

RESEARCH

CHARACTERISTICS OF ST

BEHAVIOR IN ST

SPATIAL ELEMENTS IN ST

DESIGN ADVICE FOR DESIGN ADVICE FOR SECONDARY TERRITORY

PROGRAM

SPATIAL DESIGN

DESIGN GUIDE

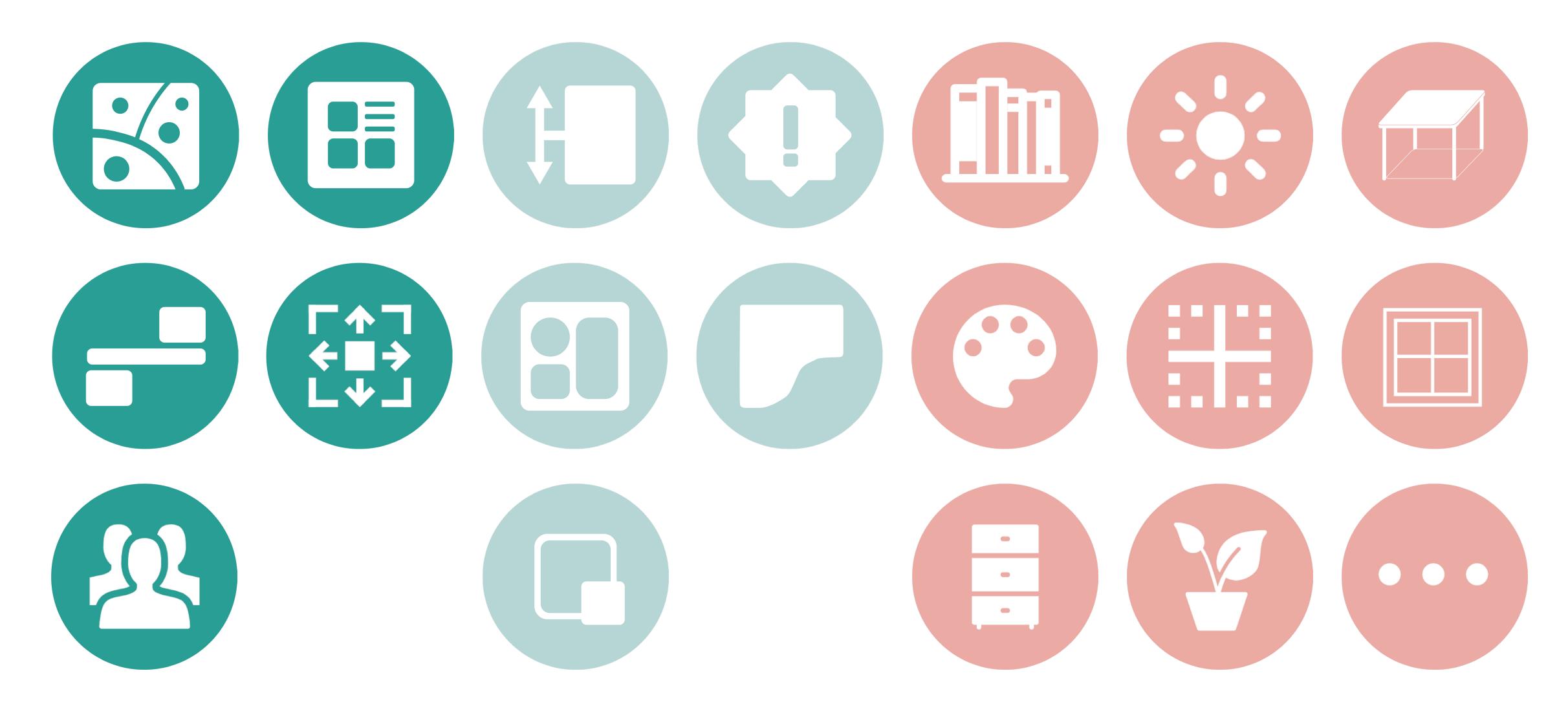
DESIGN ADVICE FOR

SECONDARY TERRITORY

DESIGN ADVICE FOR

PROGRAM

DESIGN ADVICE FOR SPATIAL DESIGN



SITE WEAKNESS

MISSING TRANSITION FROM UNDER-USED SECONDARY WEAK RELATIONSHIP BETWEEN ARCHITECTURAL GROUPS PUBLIC TO PRIVATE TERRITORY SPACES CREATING A GRADIENCE OF ACTIVATE ST SPACE BY CONNECT THE NEIGHBORHOOD AND BRIDGE THE DIFFERENCE TERRITORY PERSONALIZATION

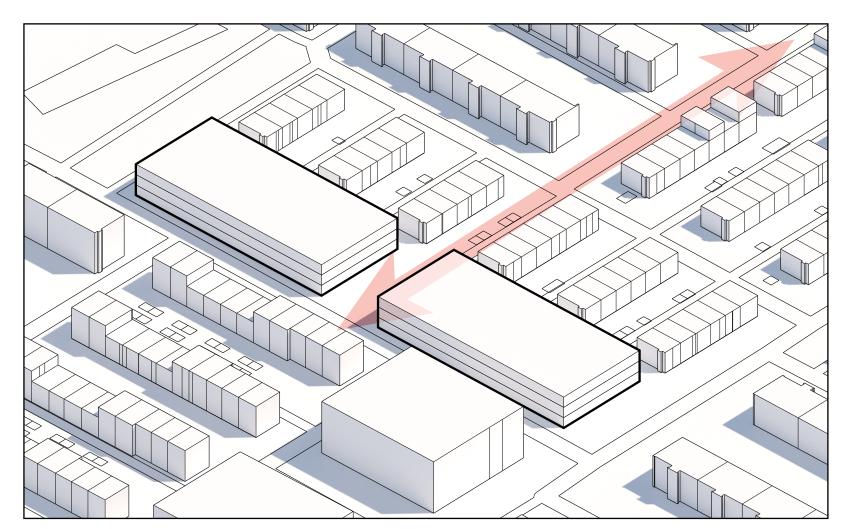
DESIGN GOAL



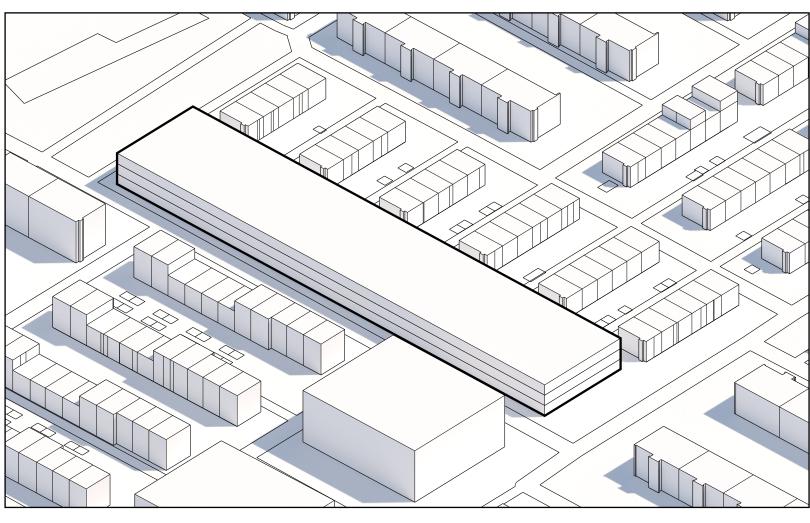




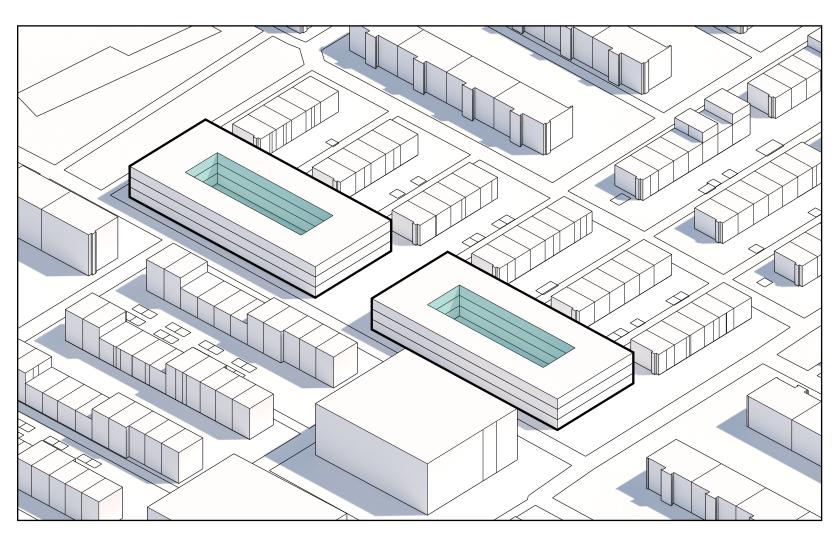
1 Site



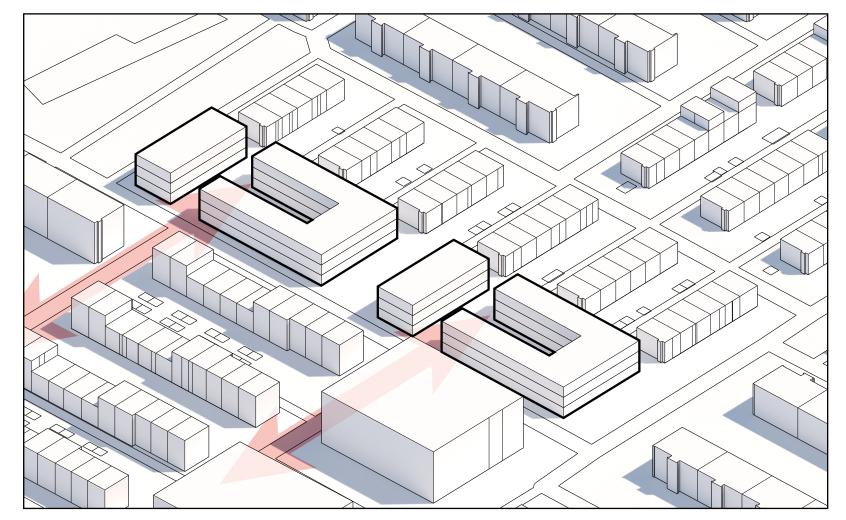
3 Break the Border



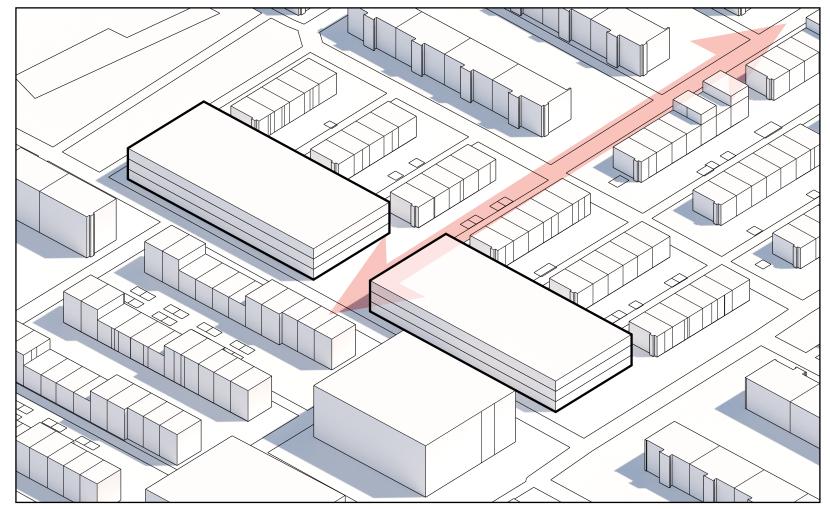
2 Preliminary Volume



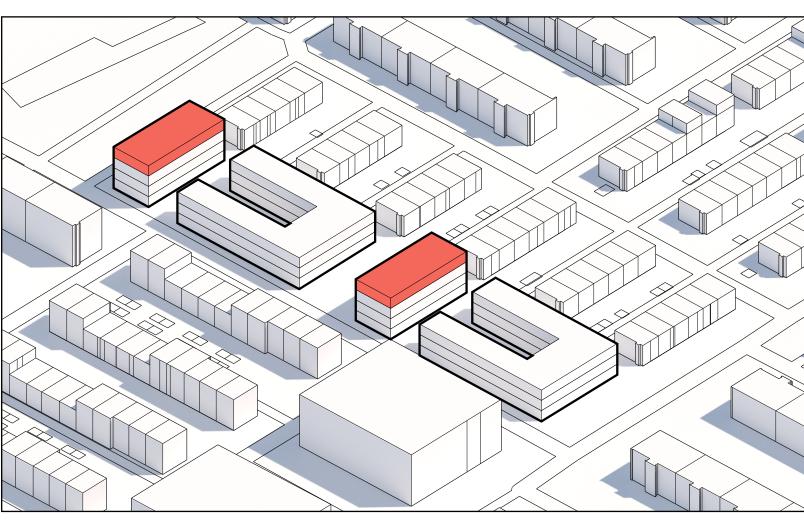
4 Form Courtyards



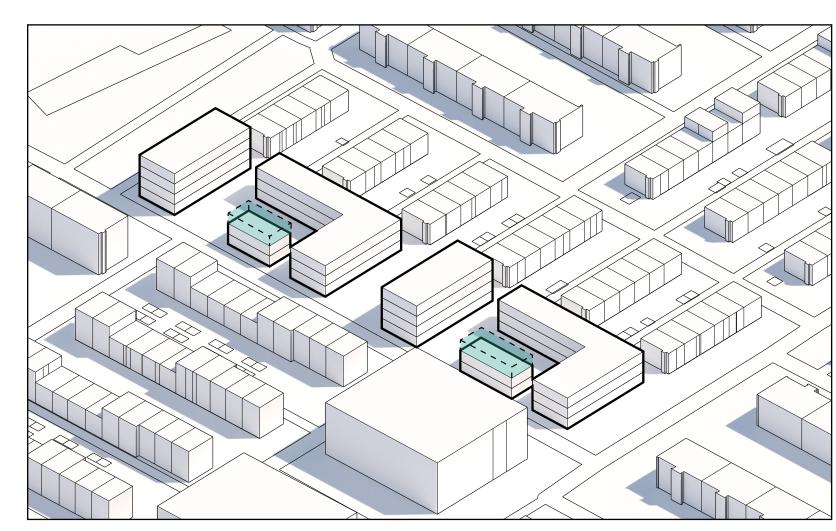
5 Accessible to the Streets



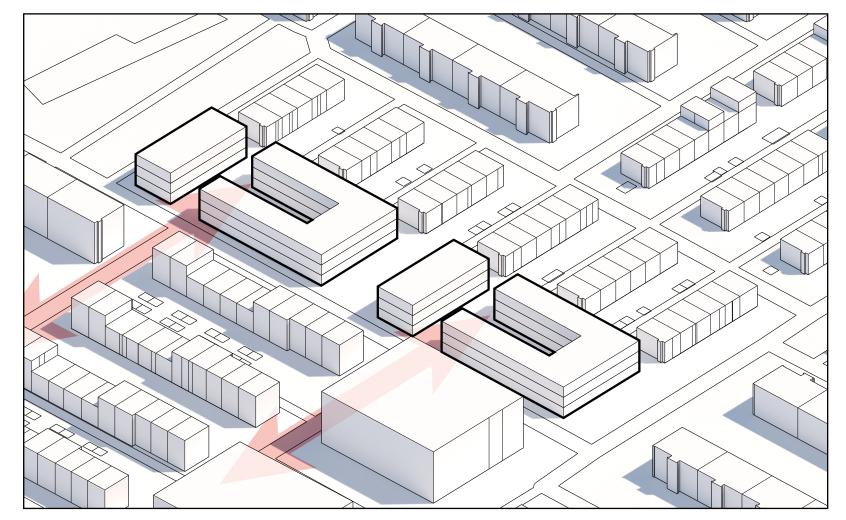
7 Circular Route in Courtyard



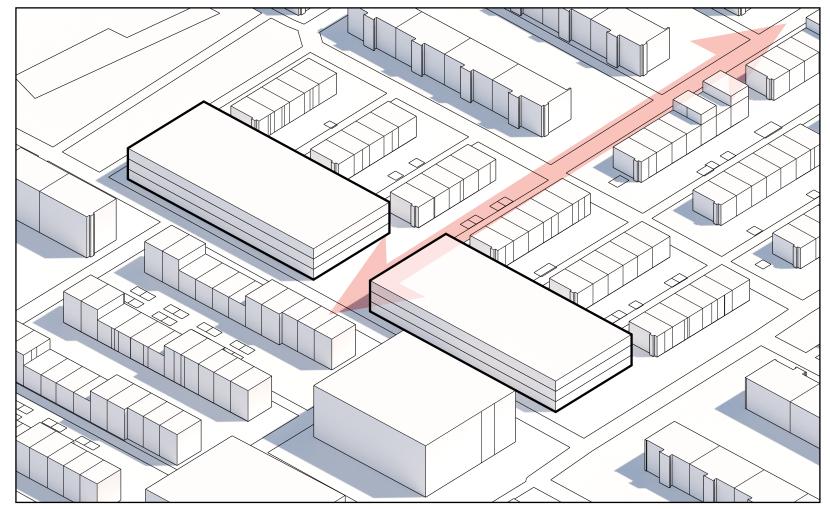
6 Increase Volume



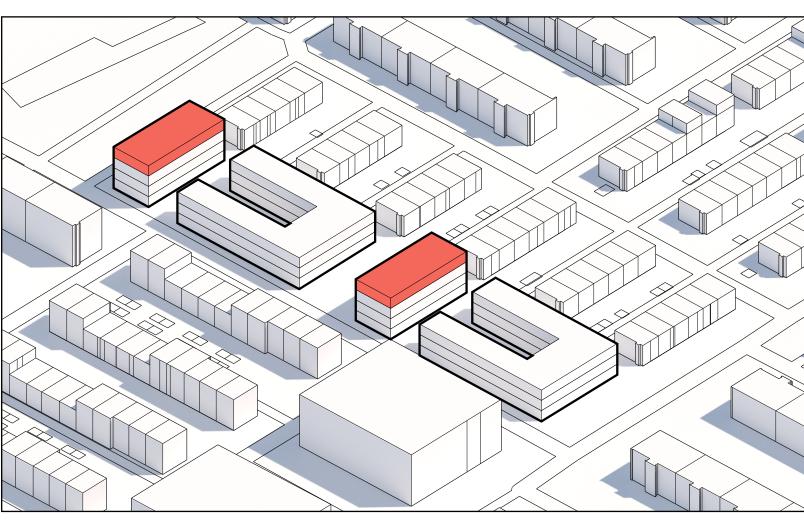
8 Decrease Volume



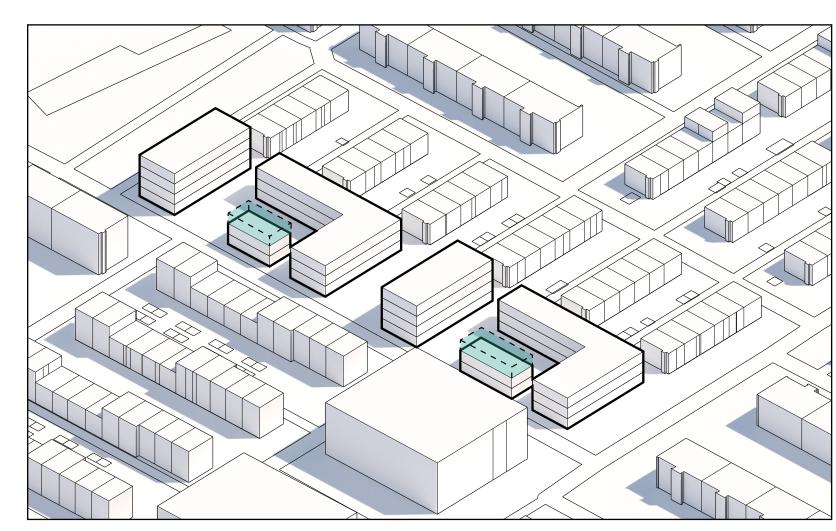
5 Accessible to the Streets



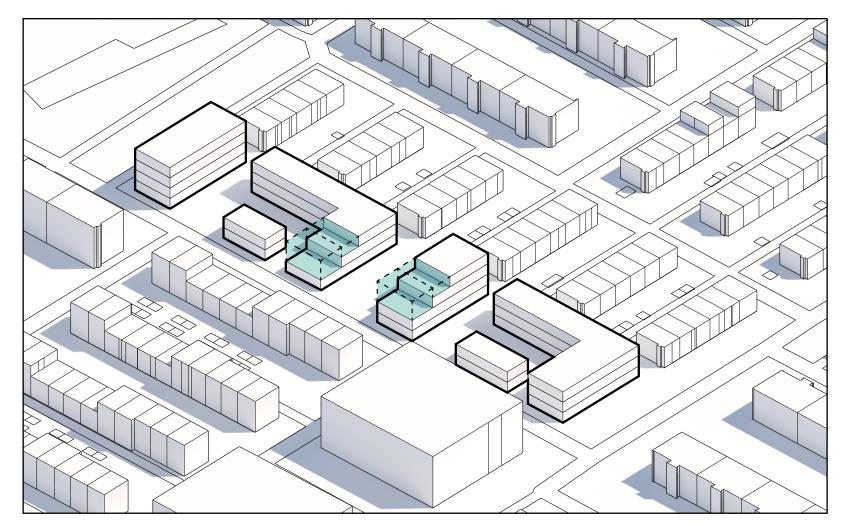
7 Circular Route in Courtyard



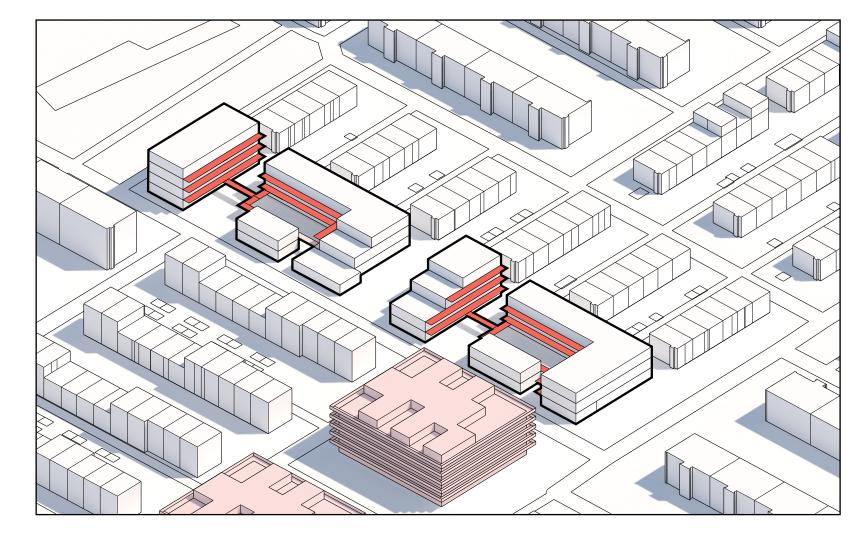
6 Increase Volume



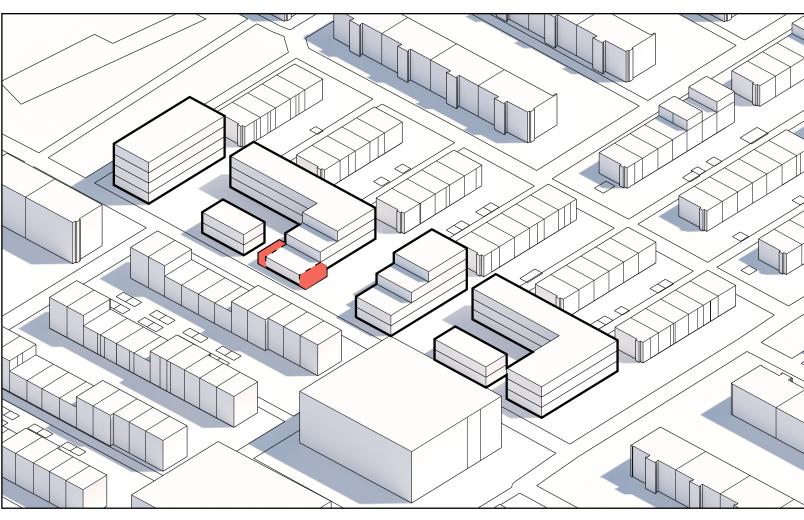
8 Decrease Volume



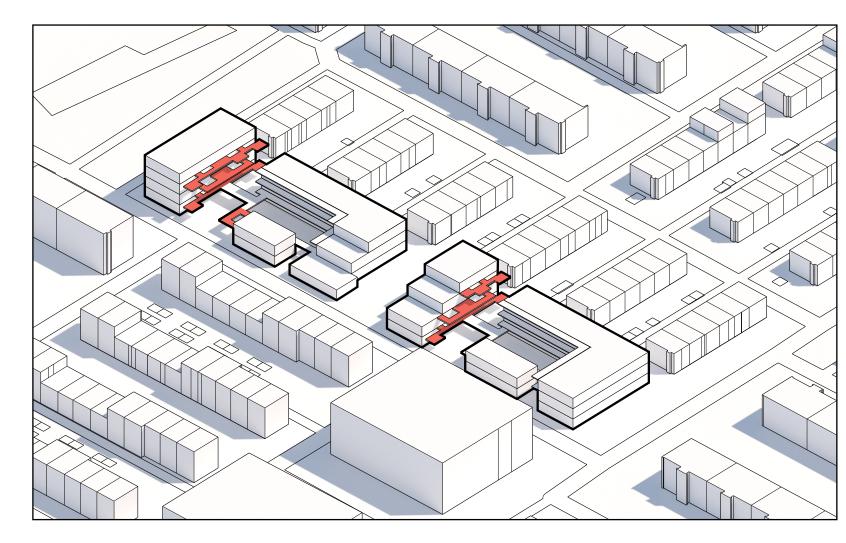
9 Weaken Border



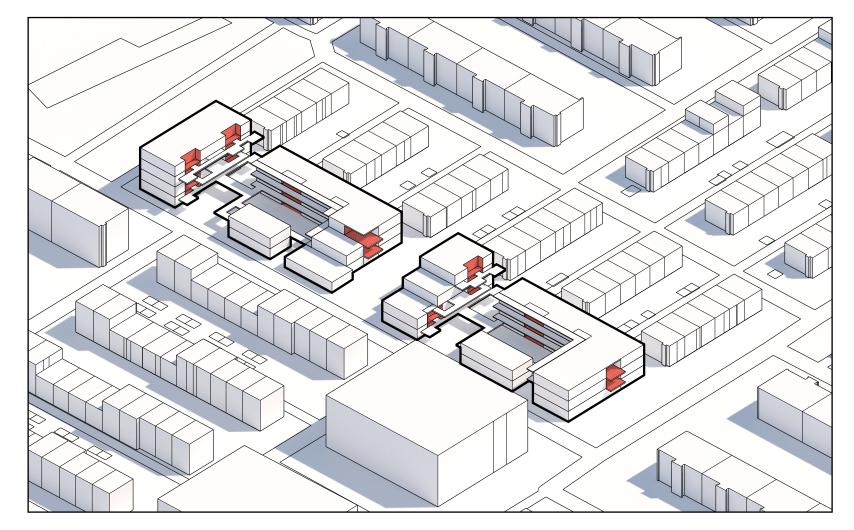
11 Insert Gallery



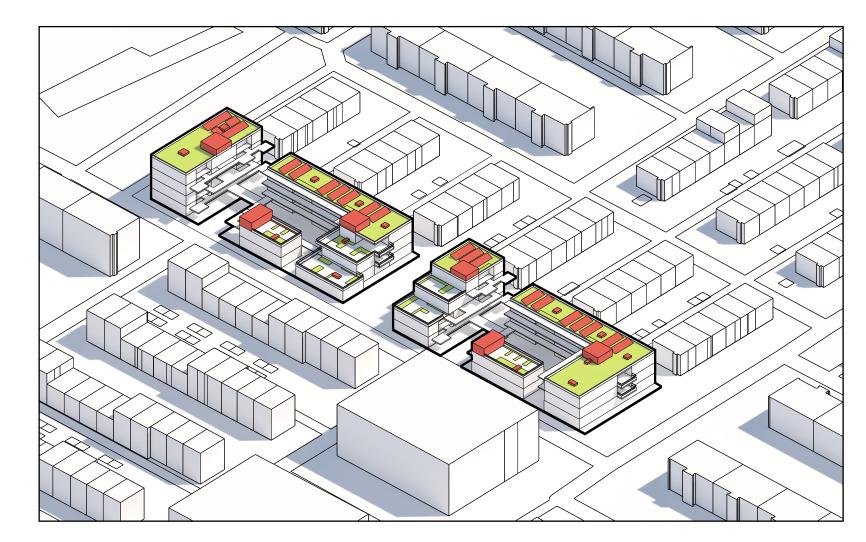
10 Increase Volume



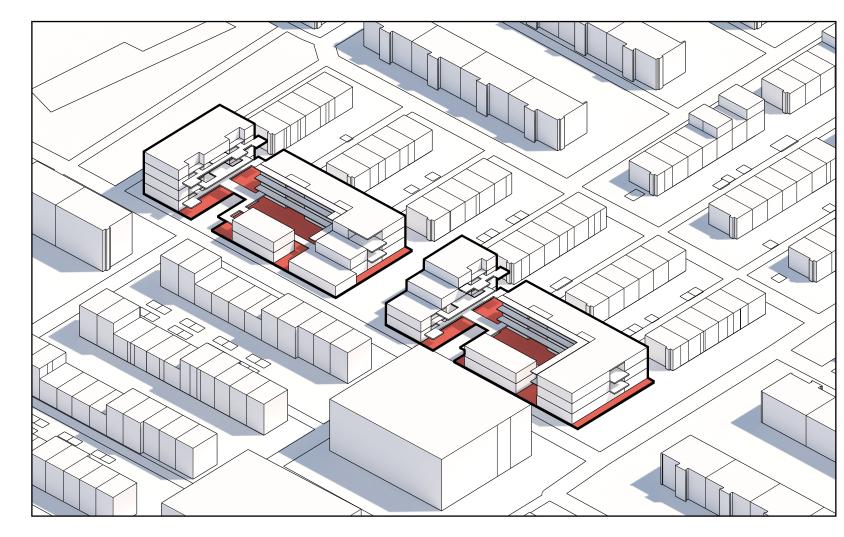
12 Change Form of Gallery



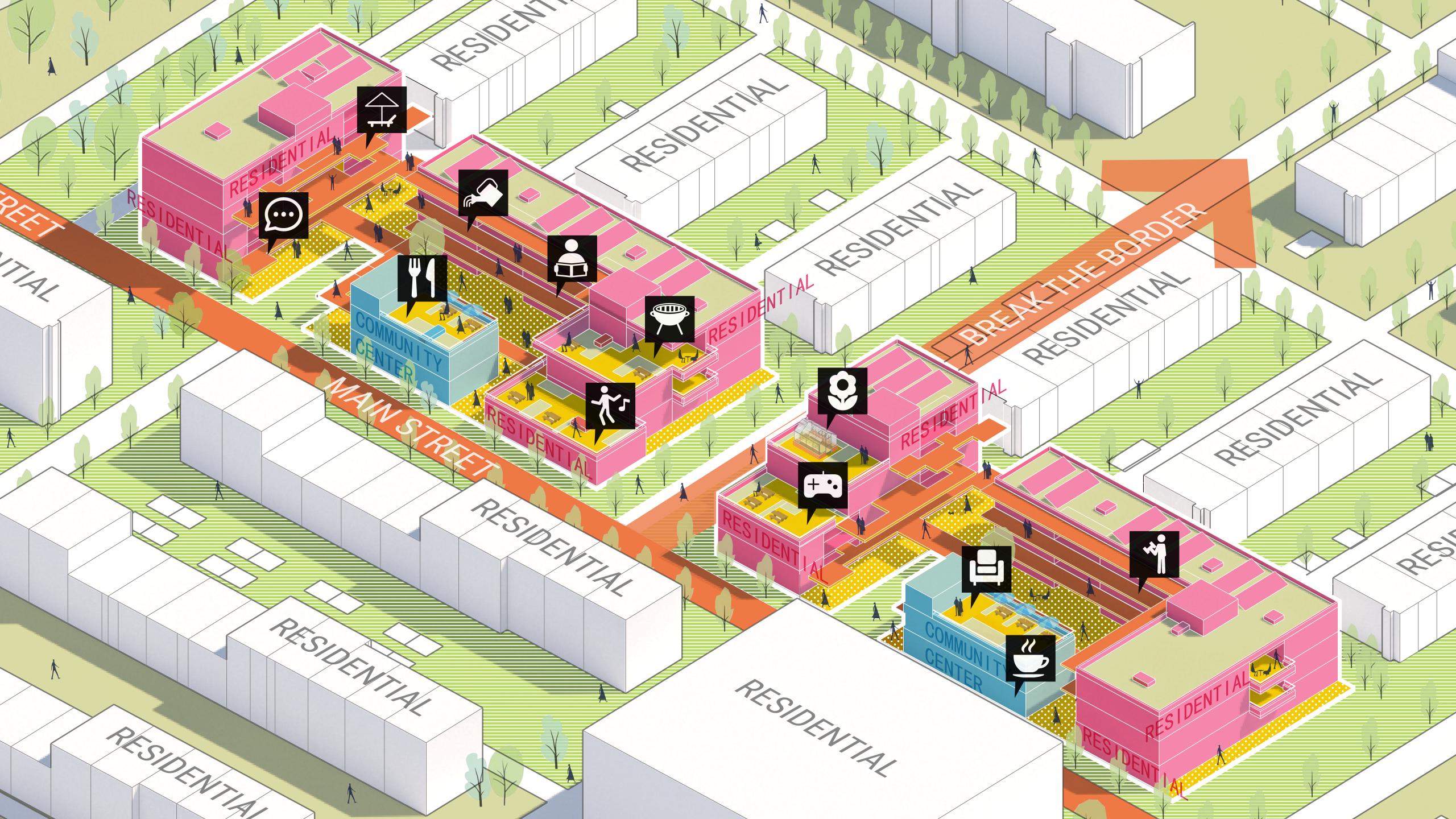
13 Introduce Set-back Areas



15 Use of Roof



14 Lifted Floor



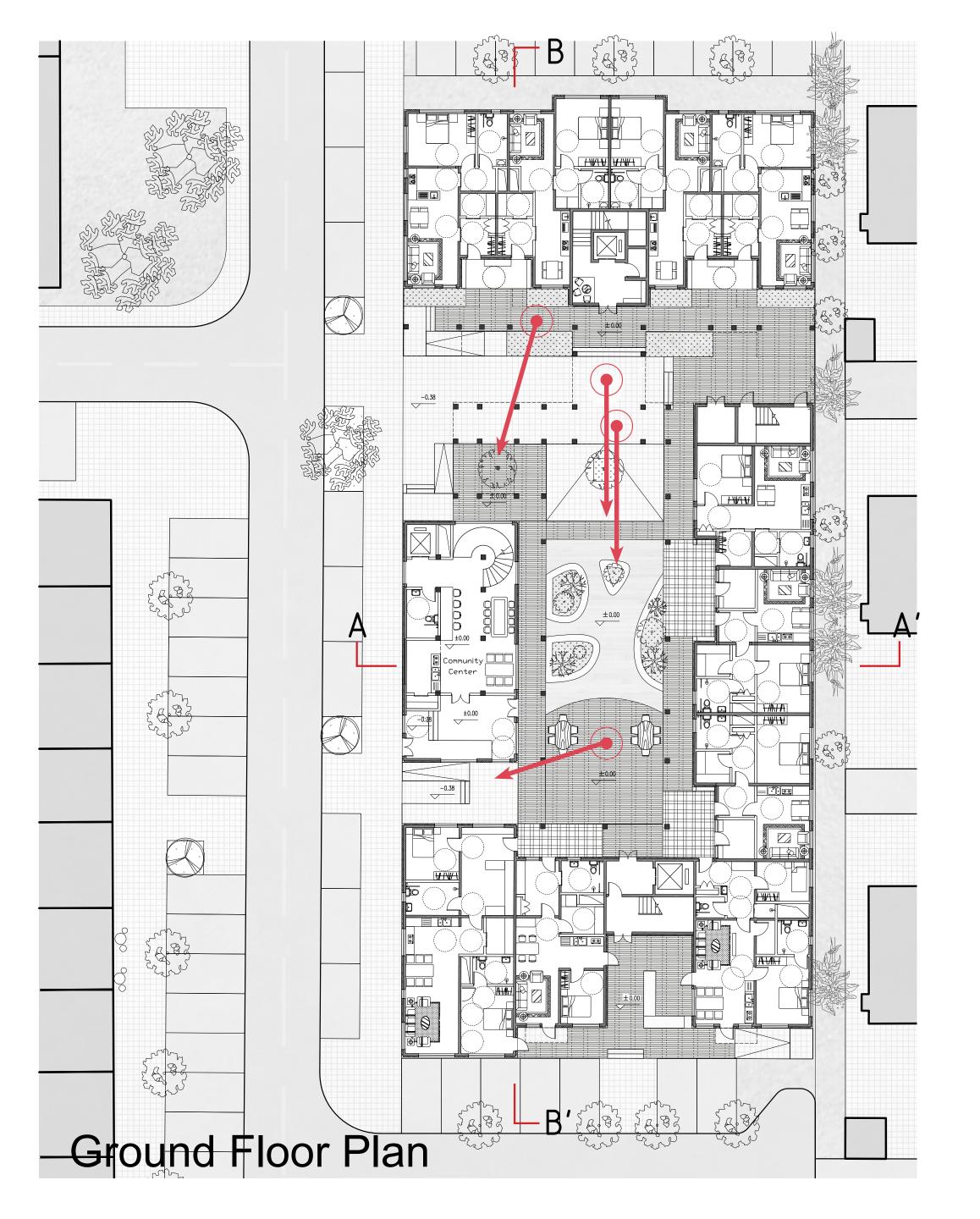






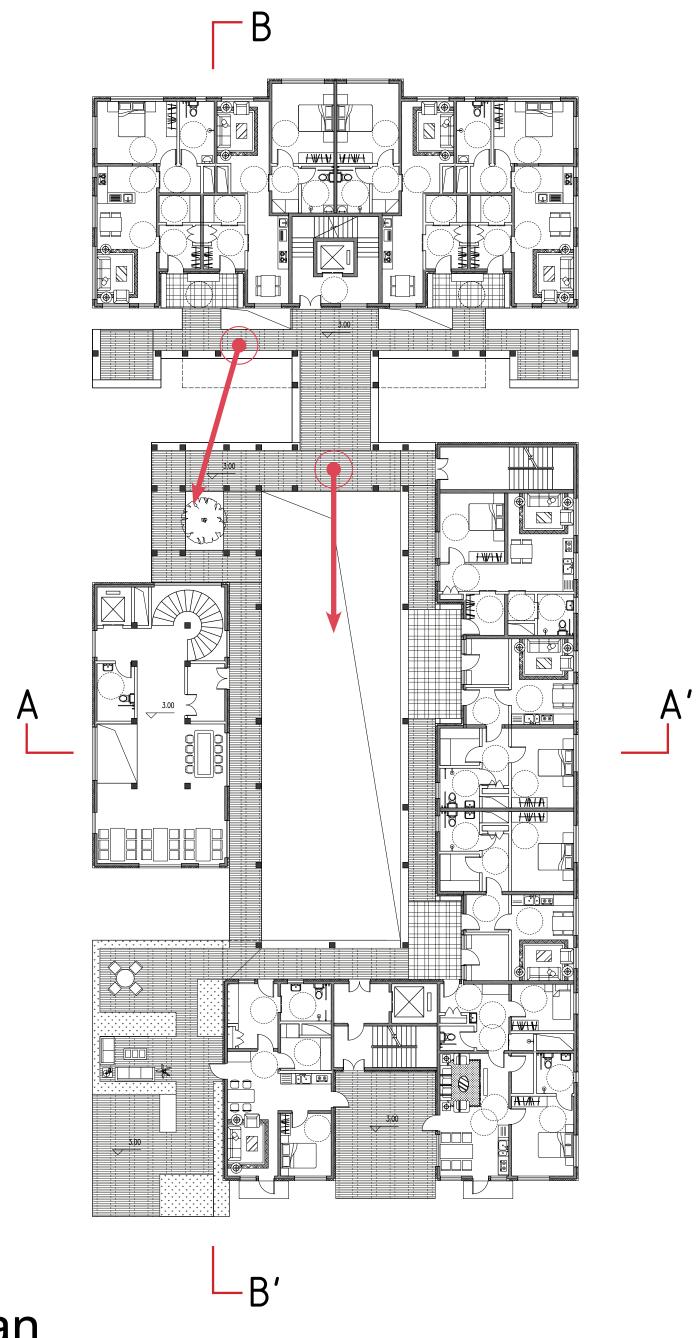








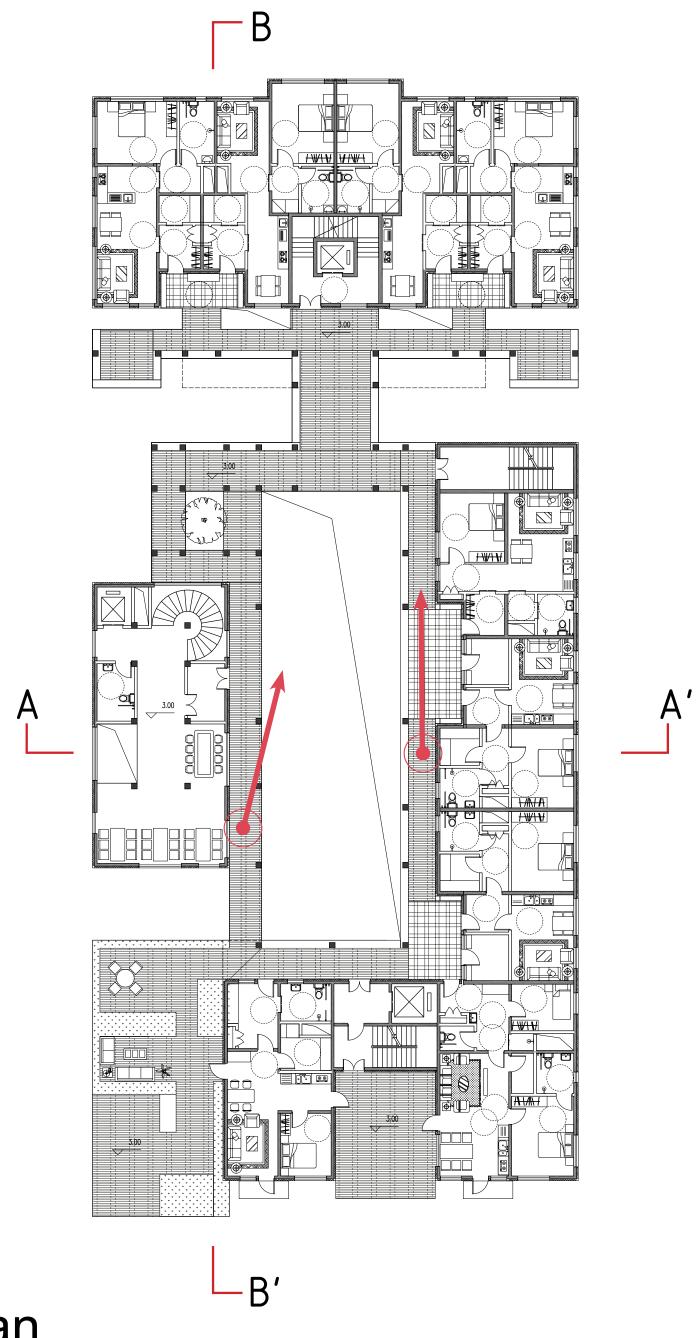








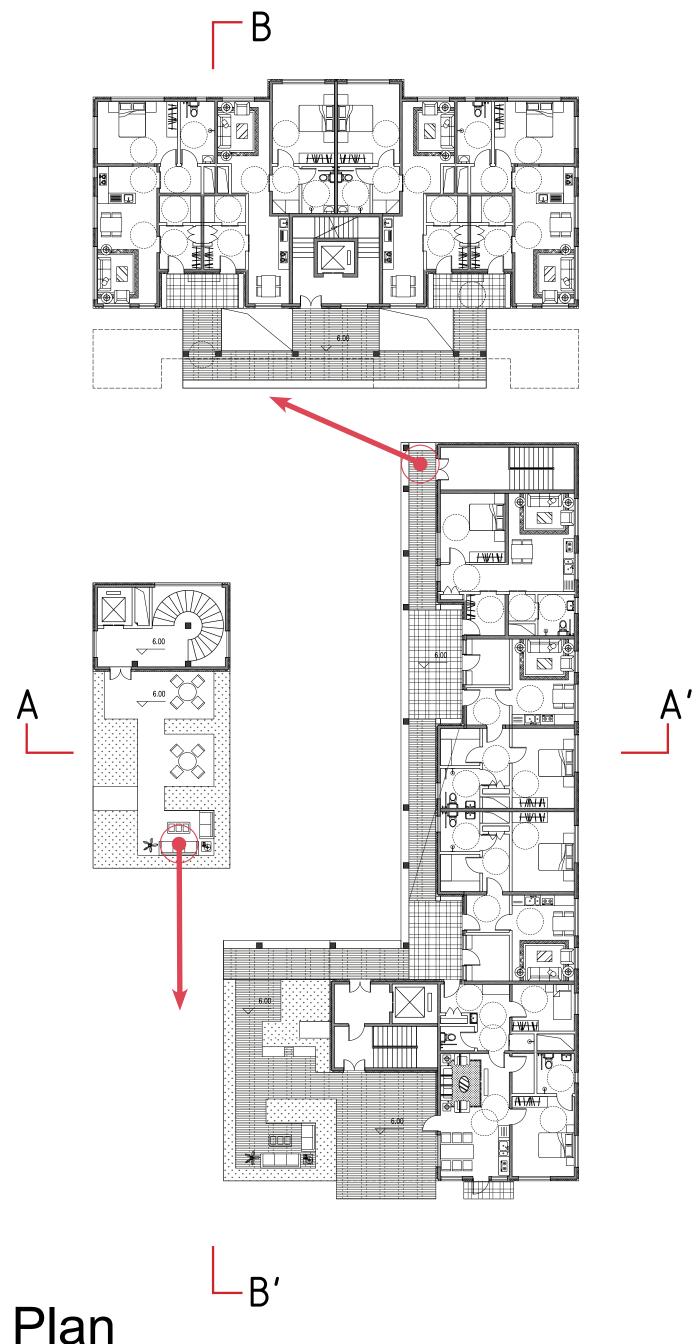
First Floor Plan



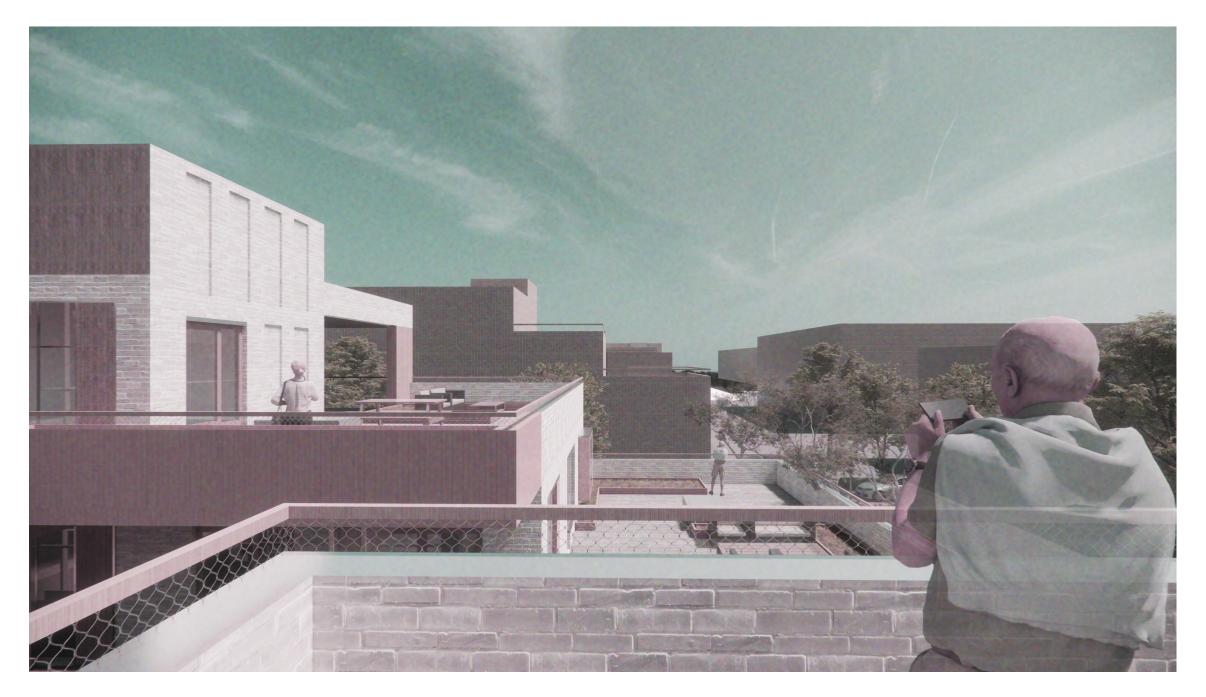




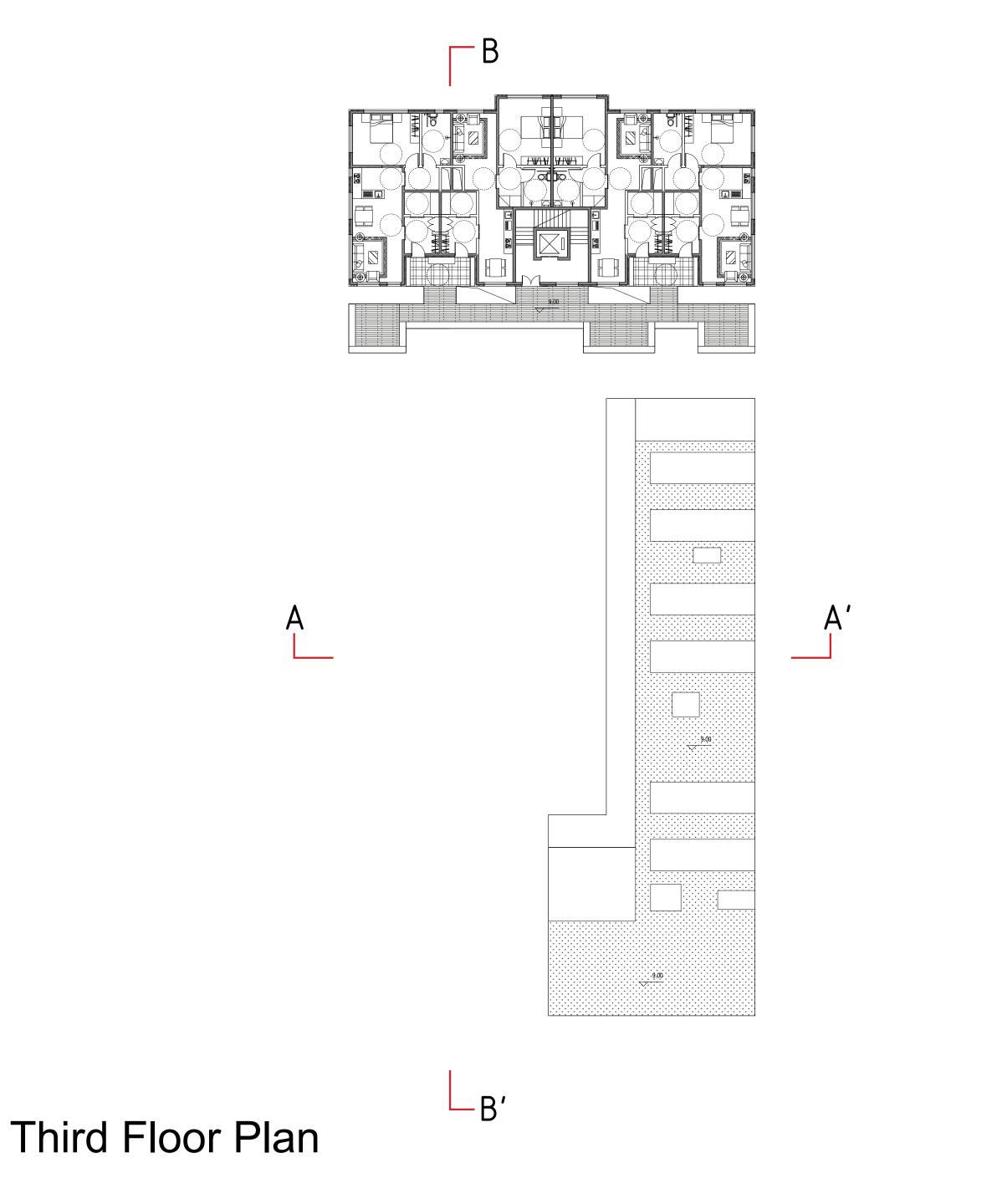
First Floor Plan

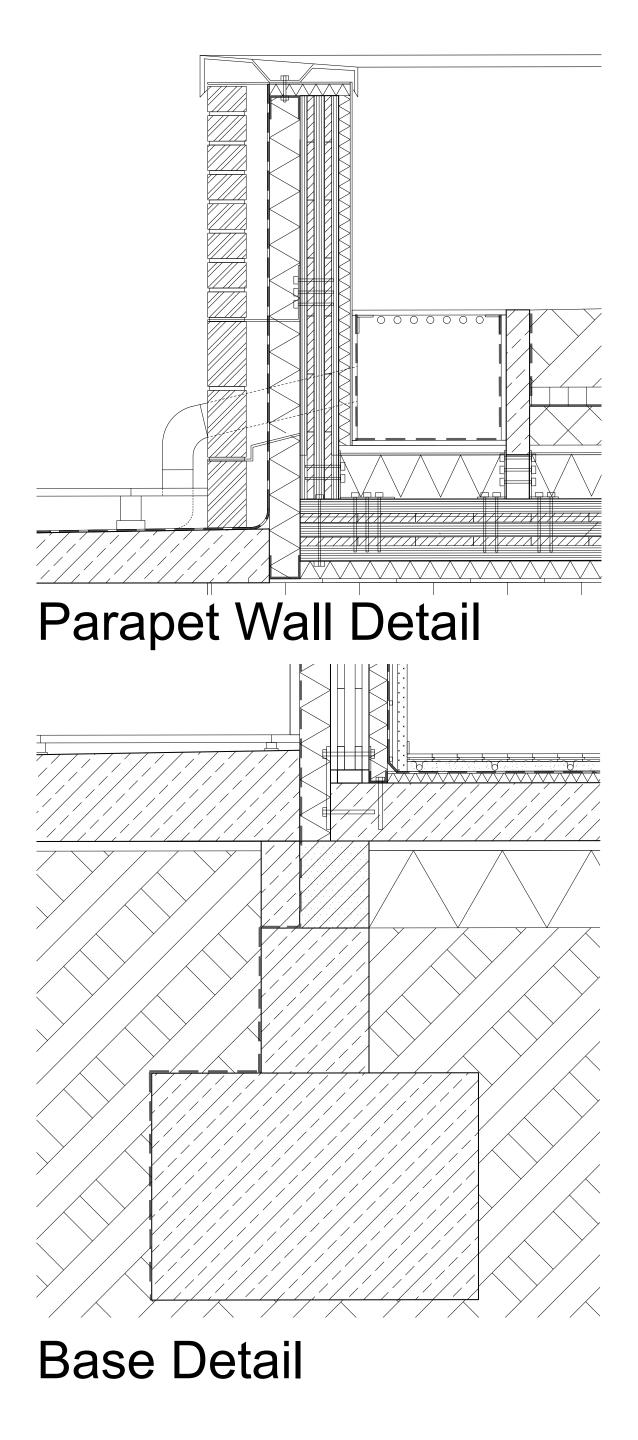






Second Floor Plan

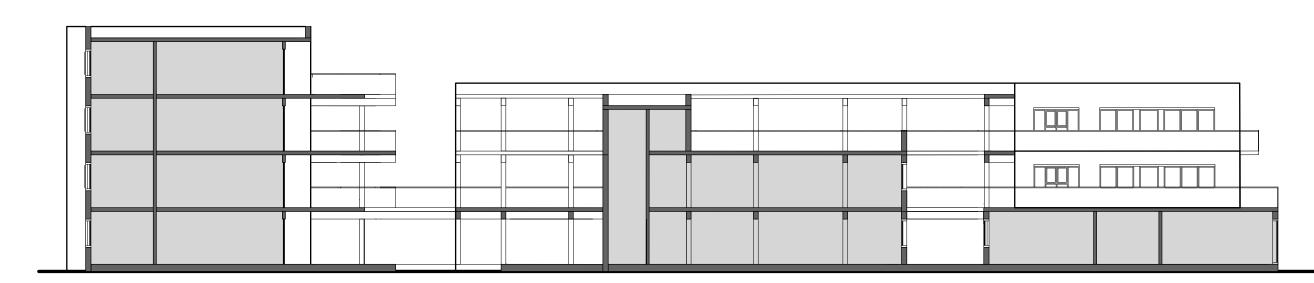






Section A-A'.

Facade Aligned with Plan.

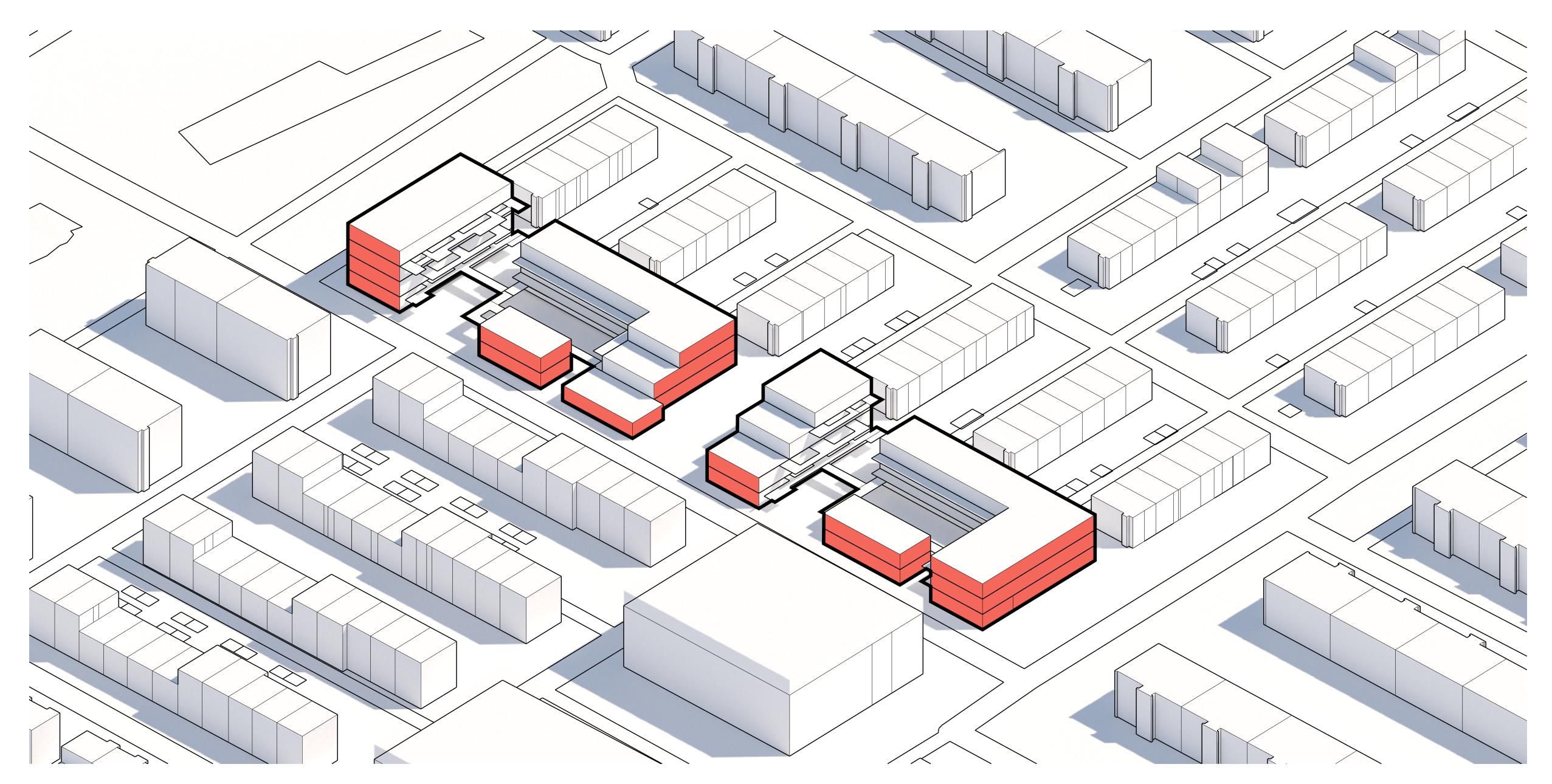


Section B-B'.

Facade Aligned with Plan.

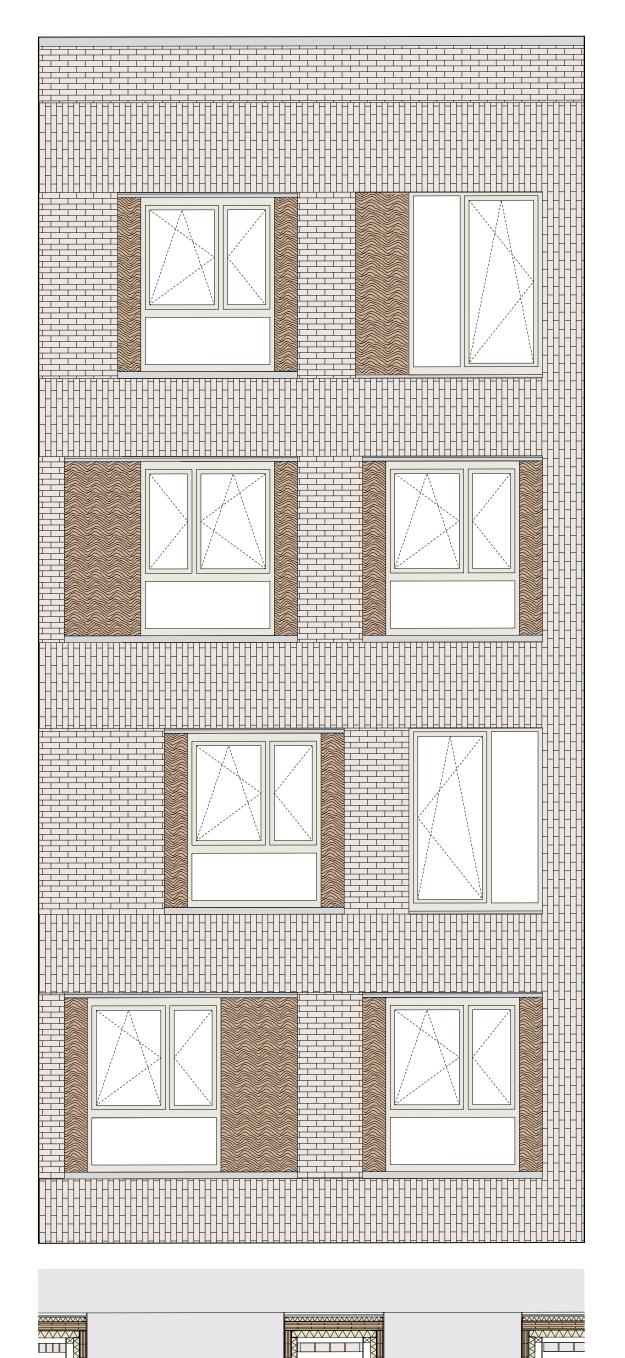


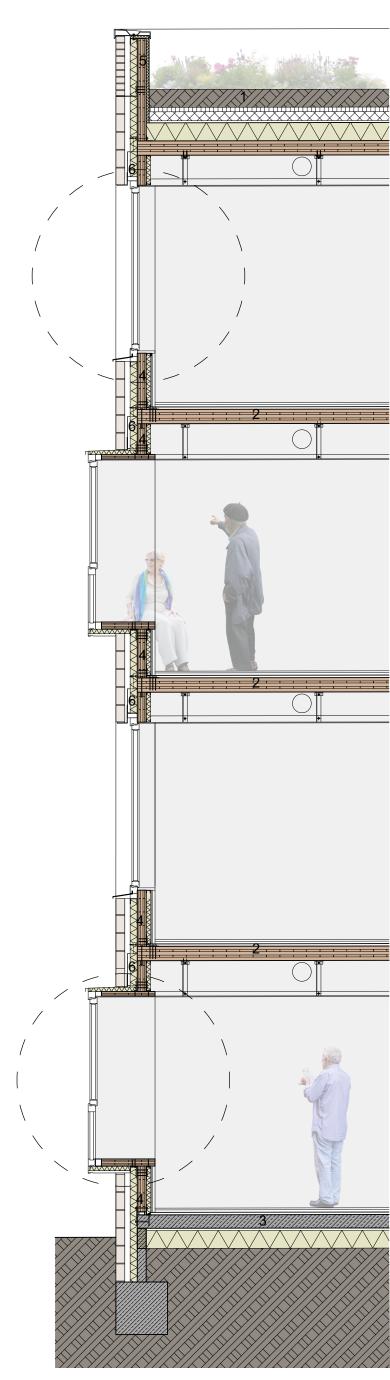




FACADE TYPE 1 - FACING THE STREET









200mm lightweight engineered soil 55mm filter fabric 100mm retention and drainage layer 20mm sheet barrier

5mm waterproof membrane

200mm insulation

160mm CLT structure

2 Floor Construction

20mm parquet 25mm thermo-floor insulation panel 5mm waterproof membrane

25mm insulation

160mm CLT structure

3 Ground Floor Construction

20mm parquet

25mm thermo-floor insulation panel

5mm waterproof membrane

25mm insulation

160mm CLT structure

25mm screed

200mm insulation

4 Wall Construction

200/100/66mm buff brick

60mm cavity

80mm insulation

100mm CLT structure

50mm sound insulation

channels

26mm gypsum board finishing

5 Parapet Wall

200/100/66mm buff brick

60mm cavity

80mm insulation

100mm CLT structure

30mm insulation

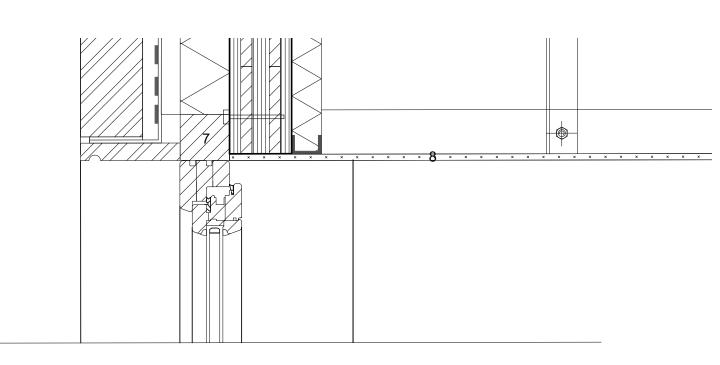
5mm metal finishing

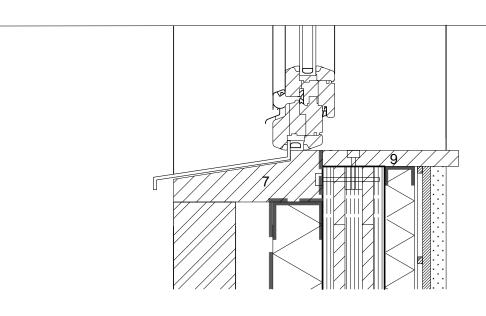
6 HALFEN masonry supports

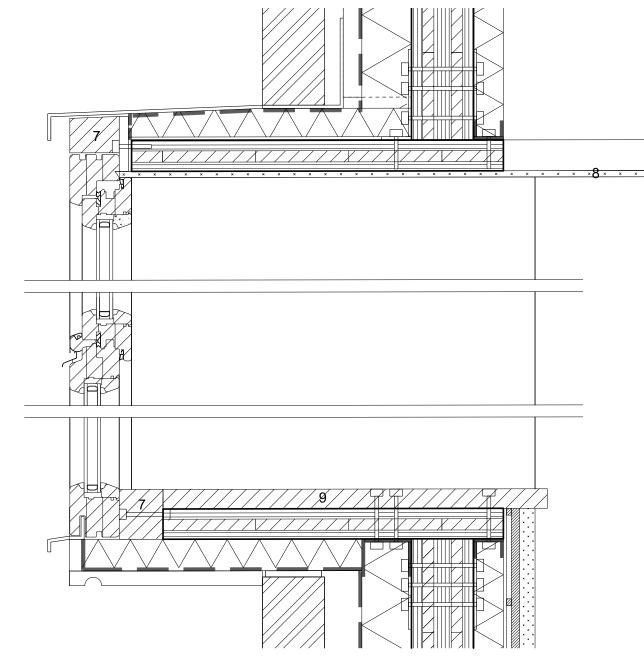
7 Wood to connect window frame

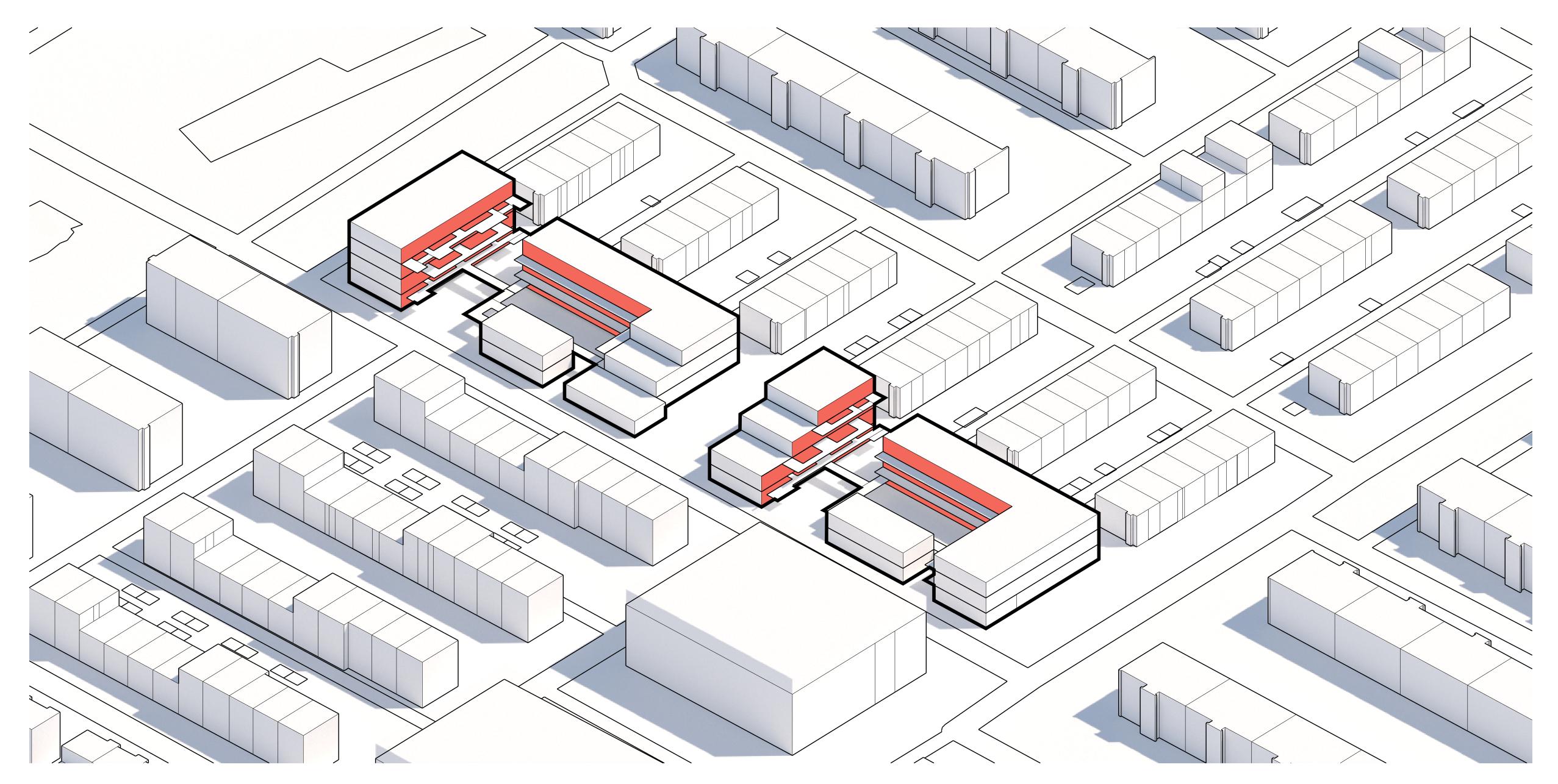
8 Gypsum board dropped ceiling

9 Wooden window sill



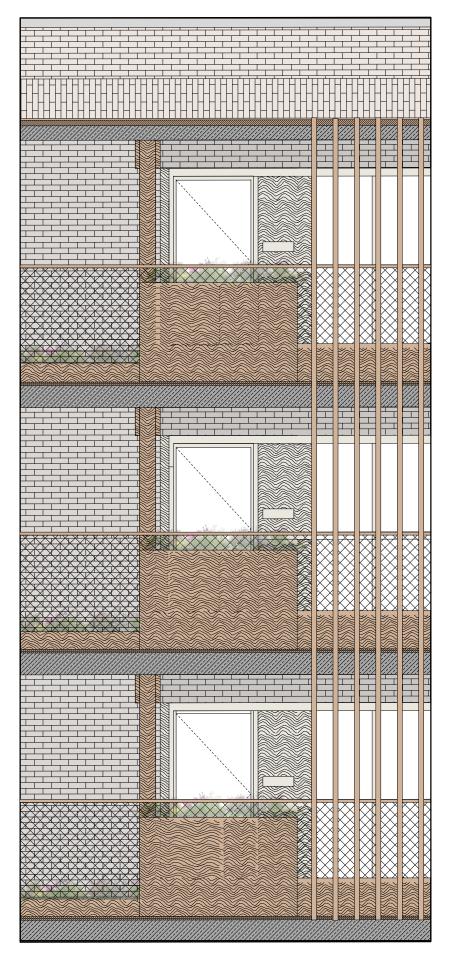


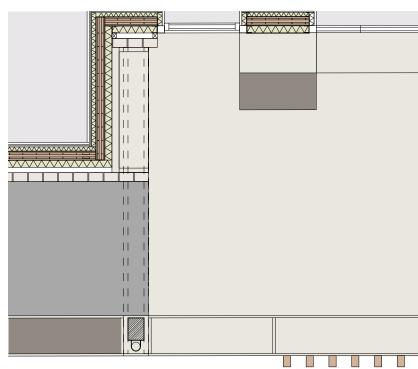


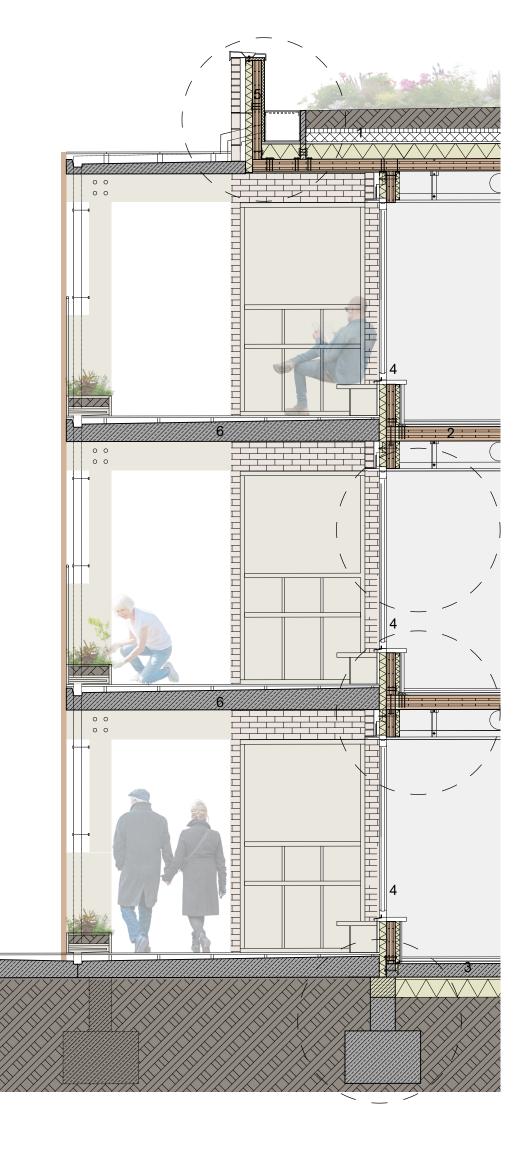


FACADE TYPE 2 - FACING THE COURTYARD









7 Wood to connect window frame 8 Gypsum board dropped ceiling 9 Wooden window sill 10 HALFEN masonry support 11 Thermo-floor insulation panel 12 Sloped prefab concrete slab 1 Roof Construction
200mm lightweight engineered soil
55mm filter fabric
100mm retention and drainage layer
20mm sheet barrier
5mm waterproof membrane
200mm insulation
160mm CLT structure
40mm insulation
13mm gypsum board finishing

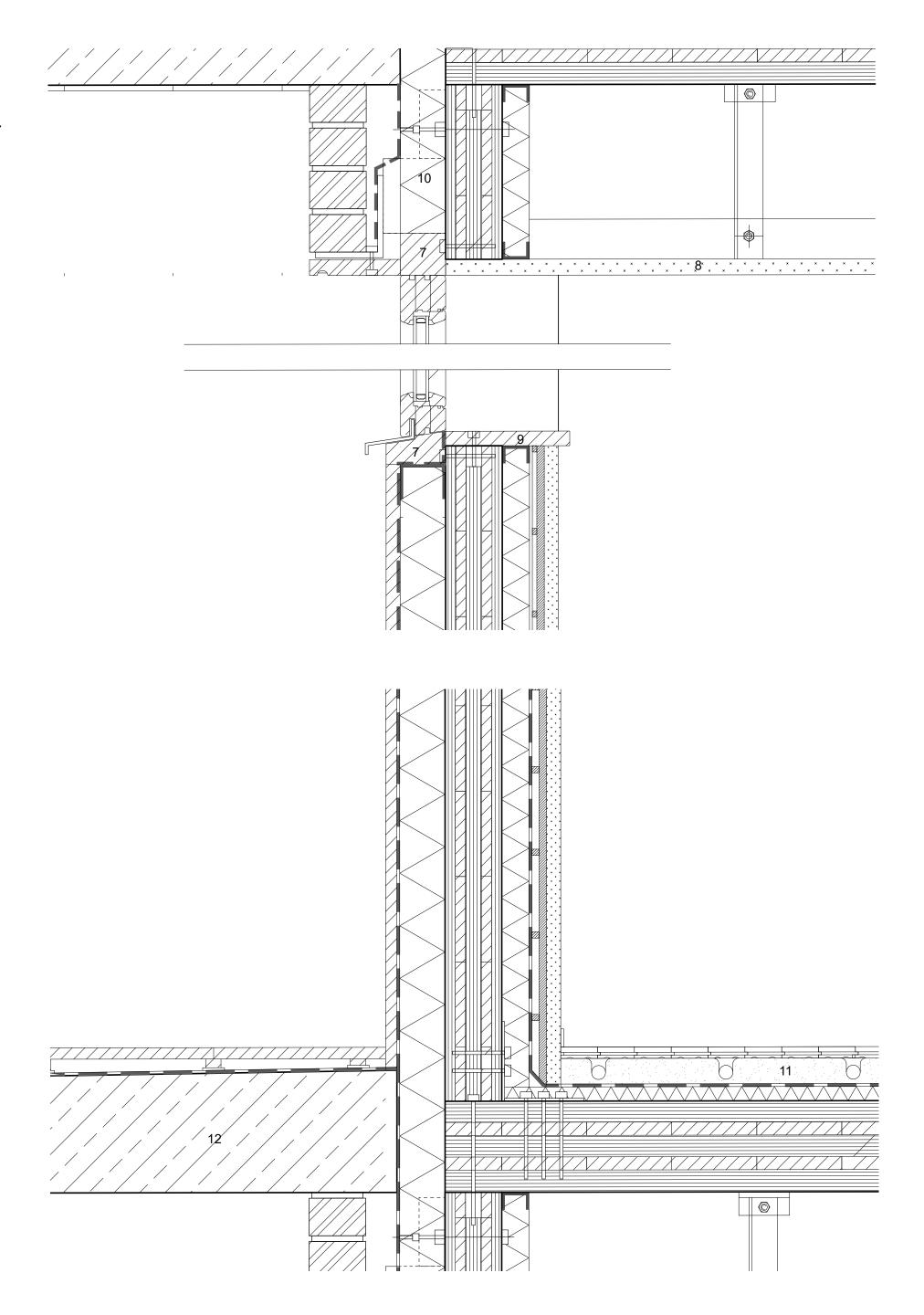
2 Interior Floor Construction
20mm parquet
25mm thermo-floor insulation panel
5mm waterproof membrane
25mm insulation
160mm CLT structure

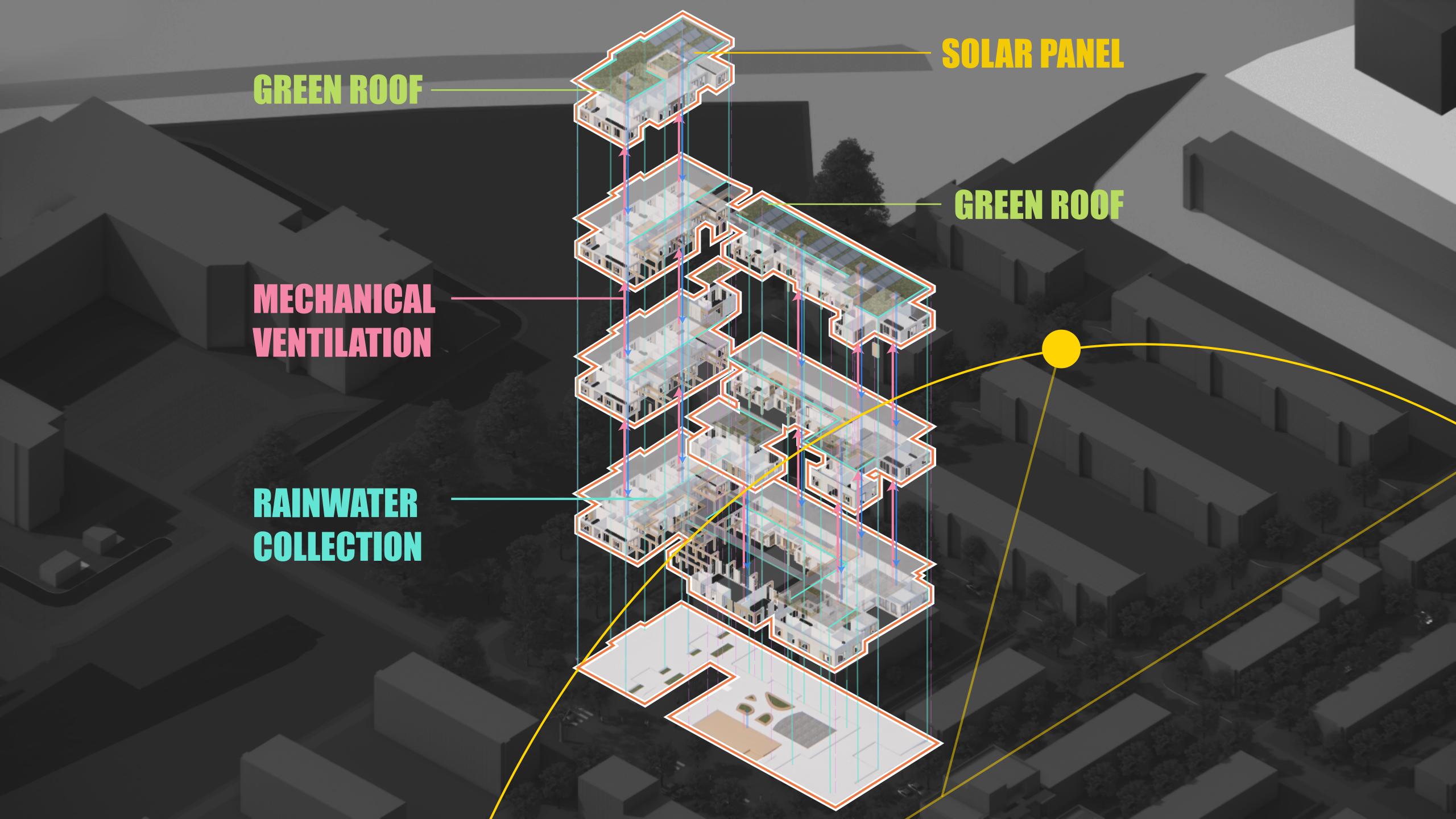
3 Interior Ground Floor Construction
20mm parquet
25mm thermo-floor insulation panel
5mm waterproof membrane
25mm insulation
160mm CLT structure
25mm screed
200mm insulation

4 Wall Construction
200/100/66mm buff brick
60mm cavity
80mm insulation
100mm CLT structure
50mm sound insulation
channels
26mm gypsum board finishing

5 Parapet Wall
200/100/66mm buff brick
60mm cavity
80mm insulation
100mm CLT structure
30mm insulation
5mm metal finishing

6 Exterior Floor Construction oak decking sloped prefabricated concrete slab







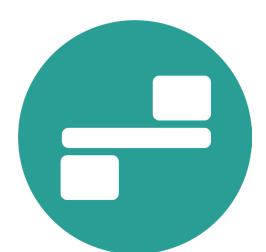
A1. CREATE A GRADIENCE
OF SECONDARY
TERRITORY



A2. HAVE A COMBINATION

OF DIFFERENT TYPES OF

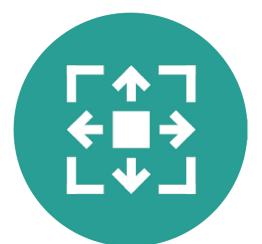
SECONDARY TERRITORY



A3. USE LINE+PLANE

OR PLANE+PLANE

COMPOSITION

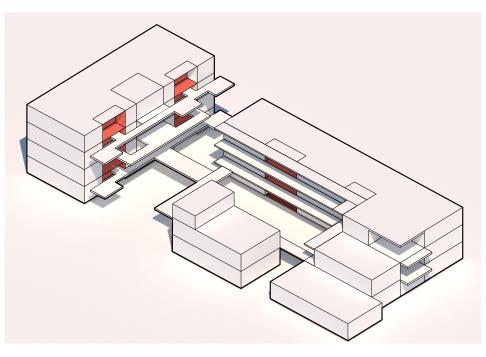


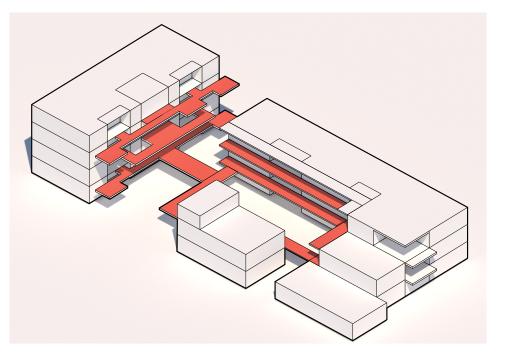
A4. USE MEDIUM SIZED SECONDARY TERRITORY

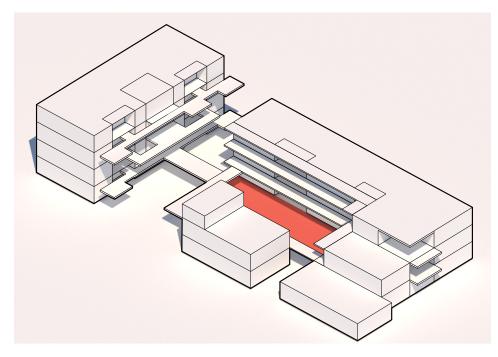


A5. SPACE WITH 2-4
USERS HAS THE MOST
PERSONALIZATION











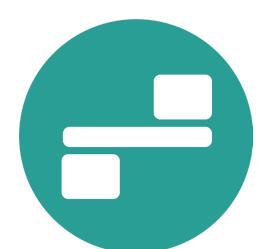
A1. CREATE A GRADIENCE
OF SECONDARY
TERRITORY



A2. HAVE A COMBINATION

OF DIFFERENT TYPES OF

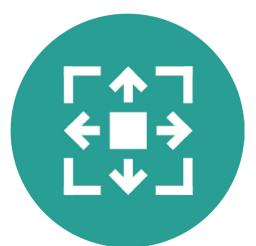
SECONDARY TERRITORY



A3. USE LINE+PLANE

OR PLANE+PLANE

COMPOSITION

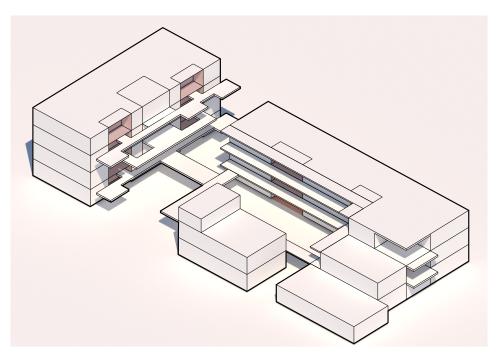


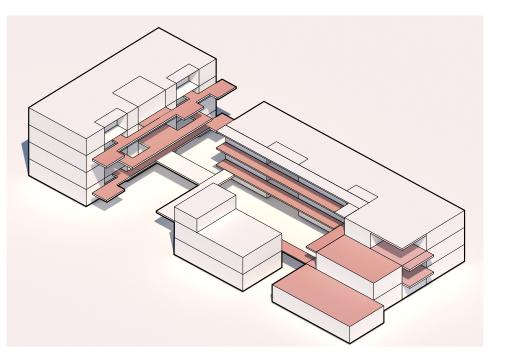
A4. USE MEDIUM SIZED SECONDARY TERRITORY

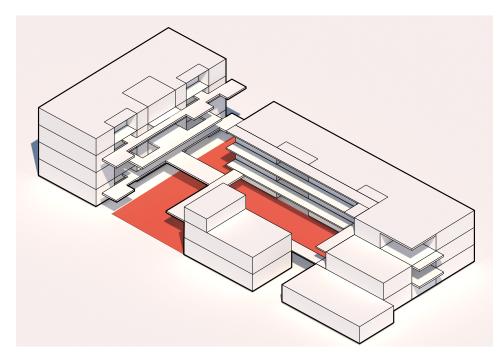


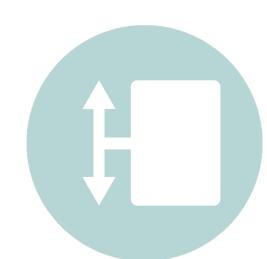
A5. SPACE WITH 2-4
USERS HAS THE MOST
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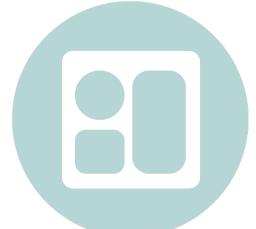




B1. INCORPORATE
FUNCTIONS WITH
CIRCULATION



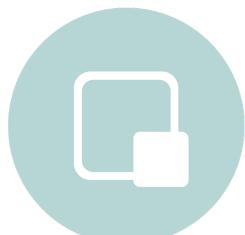
B2. INCLUDE
UNCONVENTIONAL
PROGRAMS



B3. INCLUDE
MULTIFUNCTION SPACE



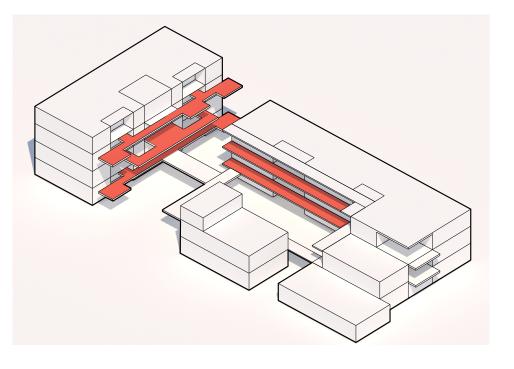
B4. INCLUDE INFORMAL
SPACE

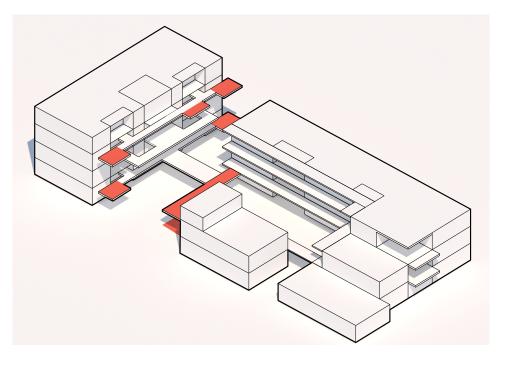


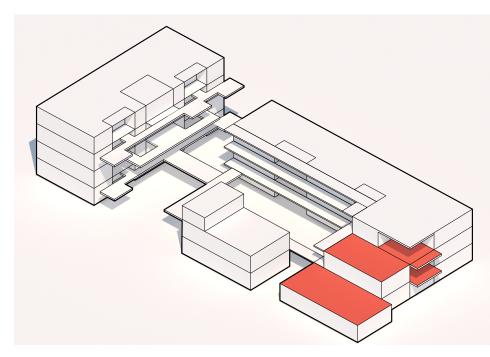
B5. SET FUNCTION

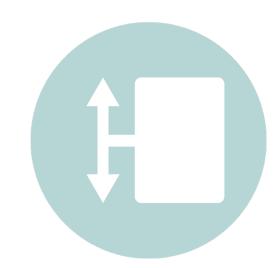
SPACE IN DIFFERENT SIZE











B1. INCORPORATE
FUNCTIONS WITH
CIRCULATION



B2. INCLUDE
UNCONVENTIONAL
PROGRAMS

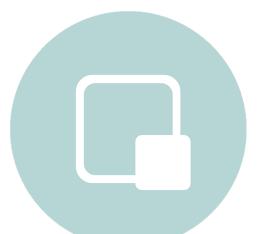


B3. INCLUDE

MULTIFUNCTION SPACE

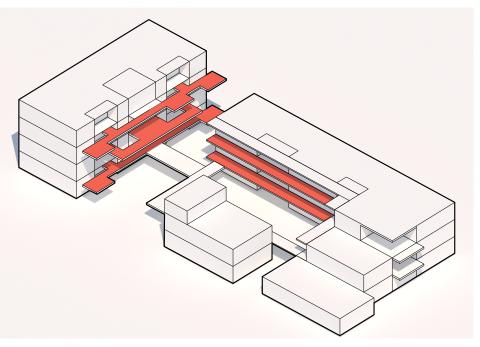


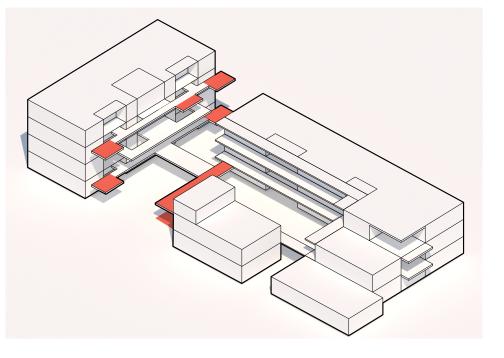
B4. INCLUDE INFORMAL
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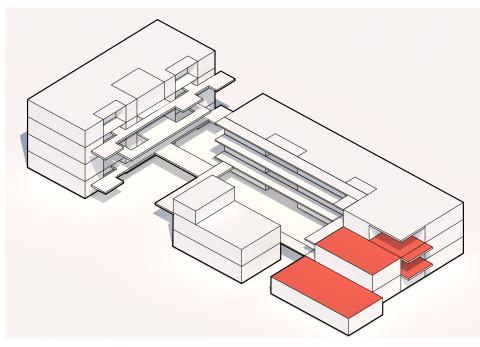


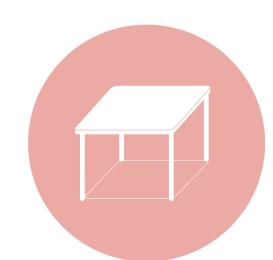
B5. SET FUNCTION
SPACE IN DIFFERENT SIZE



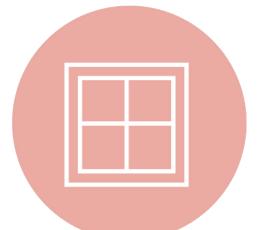




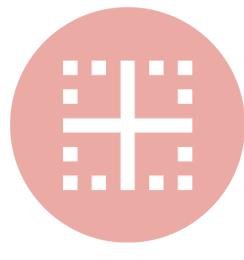




C3. CREATE ROOFED OPEN SPACE



C6. WINDOW DESIGN
ADVICE



C5. BORDER DESIGN
ADVICE

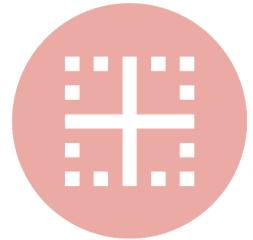




C1. No Narrow Space



C4. CHOICE IN COLOR AND MATERIAL



C5. BORDER DESIGN
ADVICE



C7. FURNITURE DESIGN
ADVICE



C8. PLANTERS DESIGN
ADVICE

