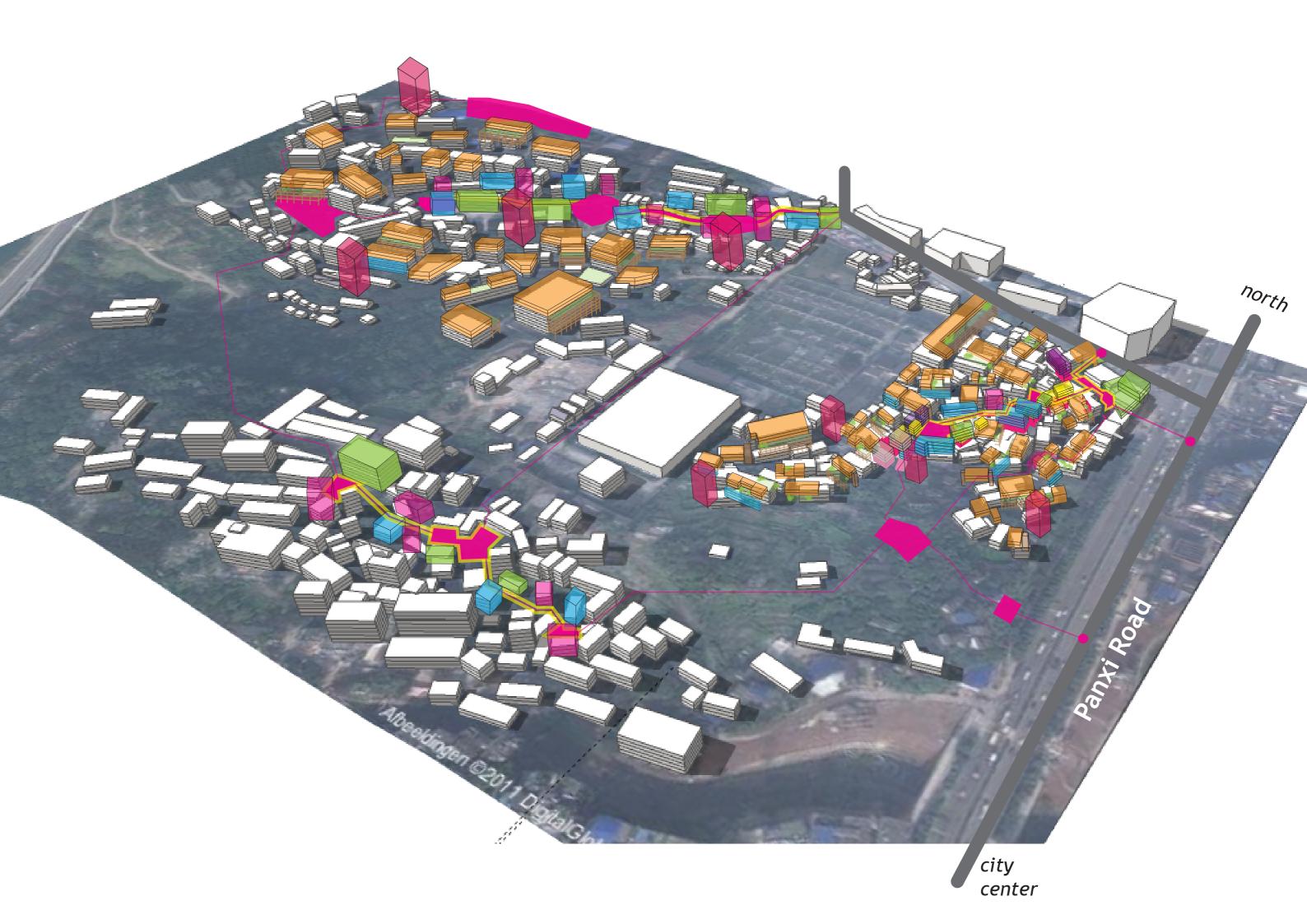


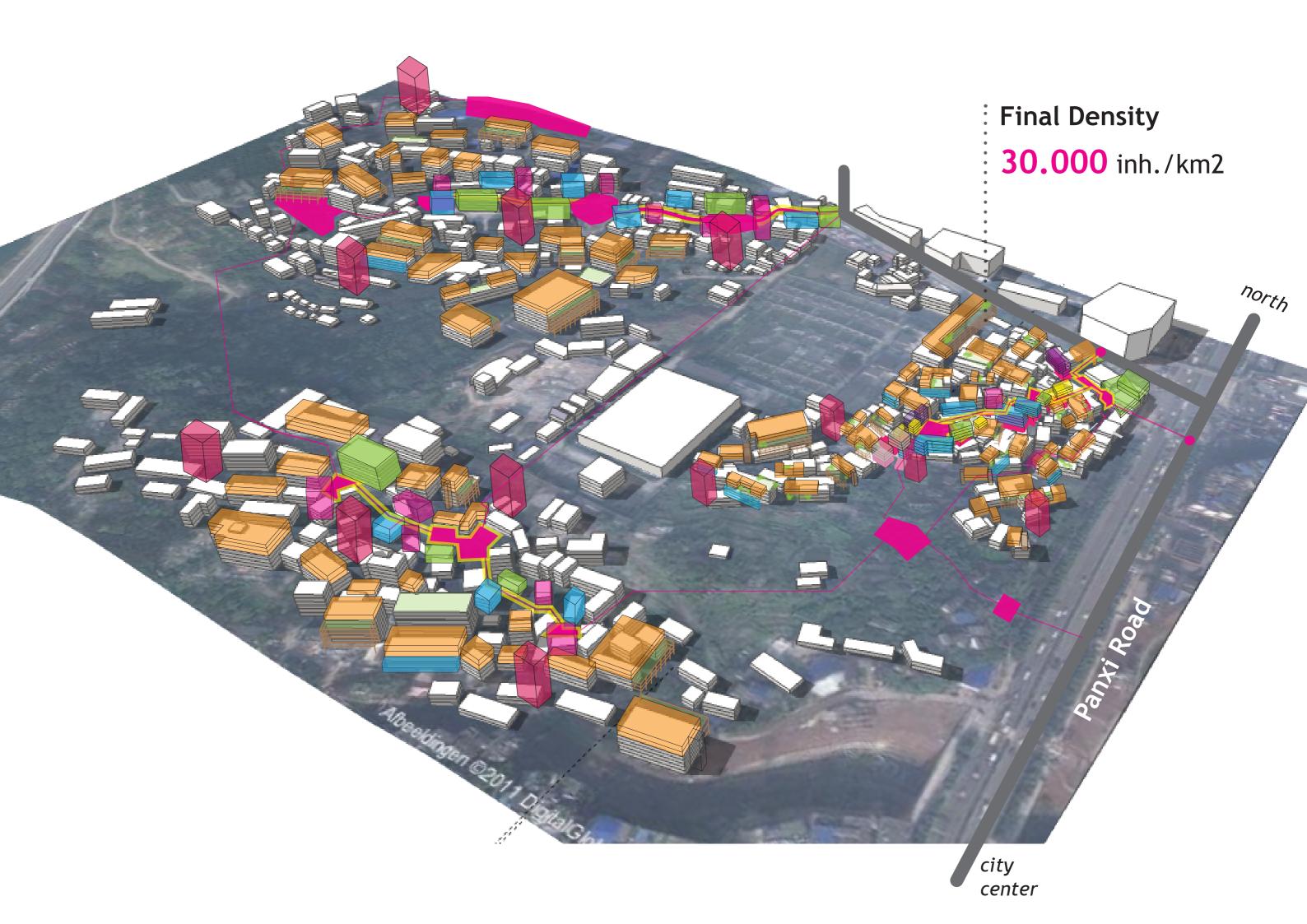


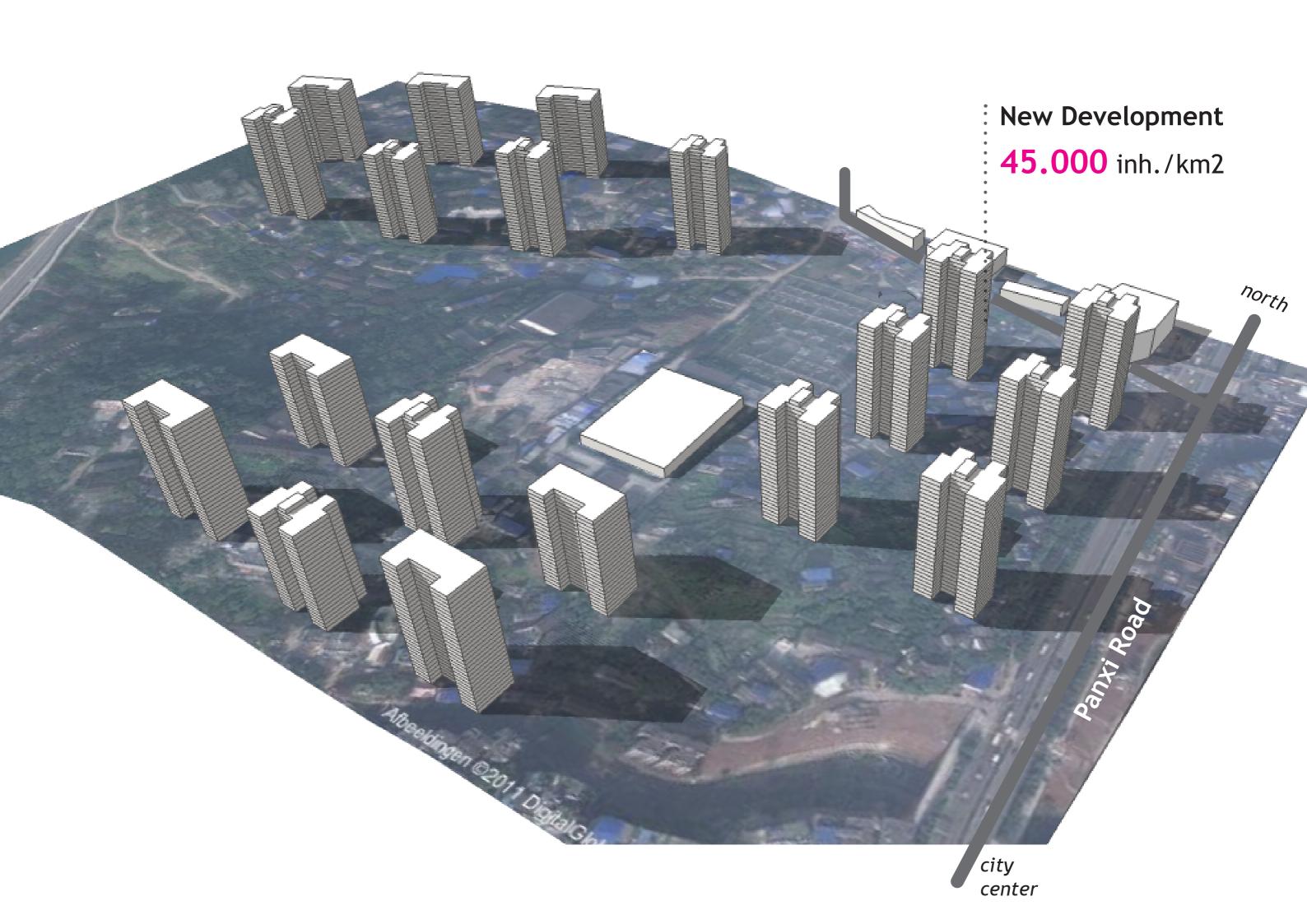


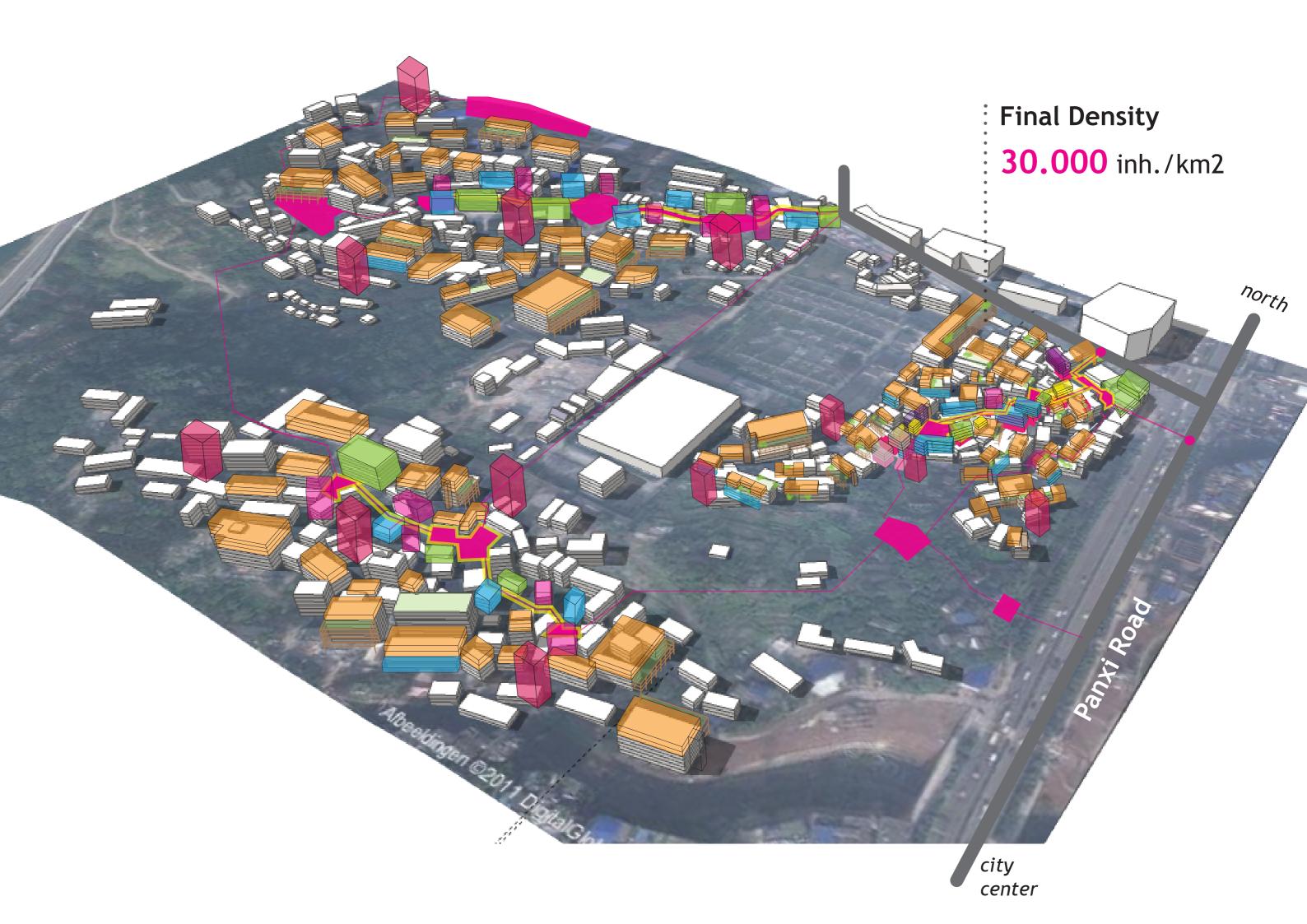






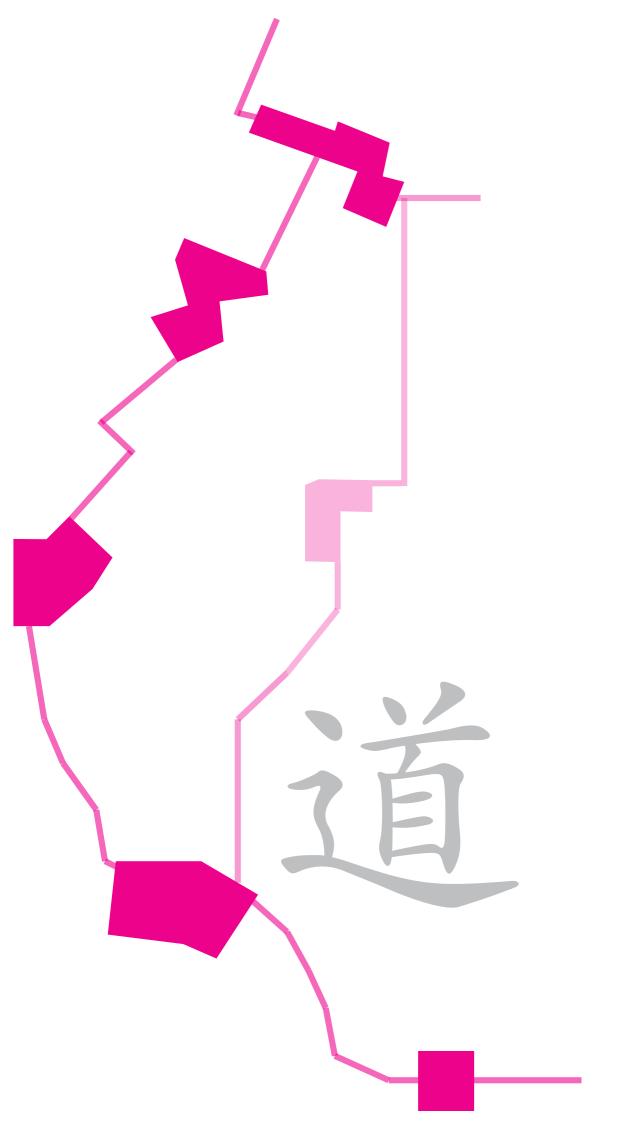




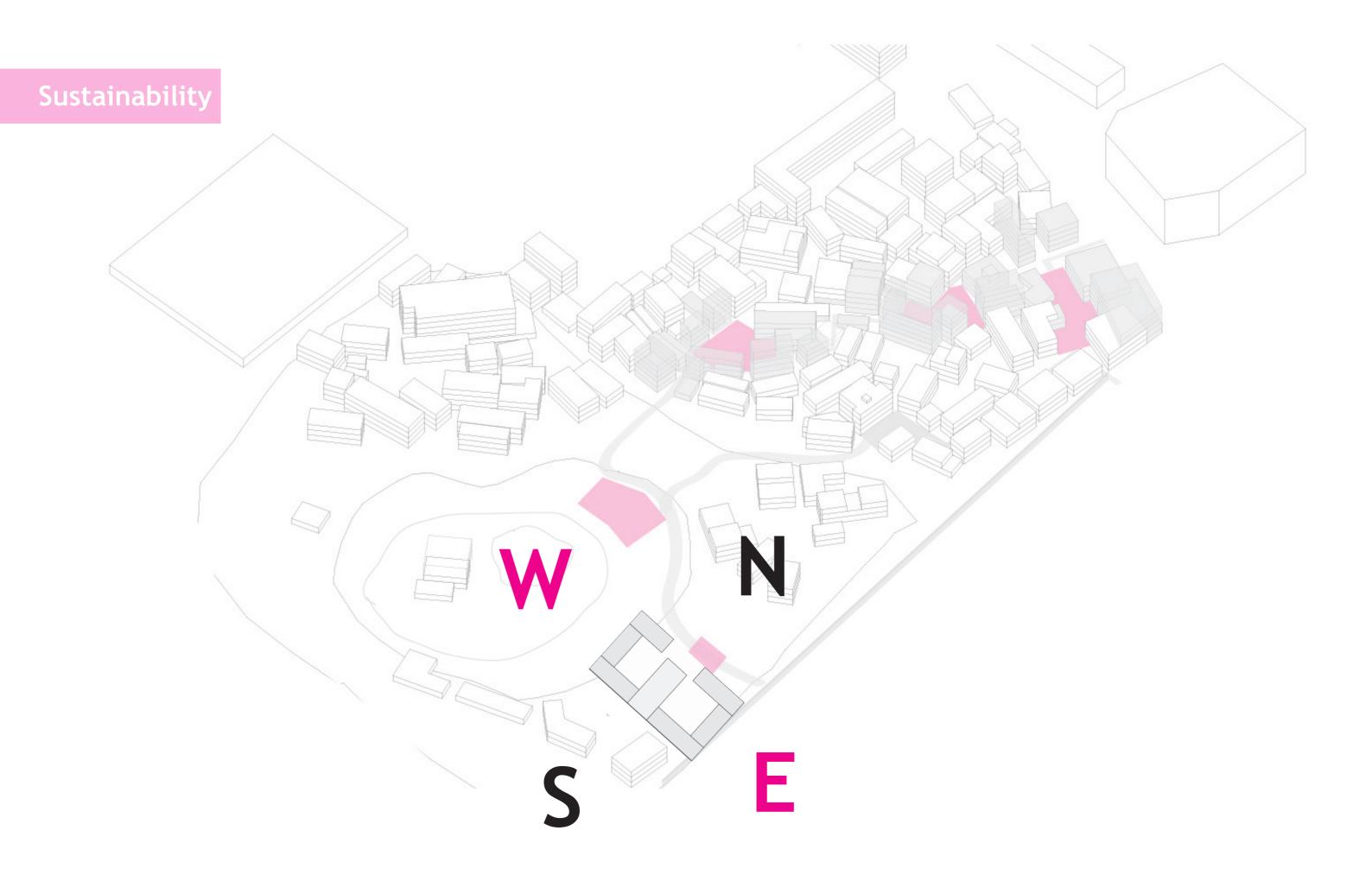


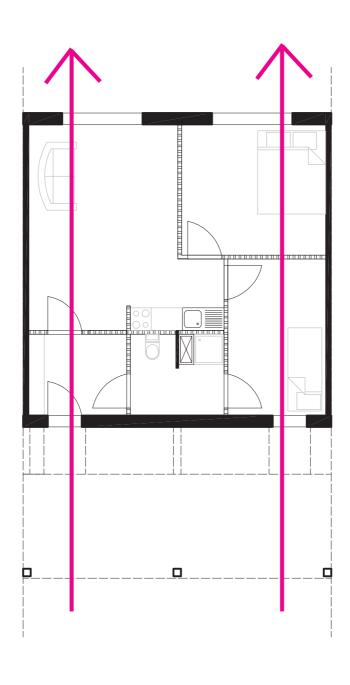






Thank You 谢谢大家





Apartments scale 1: 100

