H A N D _ M A D E

Architecture

for

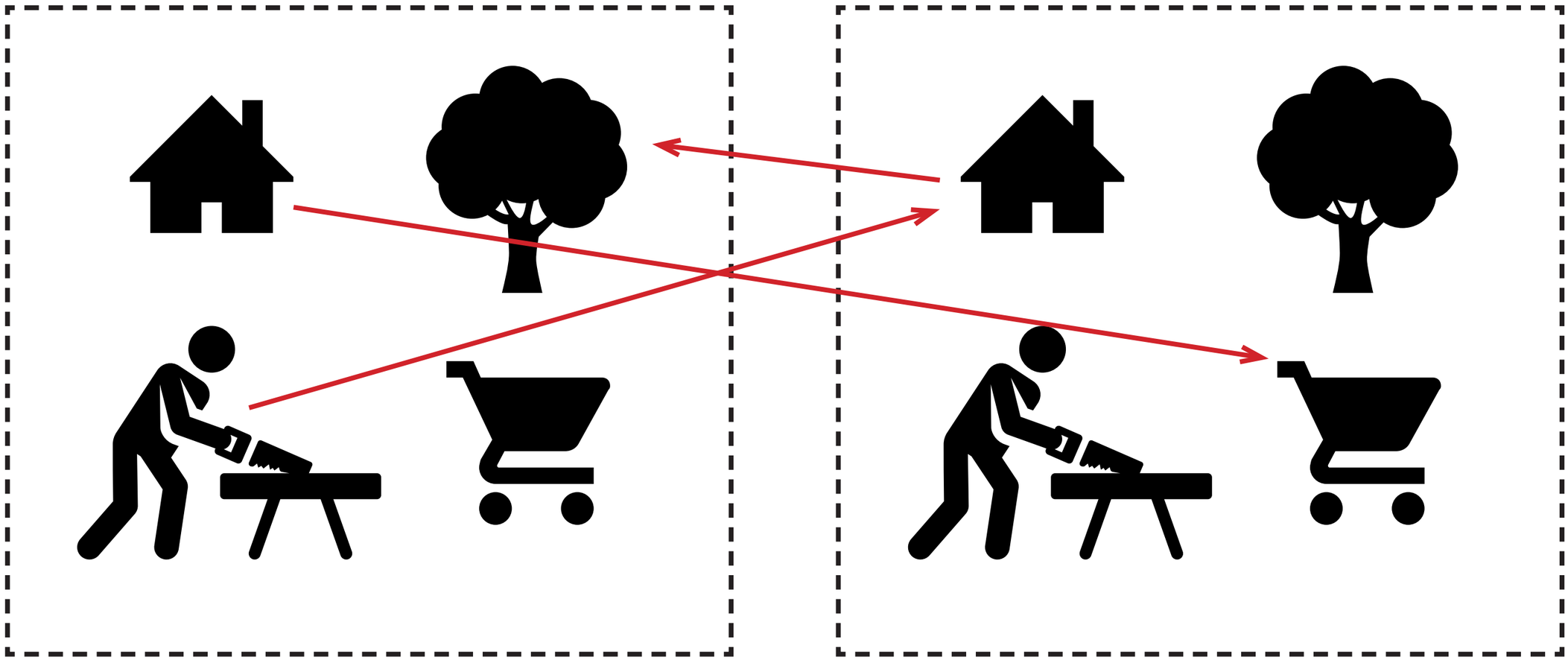
craftsmanship

CONTENT

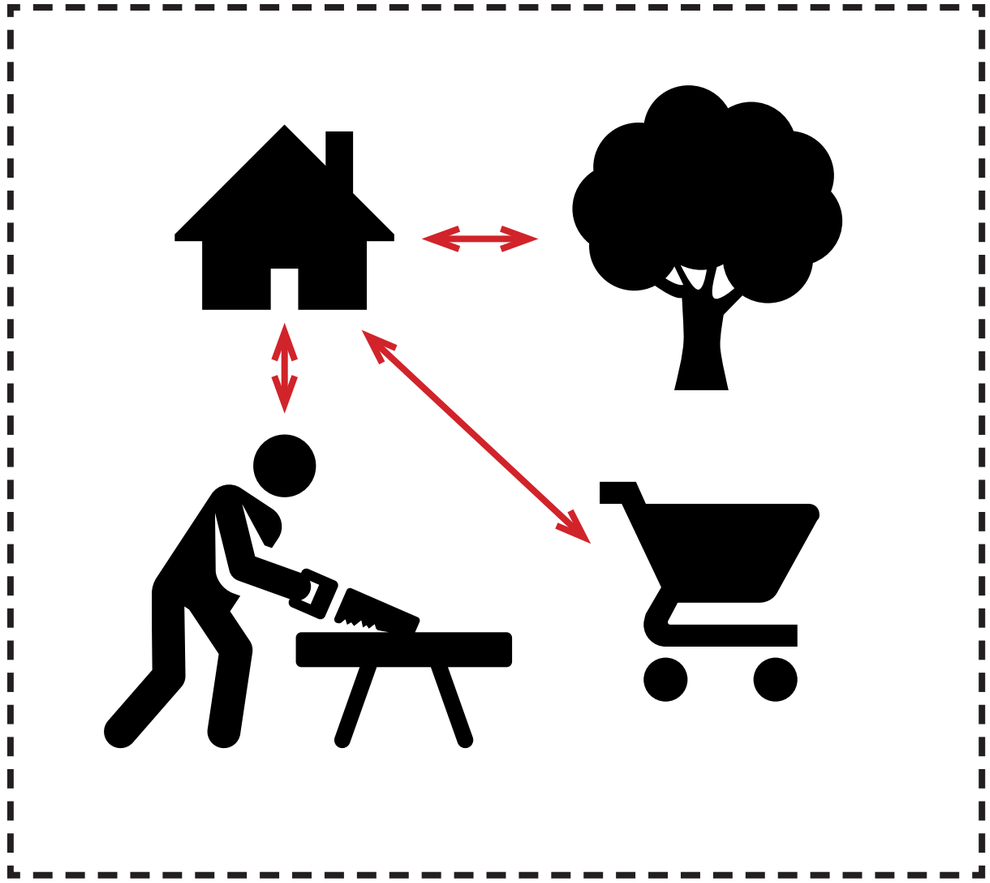
LIVE-WORK

MIXED USE NEIGHBORHOOD

LIVE-WORK

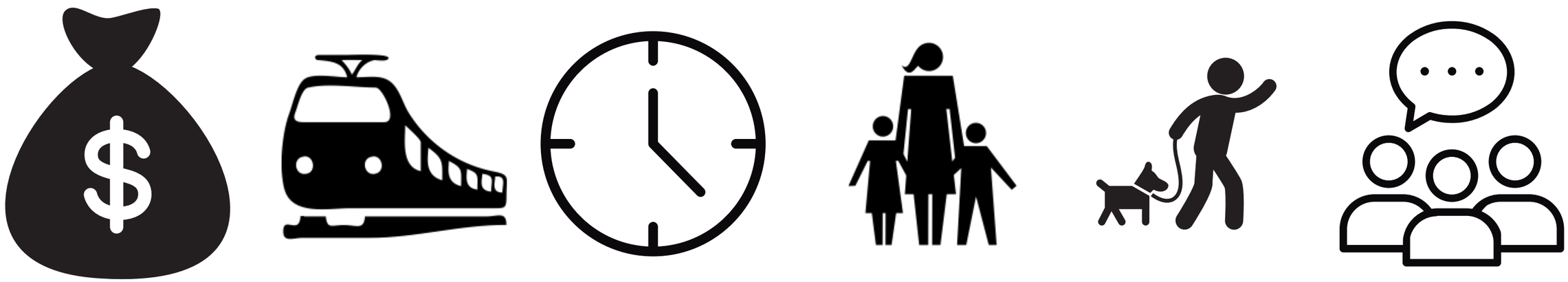


LIVE-WORK



LIVE-WORK DESIGN

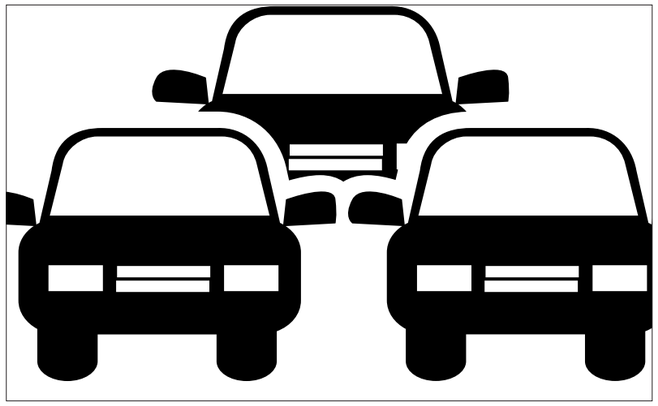
ADVANTAGES PERSONAL LEVEL

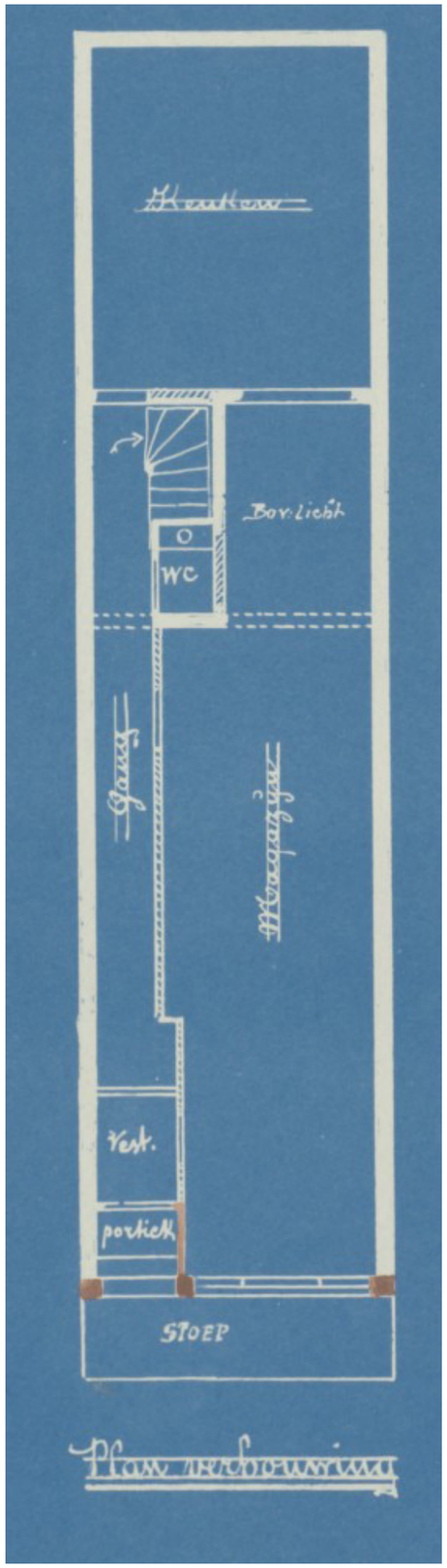


"AN AVERAGE PERSON SPENDS 5 WEEKS
A YEAR JUST COMMUTING TO WORK"

LIVE-WORK DESIGN

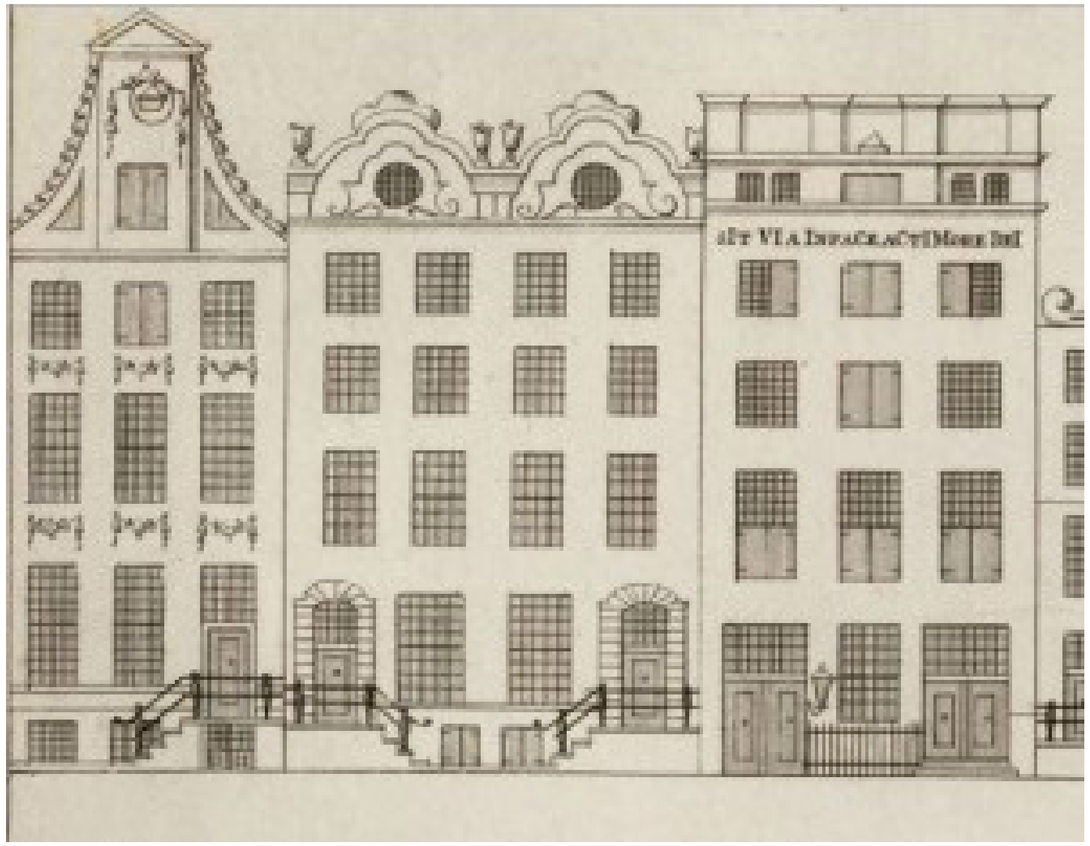
ADVANTAGES BIGGER SCALE

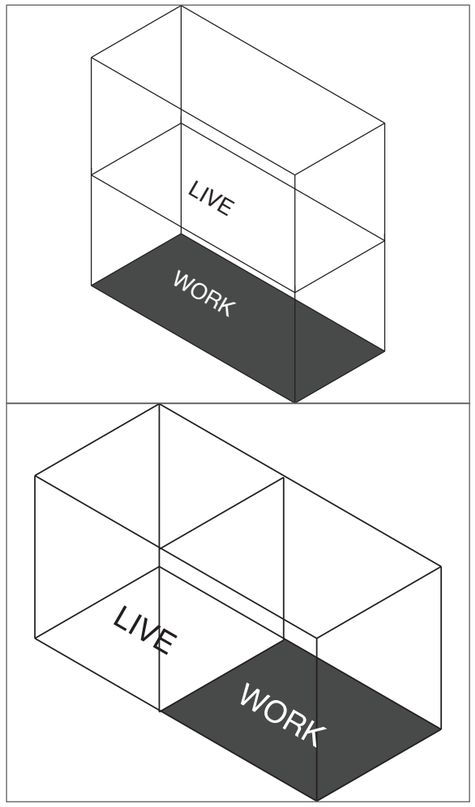




LIVE-WORK

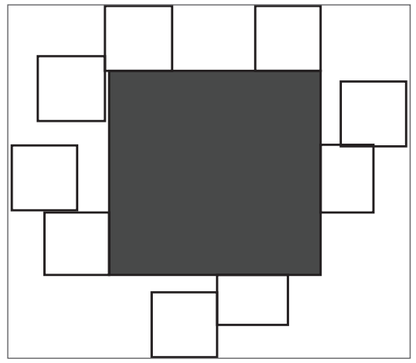
HISTORY

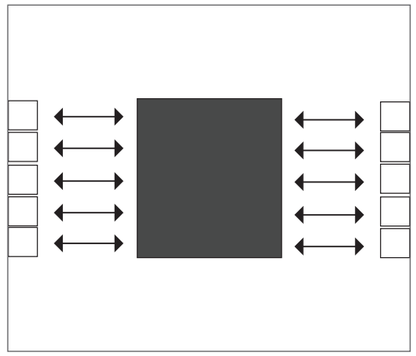




LIVE-WORK

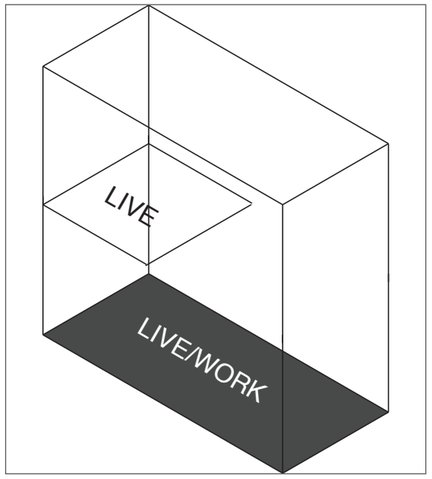
HISTORY: INDUSTRIAL REVOLUTION





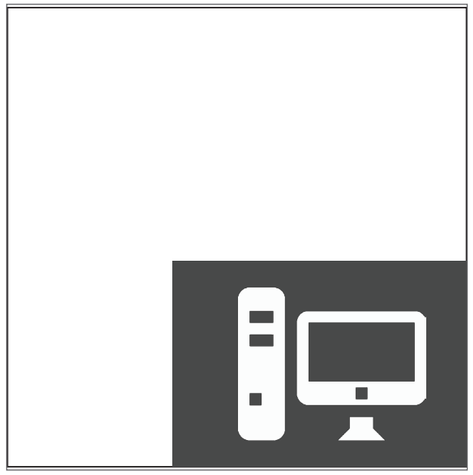
LIVE-WORK

HISTORY: 1940'S

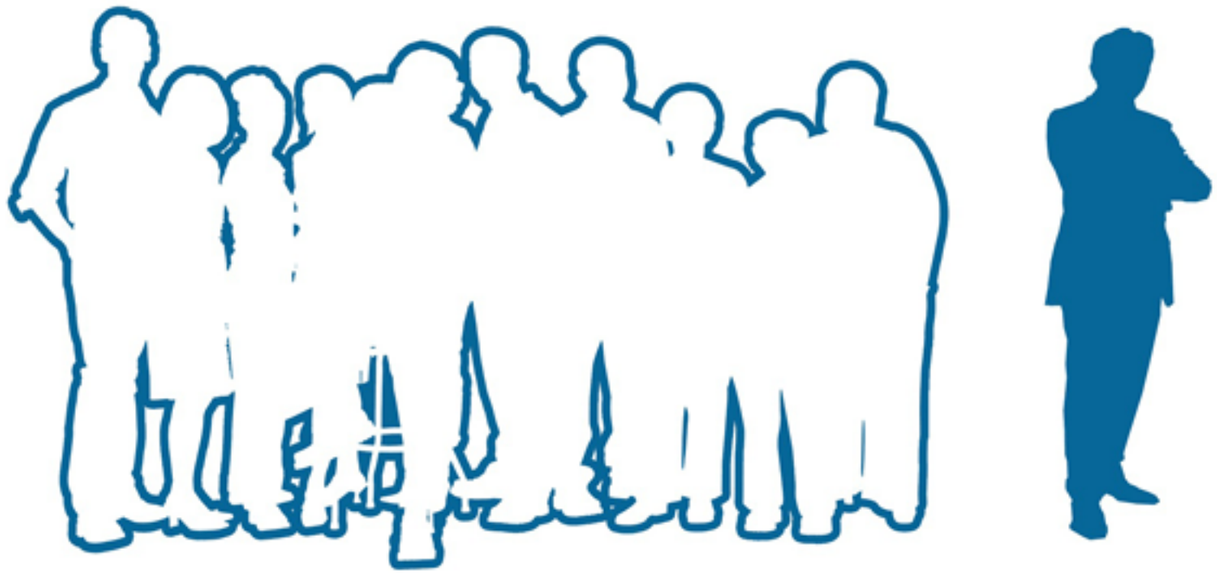


LIVE-WORK DESIGN

HISTORY: HOME-OFFICE

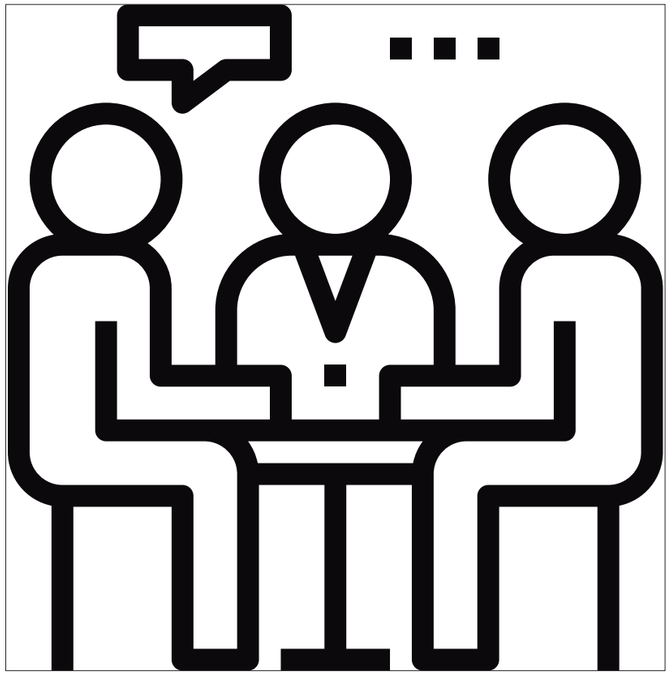


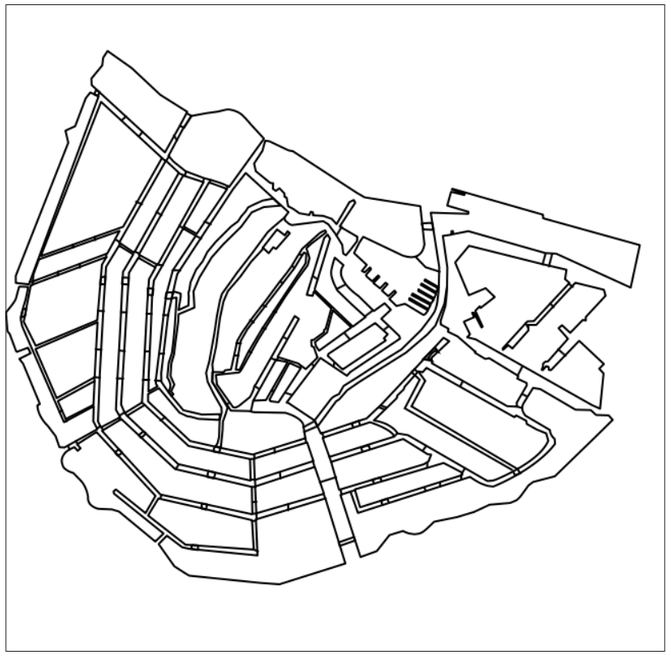
LIVE-WORK DESIGN



LIVE-WORK

NECESSITIES

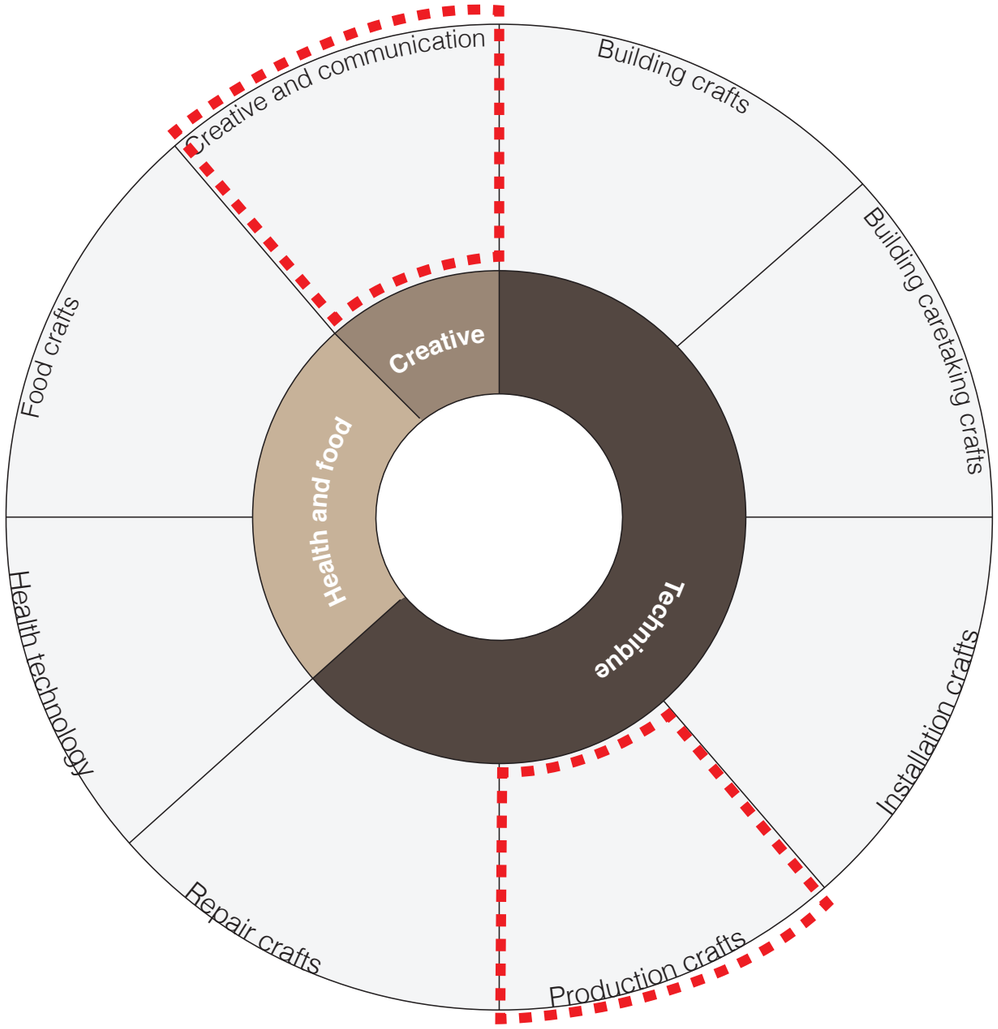




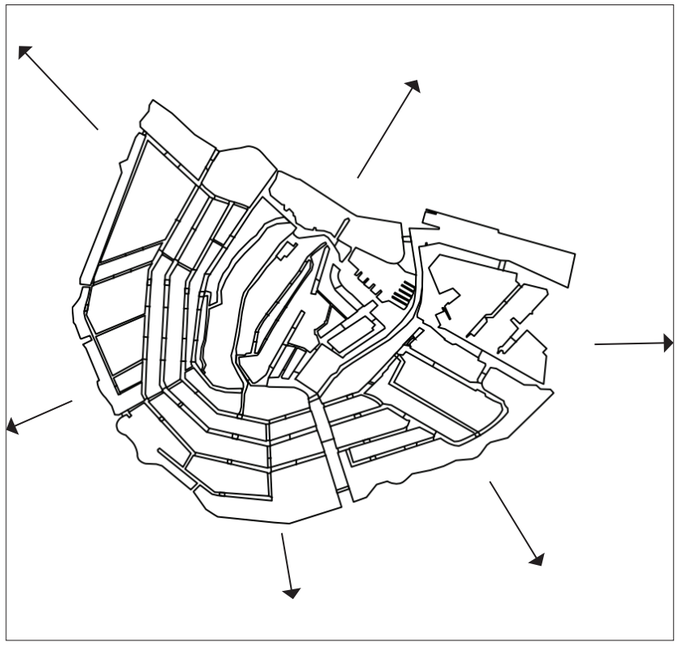
LIVE-WORK DESIGN

WHO?

CRAFTSMANSHIP



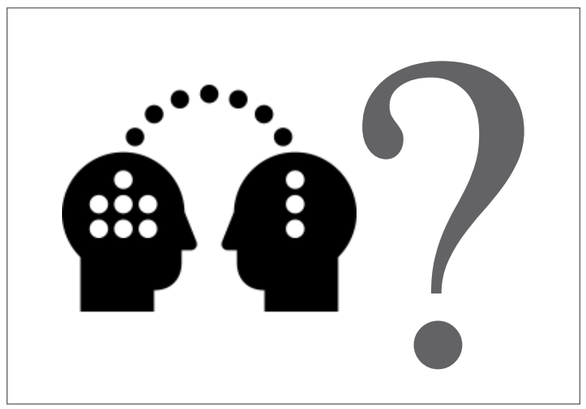
100+ m2



CRAFTSMANSHIP

INCREASING AMOUNT OF RETIRING SENIOR PROFESSIONALS

DECREASING AMOUNT OF NEW STUDENTS TO LEARN THE TRADE



Shortage before 2025: 500.000 professionals

CRAFTSMANSHIP

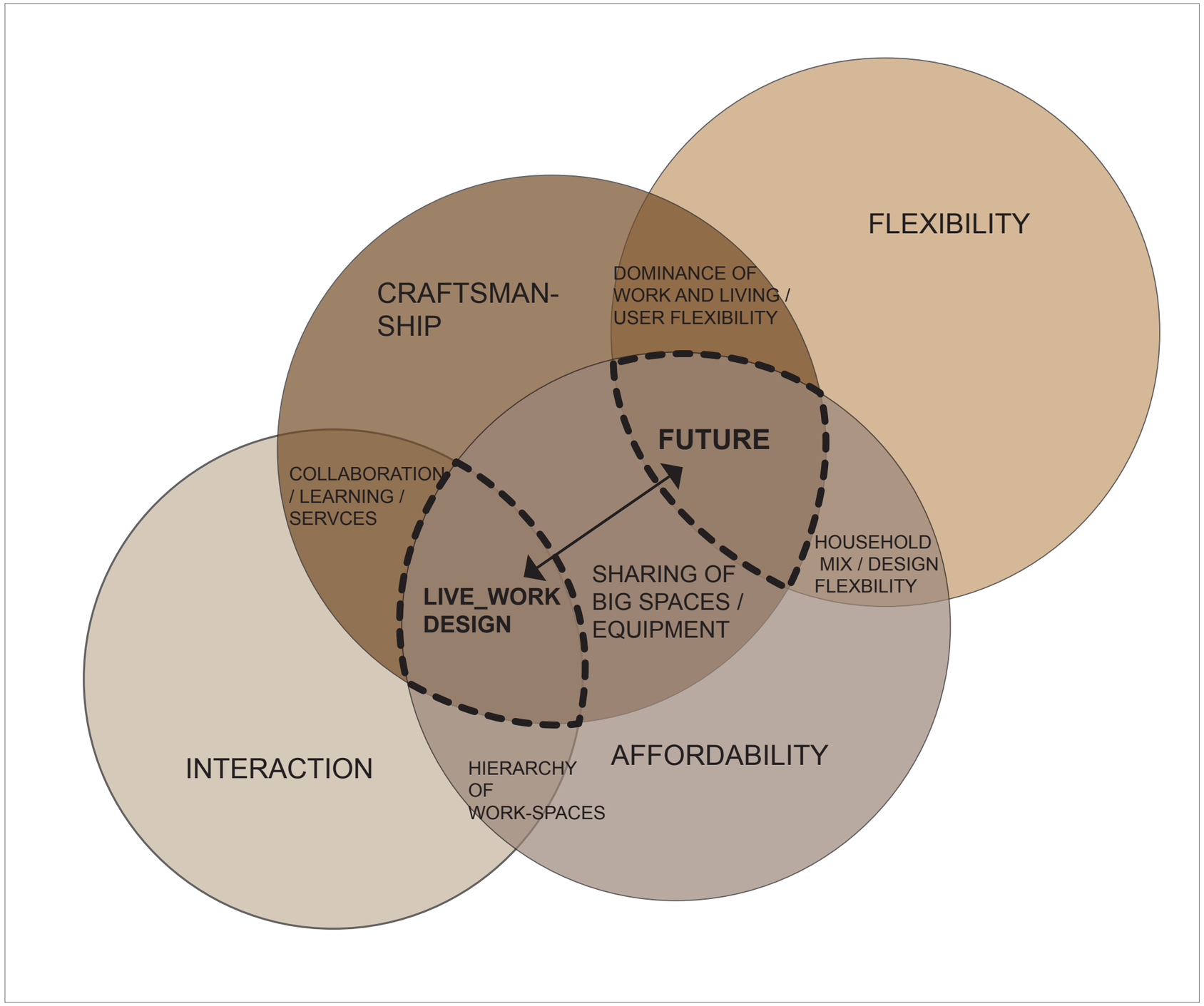
MEESTER

RESEARCH QUESTION

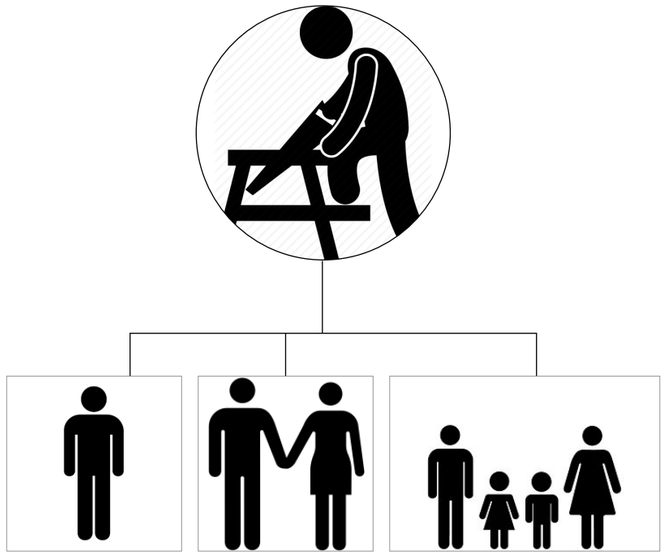
‘IN WHAT WAYS CAN LIVING, WORKING AND LEARNING IN SMALL CRAFT INDUSTRIES BE INTEGRATED IN AN INNER-CITY COMPLEX IN AMSTERDAM? ‘

TOPICS

TOPICS

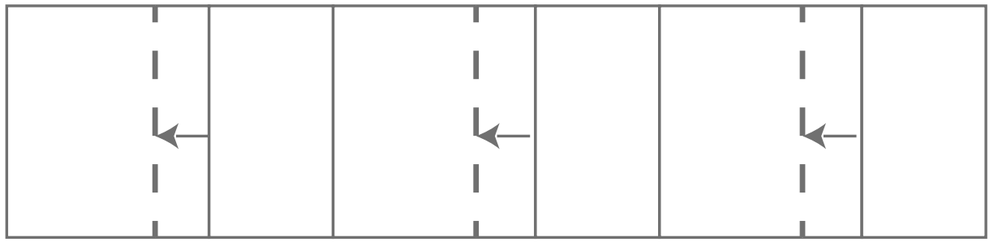

FLEXIBILITY
CRAFTSMAN-
SHIP
DOMINANCE OF
WORK AND LIVING /
USER FLEXIBILITY
FUTURE
COLLABORATION
/ LEARNING /
SERVCES
HOUSEHOLD
MIX / DESIGN
FLEXBILITY
SHARING OF
BIG SPACES /
EQUIPMENT
LIVE_WORK
DESIGN
INTERACTION
HIERARCHY
OF
WORK-SPACES
AFFORDABILITY

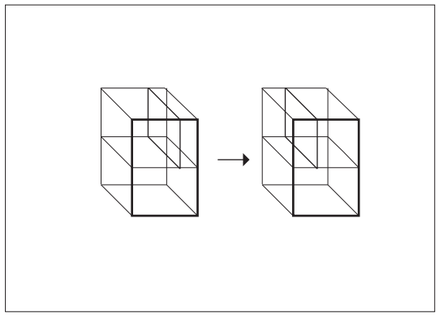
FLEXIBILITY

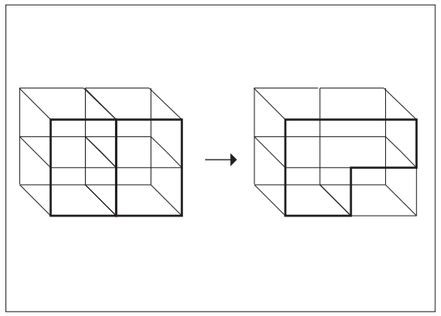


FLEXIBILITY

(RE)DESIGN PHASE

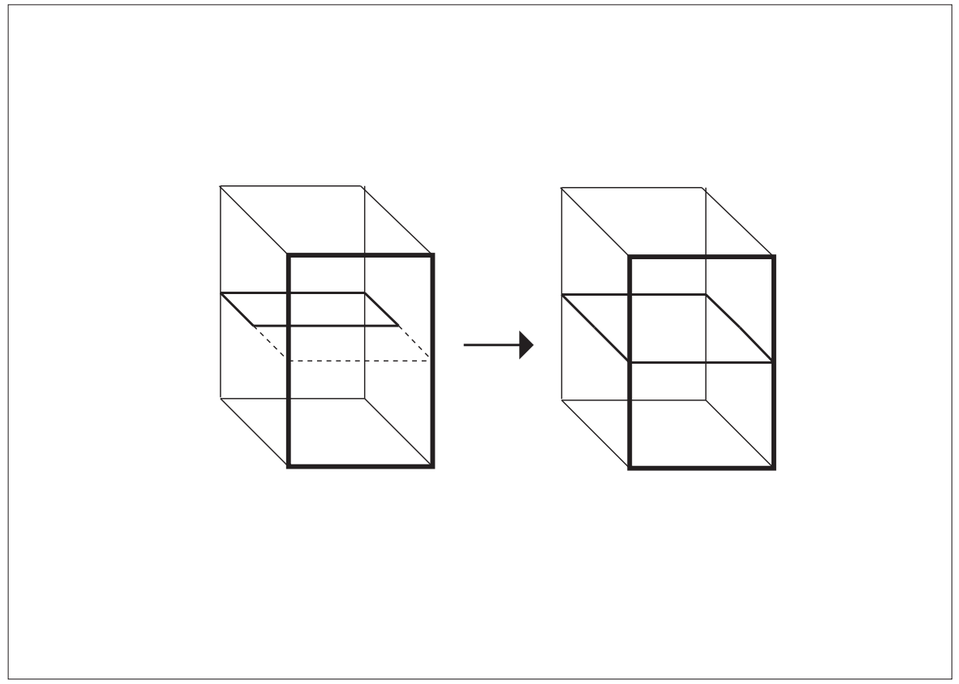


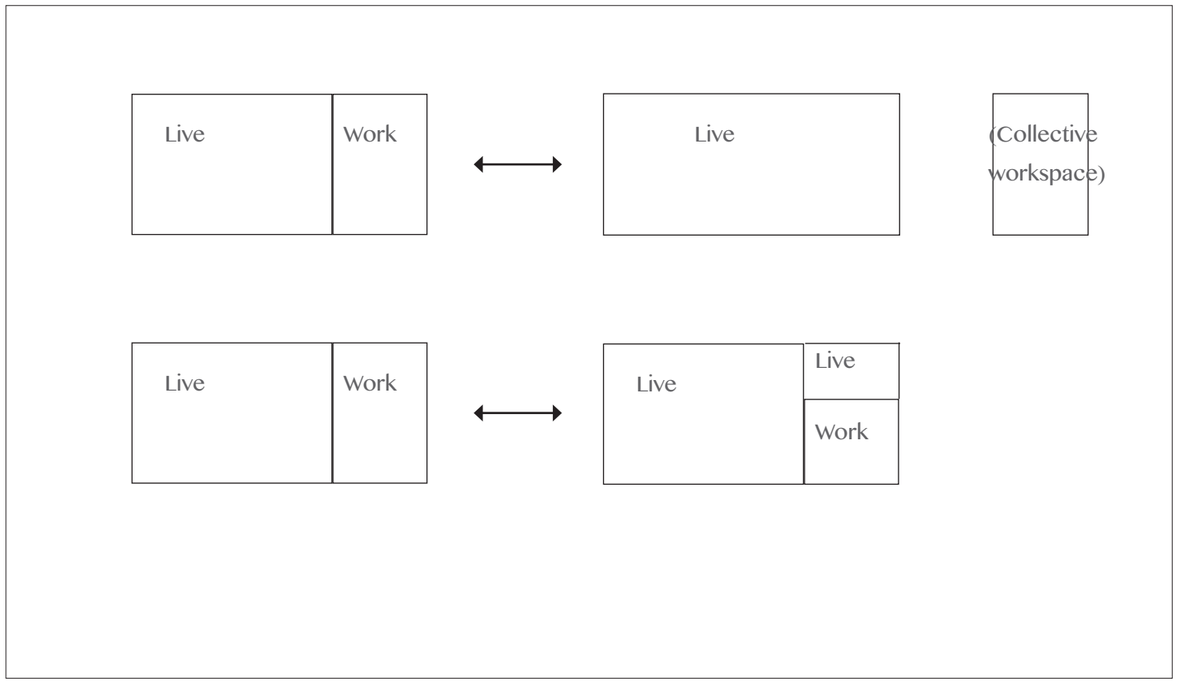




FLEXIBILITY

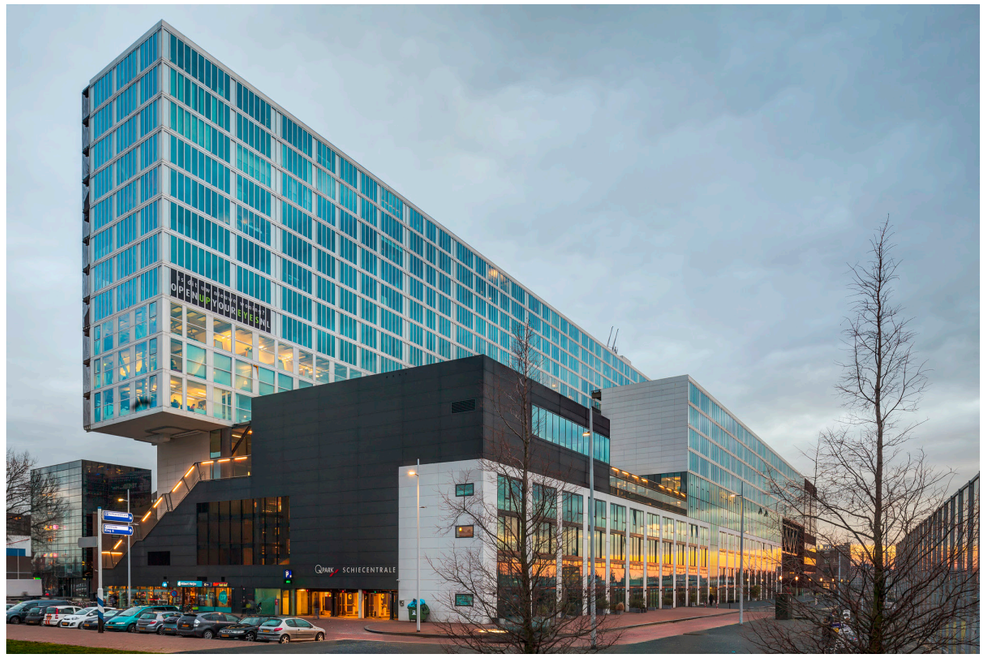
USER PHASE

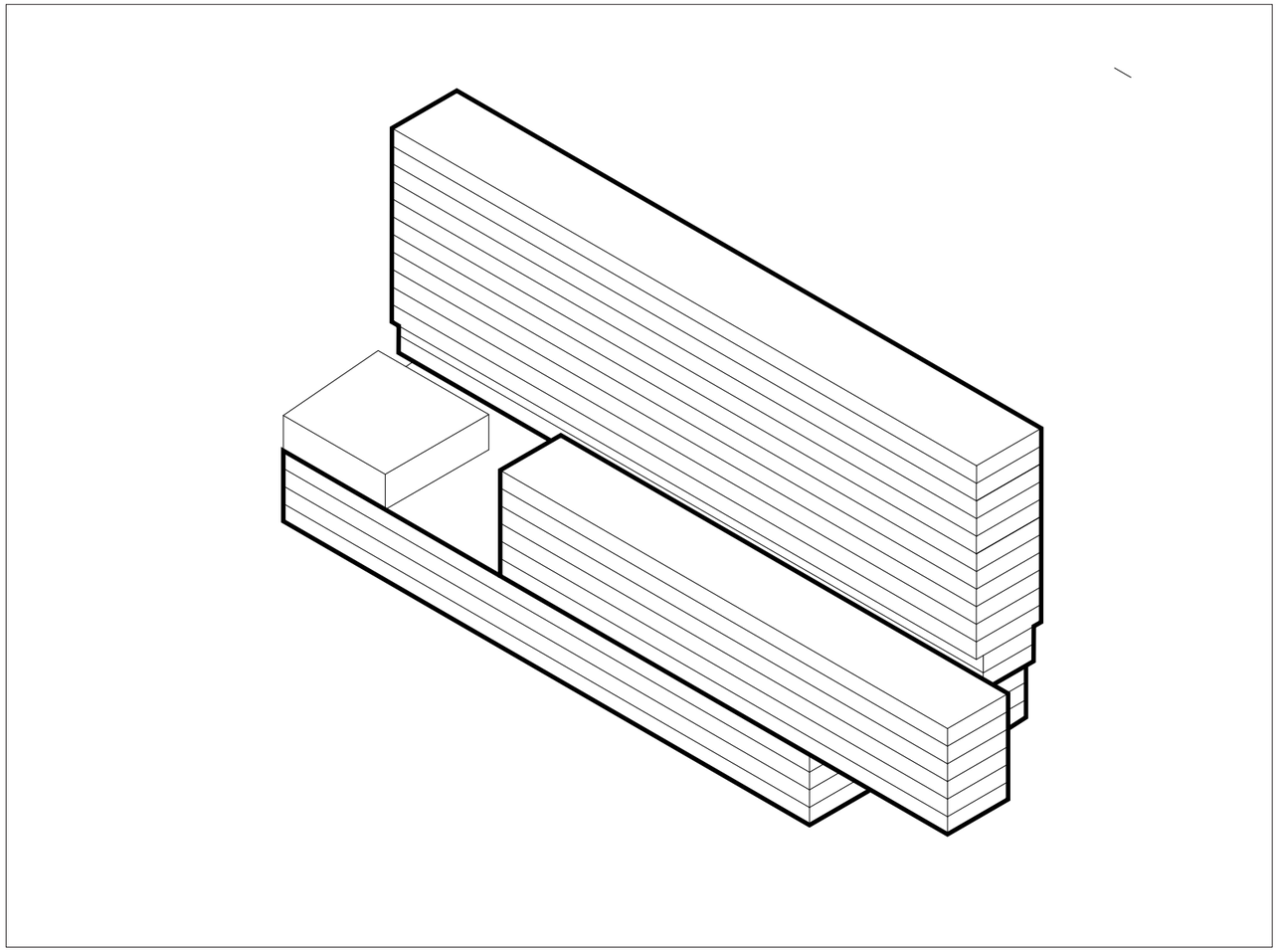




FLEXIBILITY

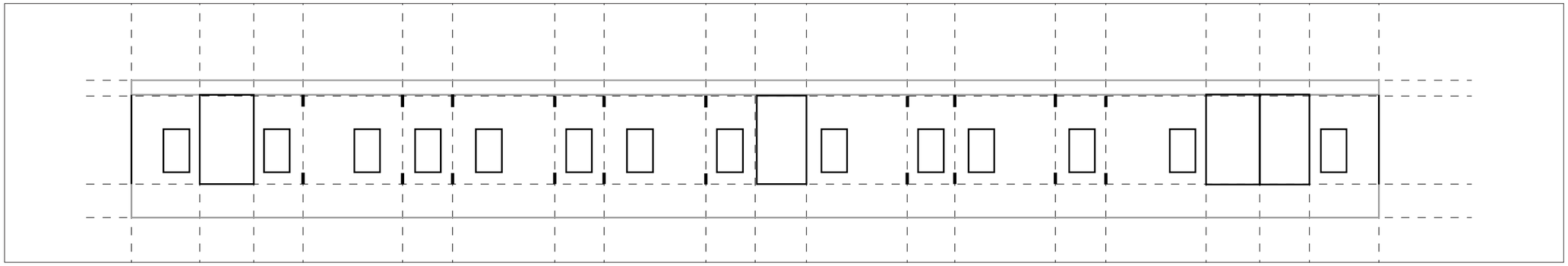
CASE STUDY

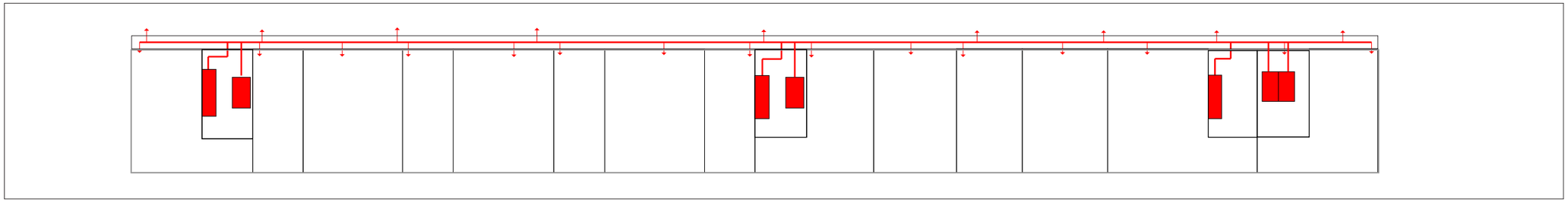


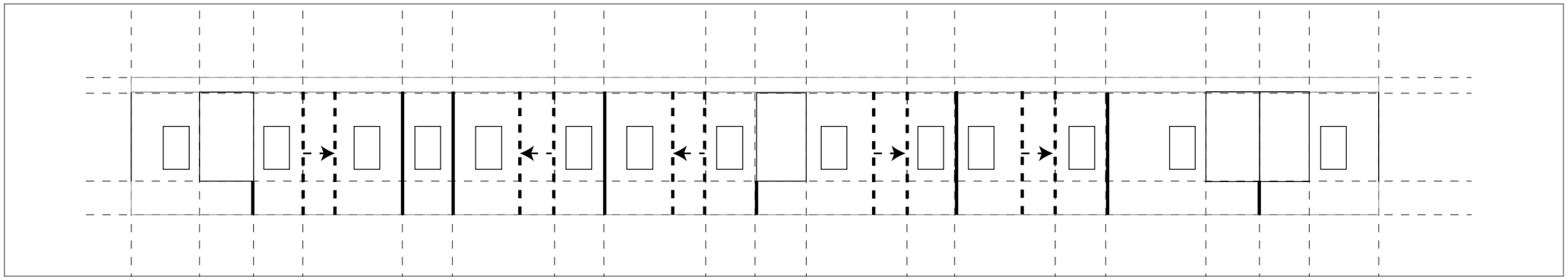


FLEXIBILITY

CASE STUDY

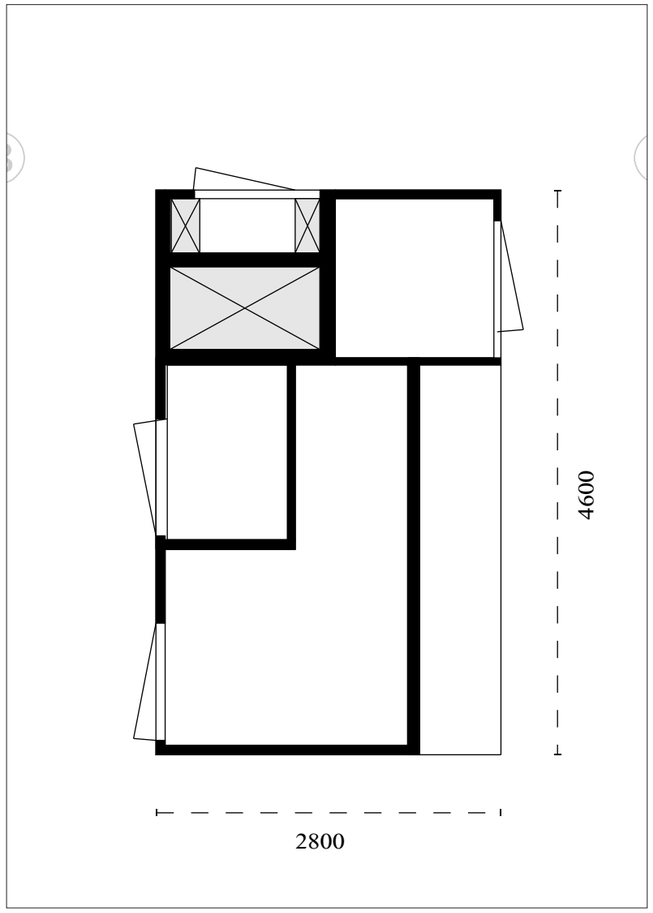


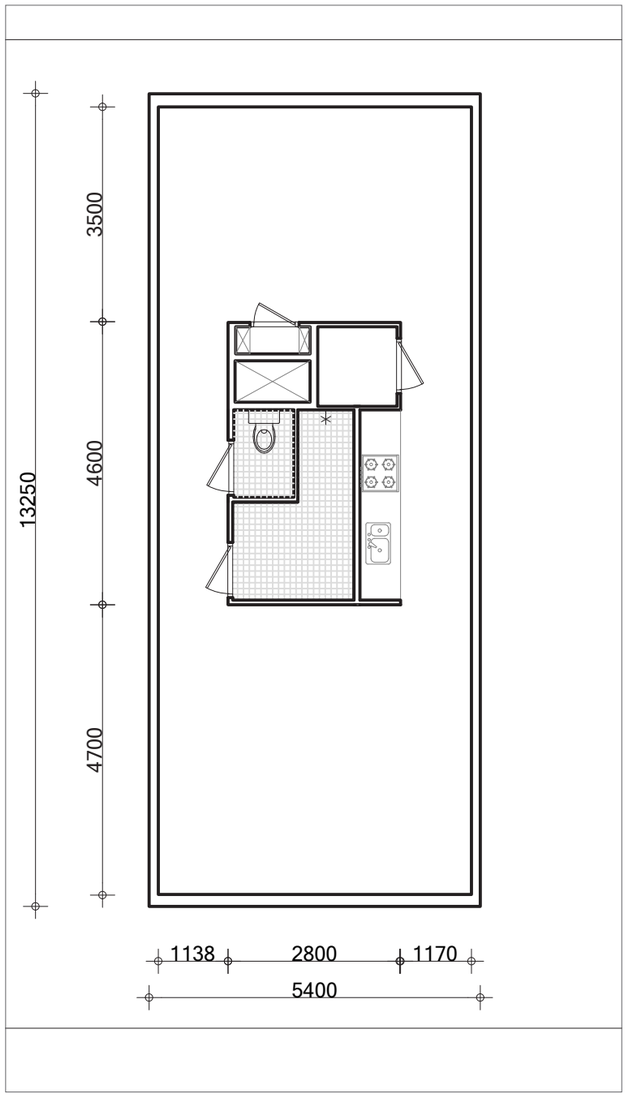




FLEXIBILITY

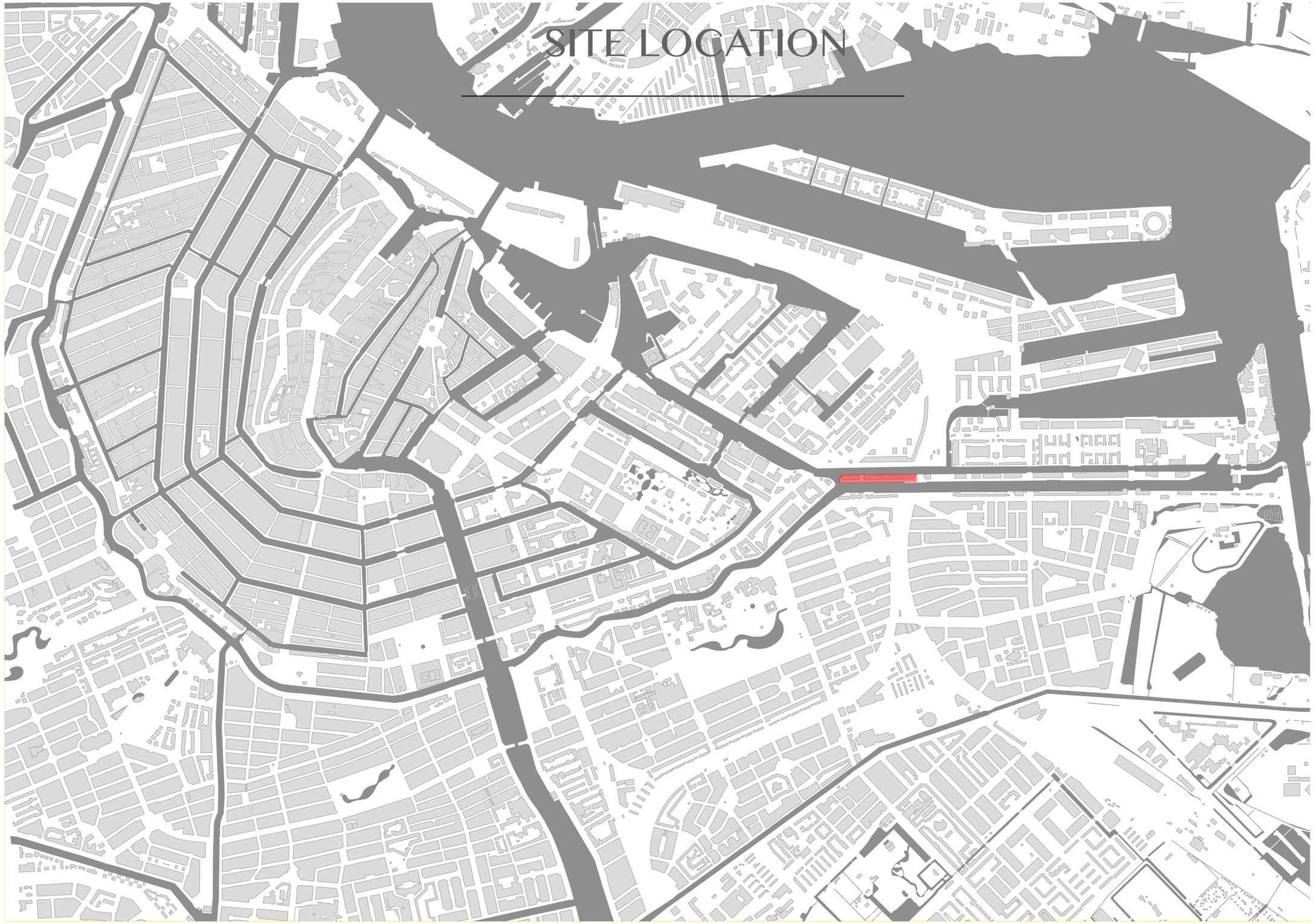
CASE STUDY





URBAN DESIGN

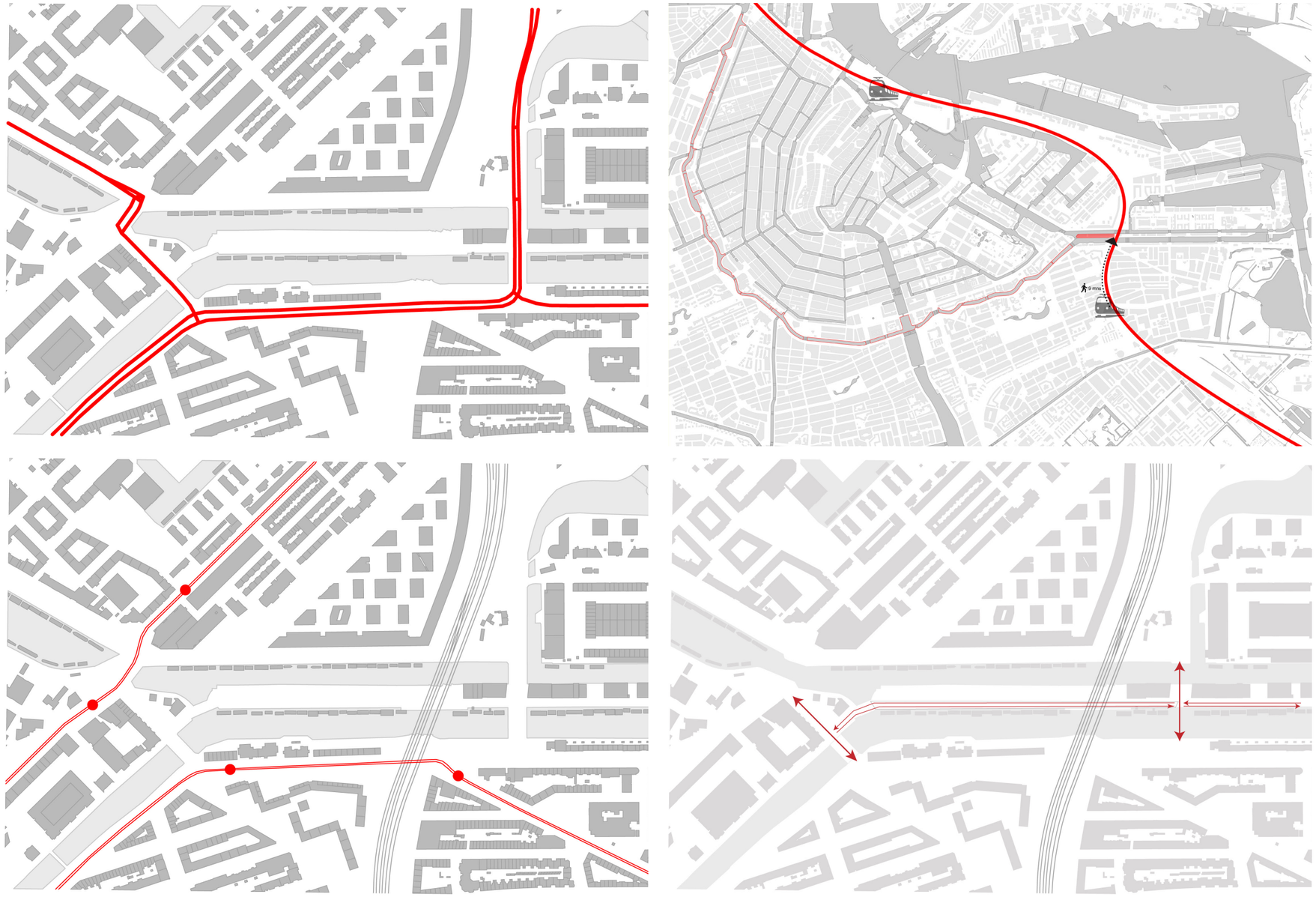
SITE LOCATION



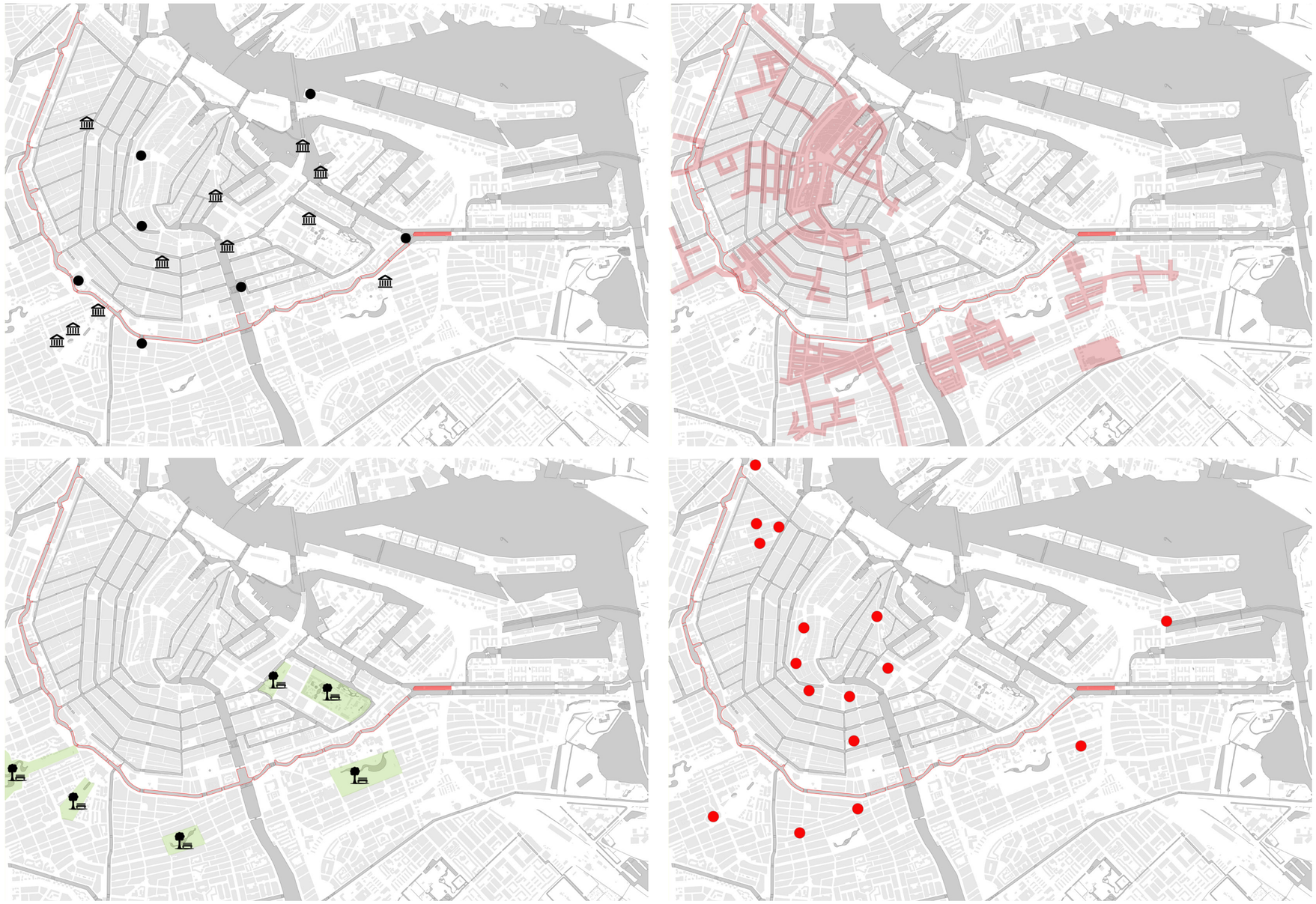
ZEEBURGERPAD

ZEEBURGERPAD

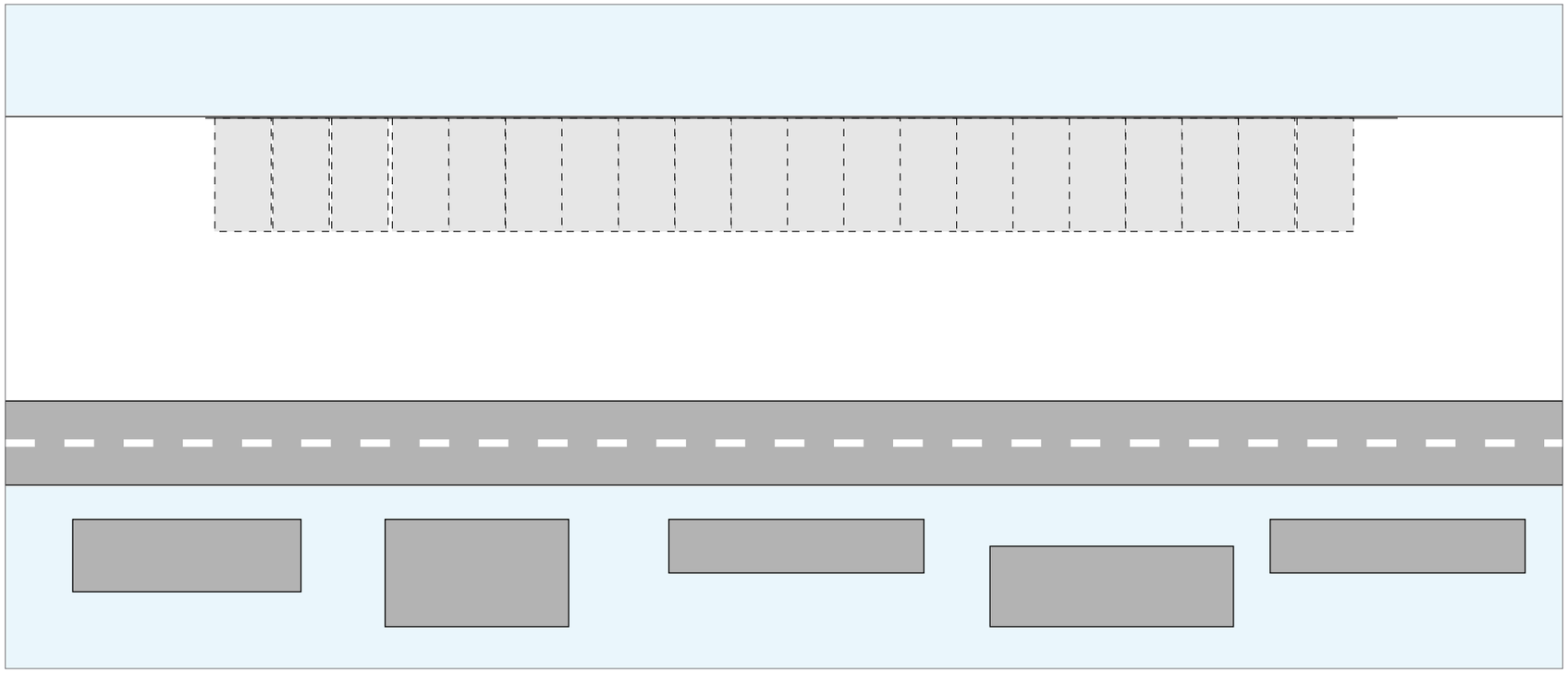
SITE ACCESSIBILITY



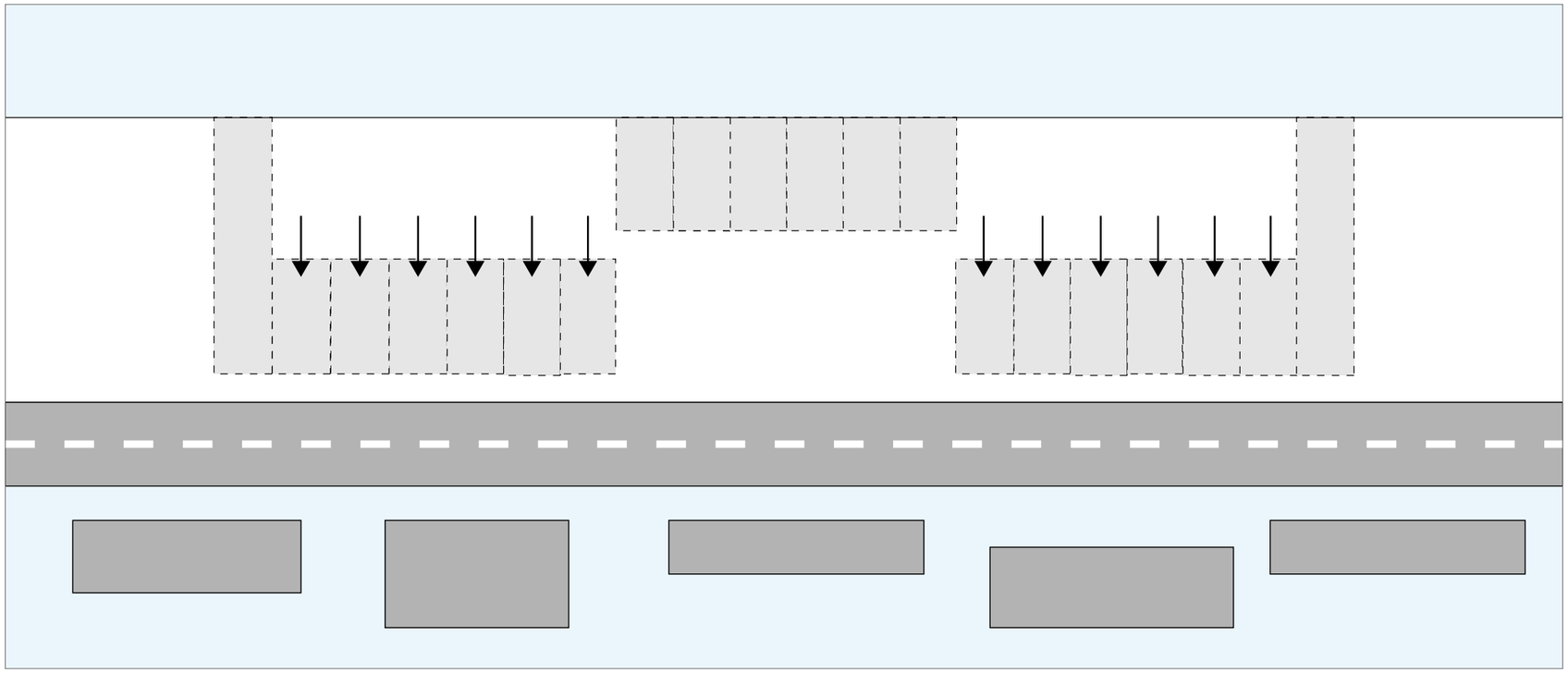
SITE FUNCTIONS



DESIGN STRATEGY



DESIGN STRATEGY



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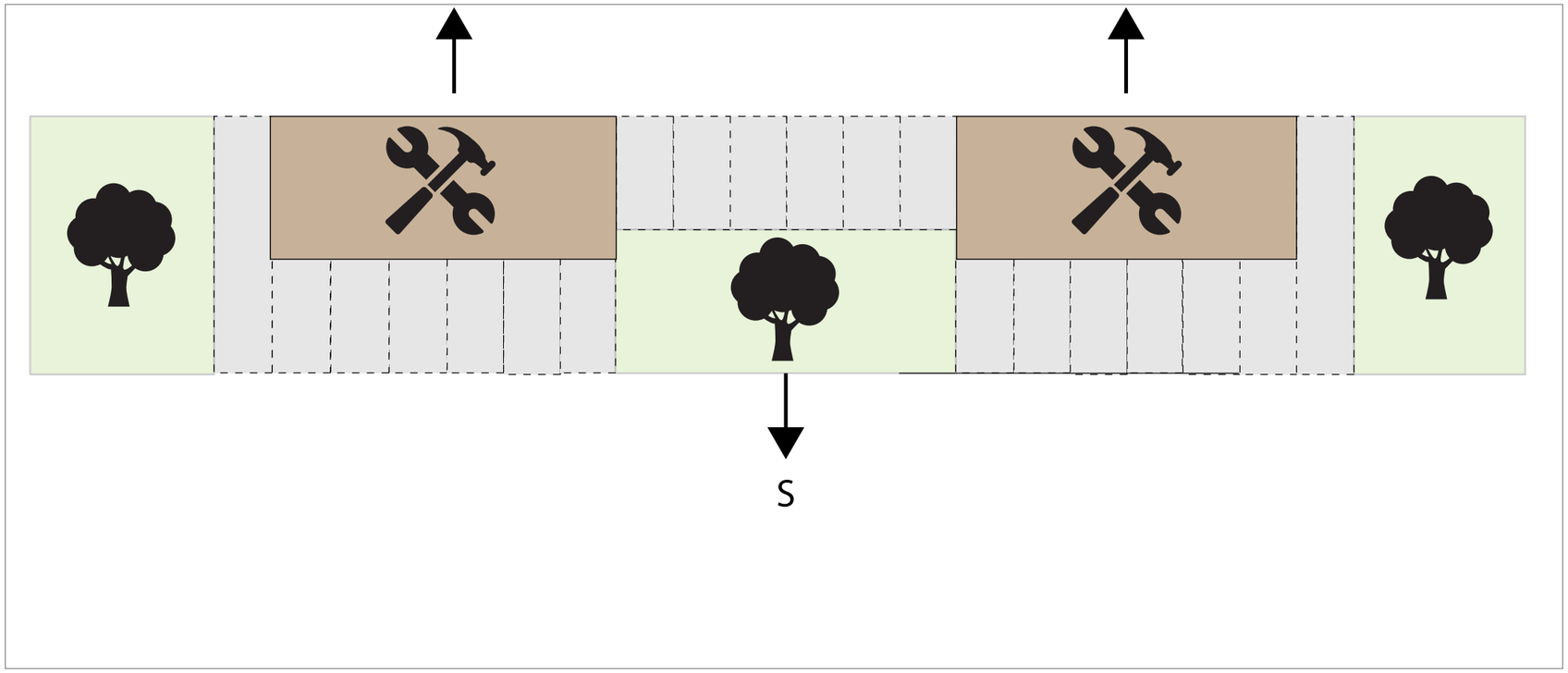

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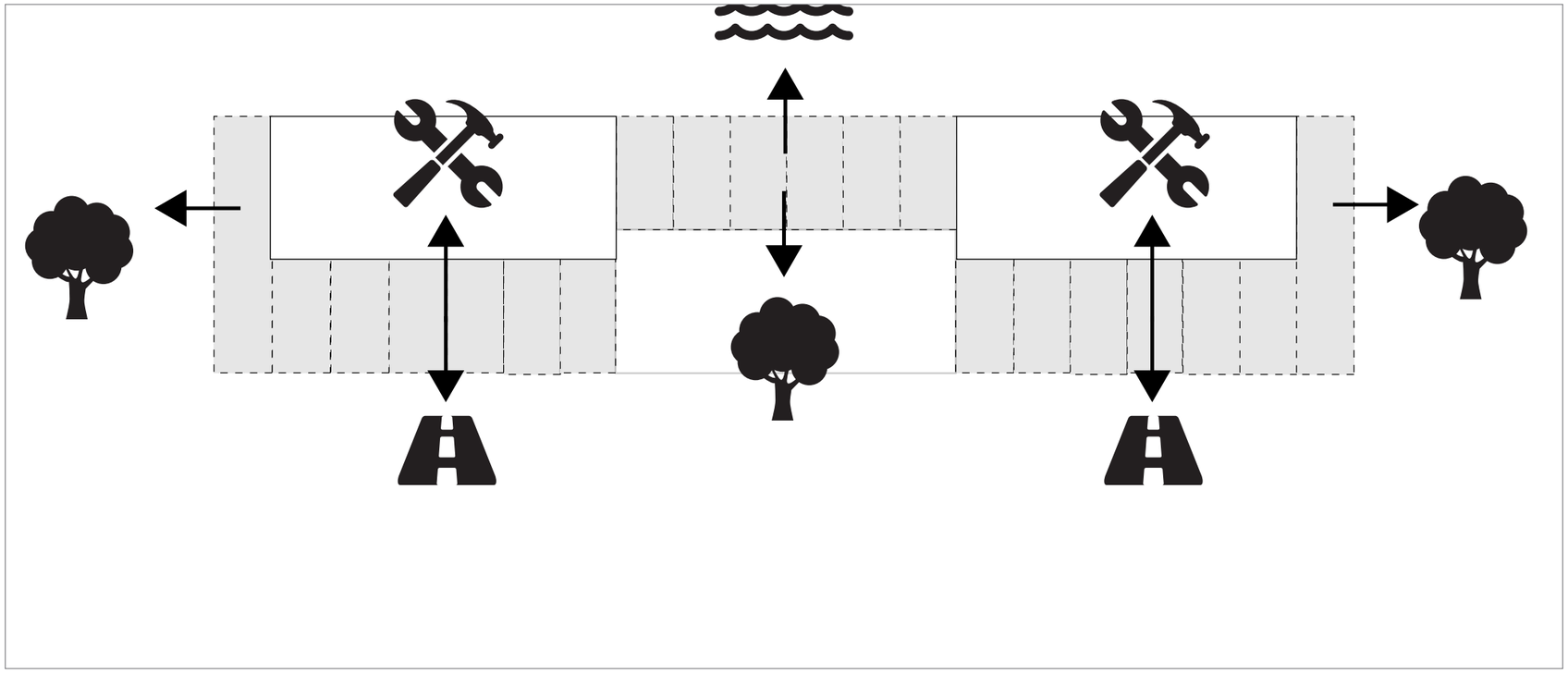
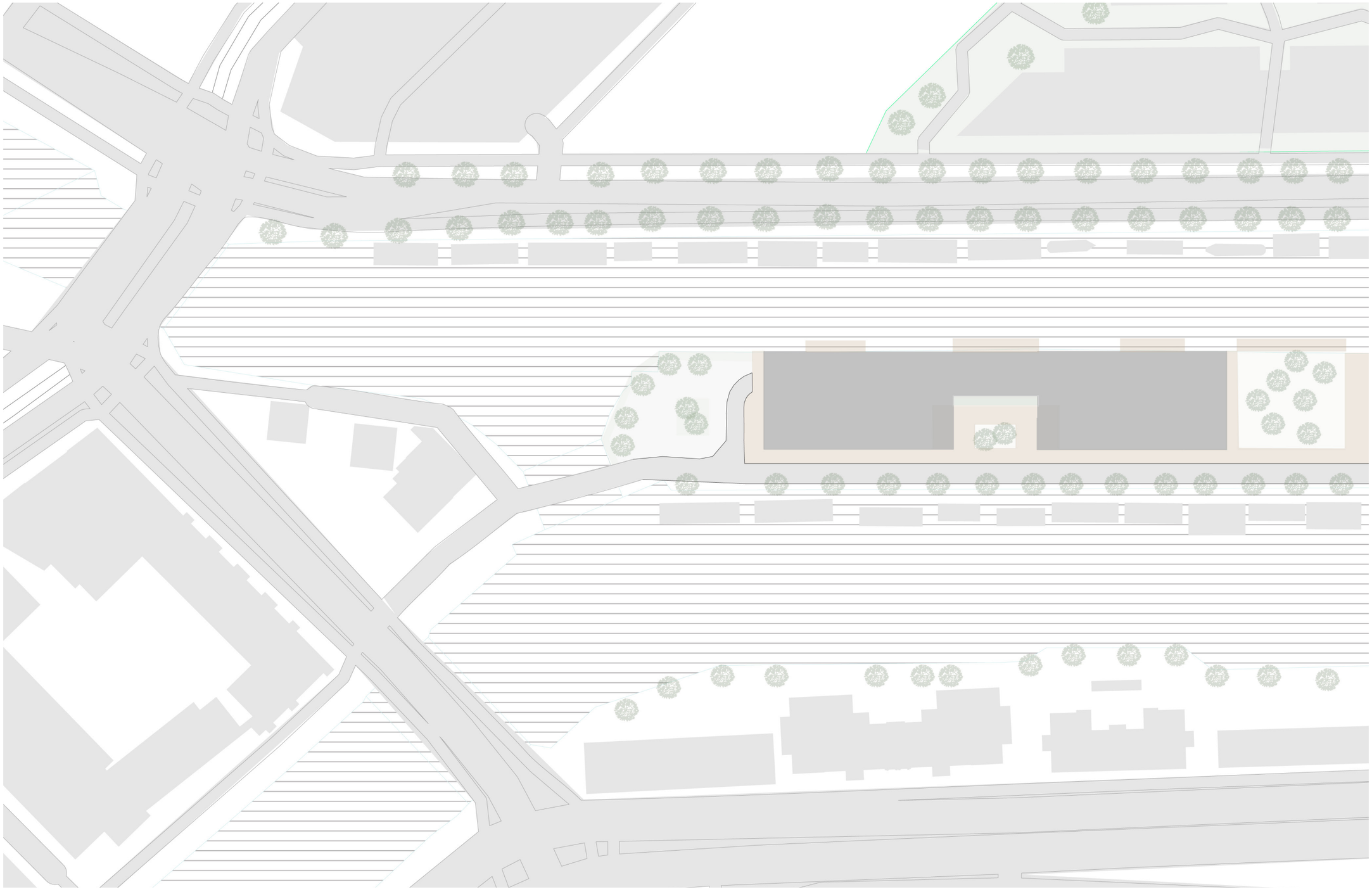
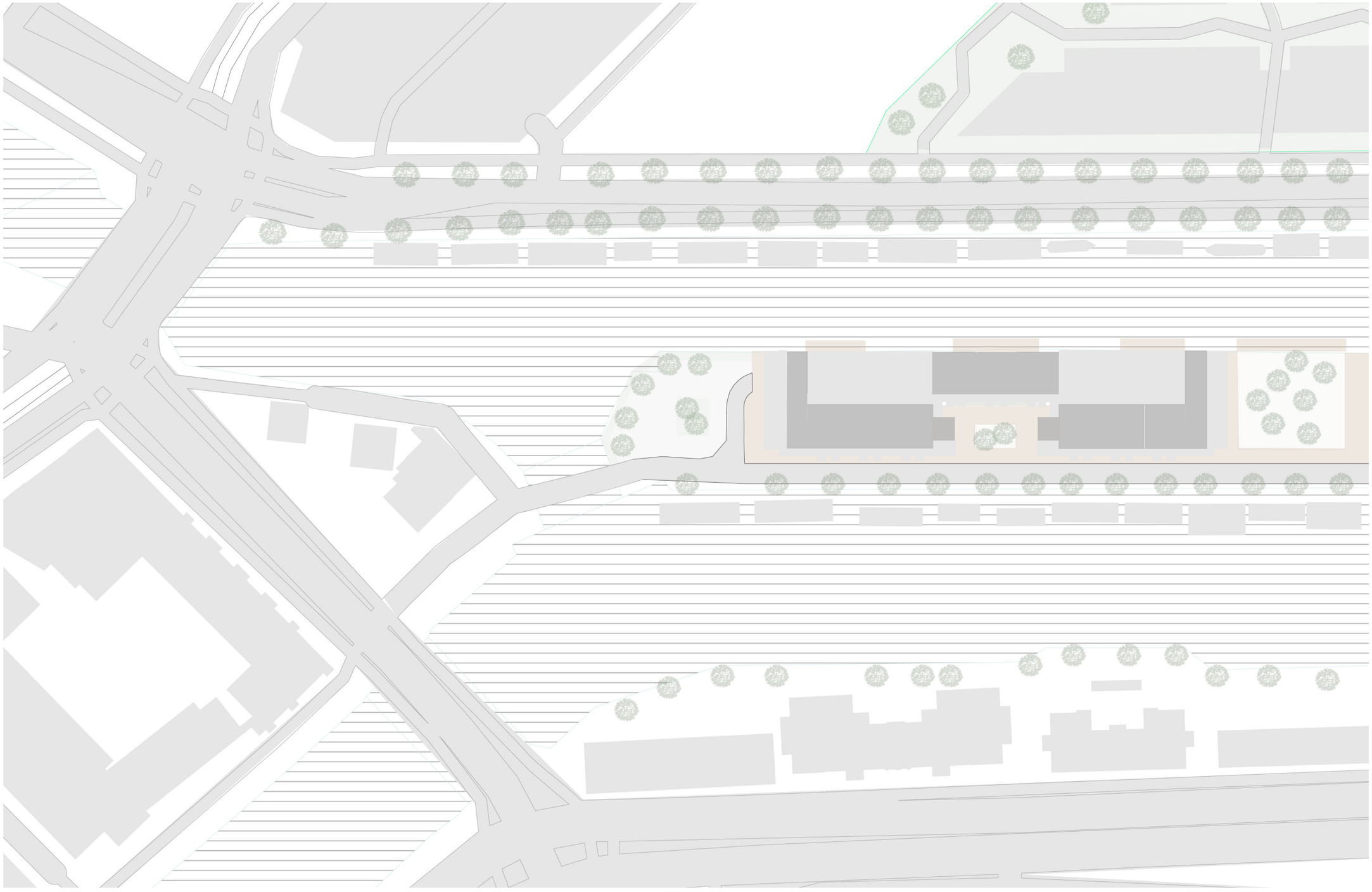


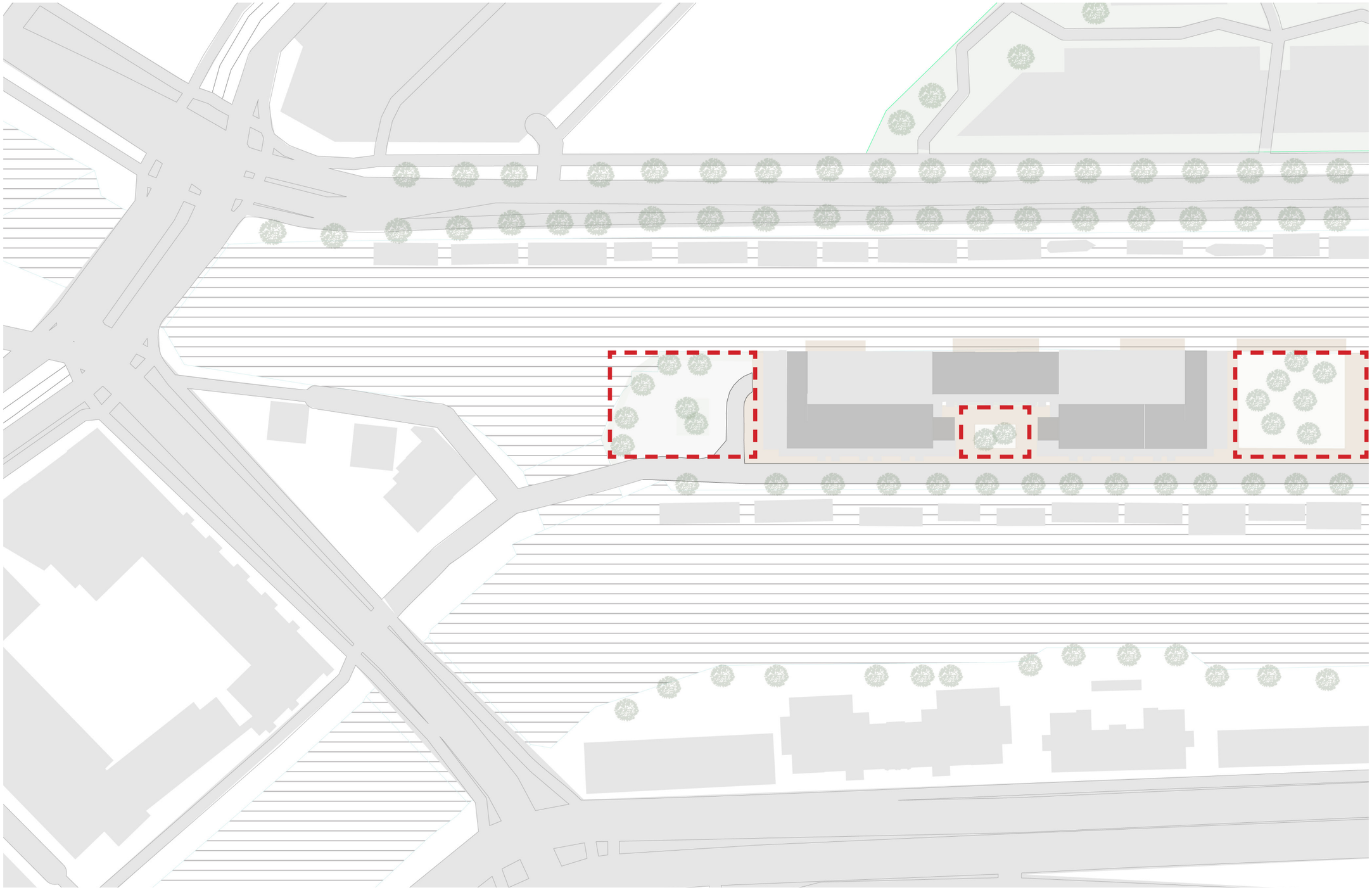
URBAN SCHEME GROUND FLOOR



URBAN SCHEME TOP FLOORS



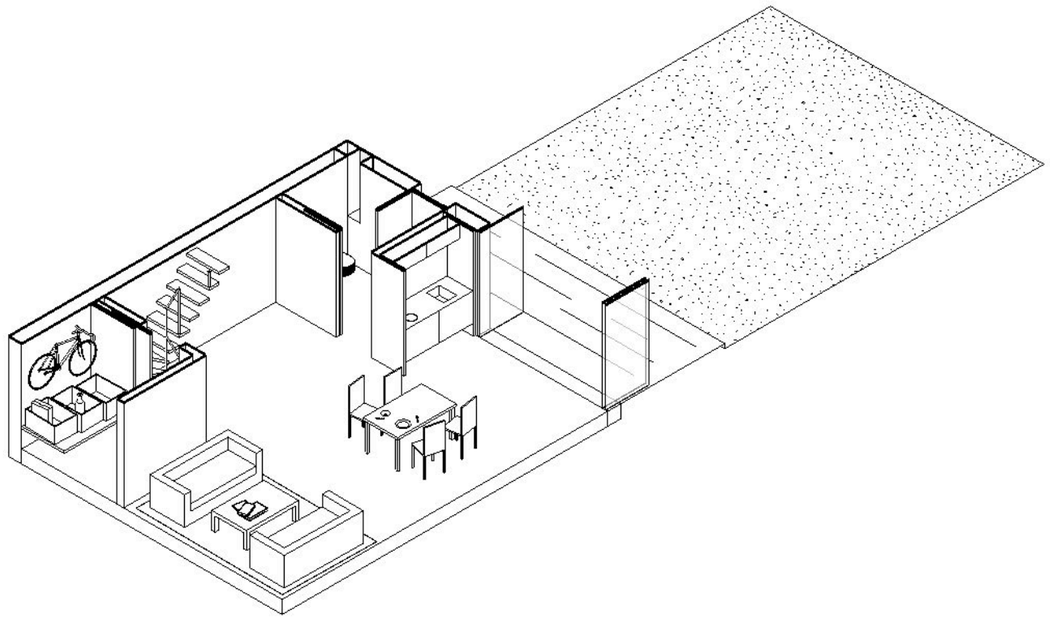
URBAN SCHEME TOP FLOORS

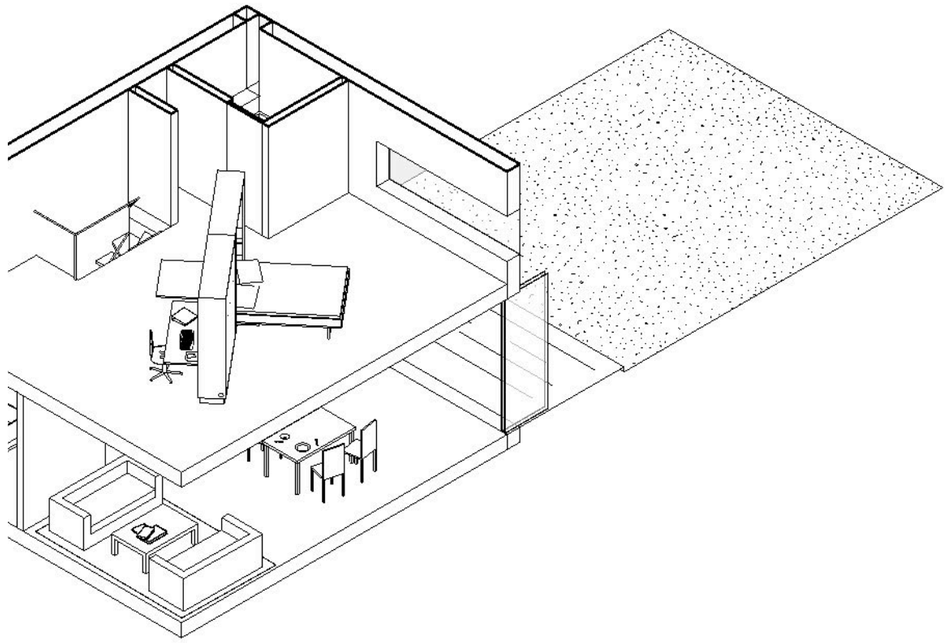


TYPOLOGICAL RESEARCH LIVE-WORK DWELLINGS

TYPOLOGICAL RESEARCH

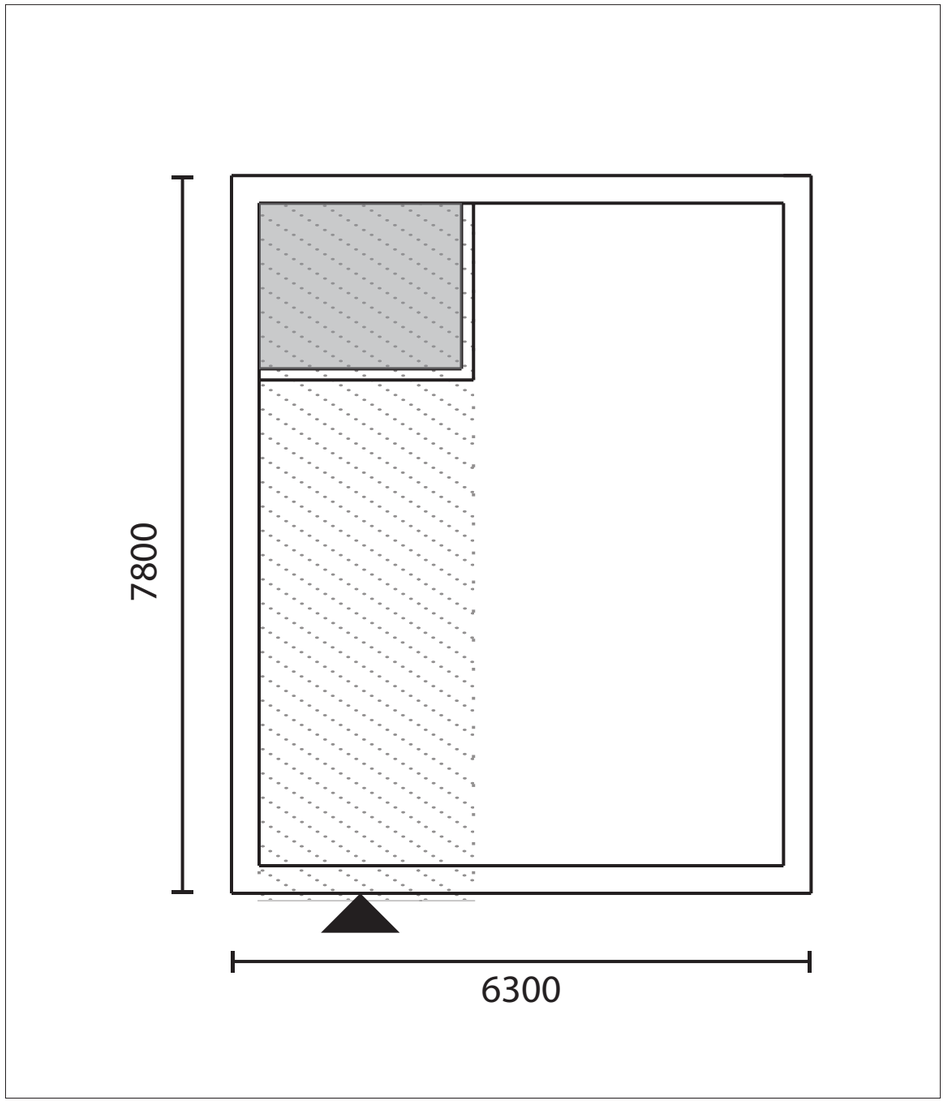
F. HOLLISS





TYPOLOGICAL RESEARCH

F. HOLLISS



TYPOLOGICAL RESEARCH

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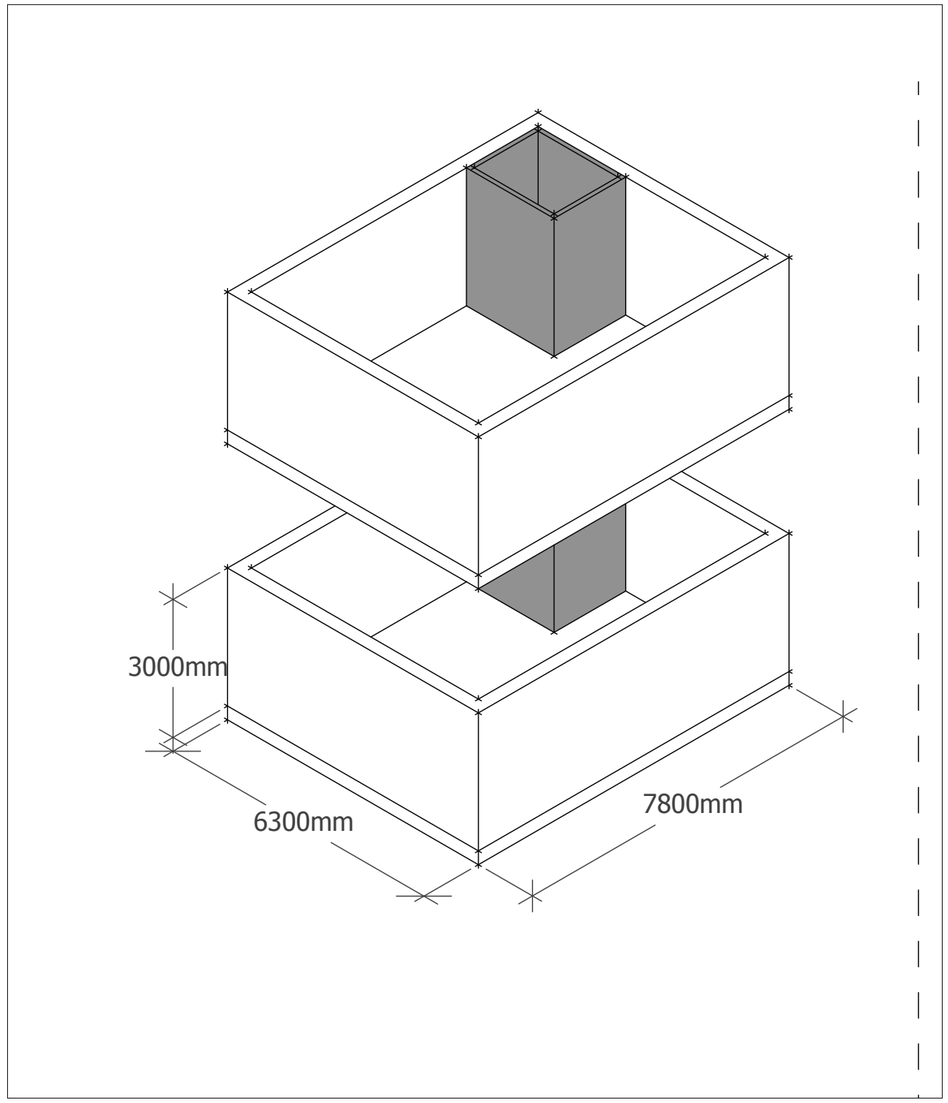
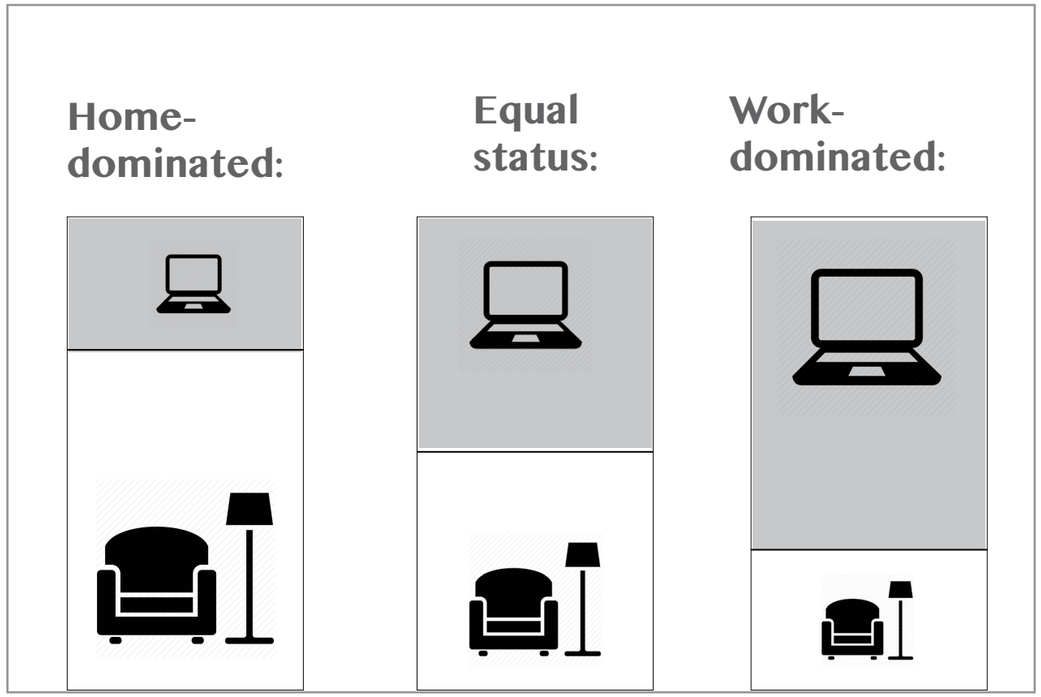


TYPOLOGICAL RESEARCH

F. HOLLISS

Dominant function



TYPOLOGICAL RESEARCH

T. DOLAN

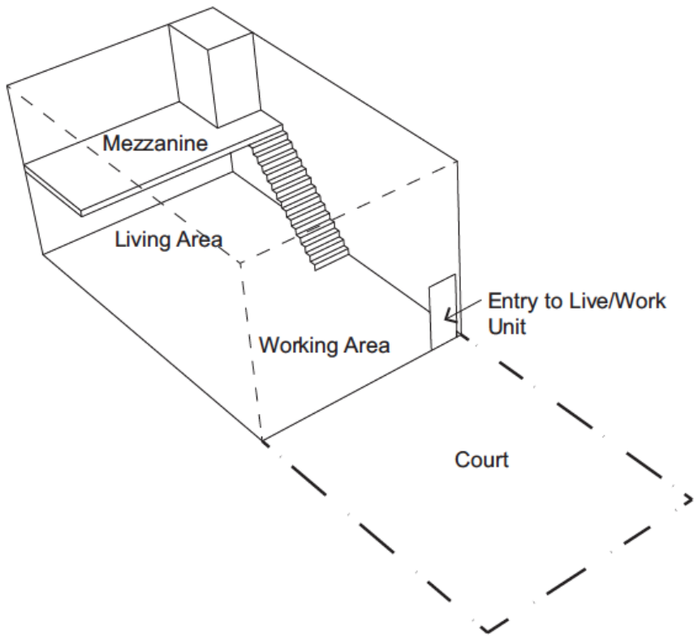


Figure 2-15 Diagram of a live-with proximity-type unit.

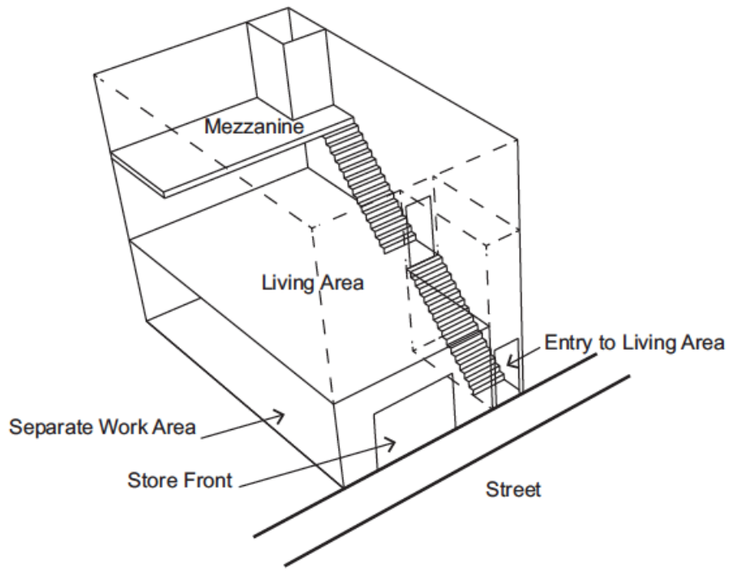


Figure 2-17 Diagram of a live-near proximity-type unit.

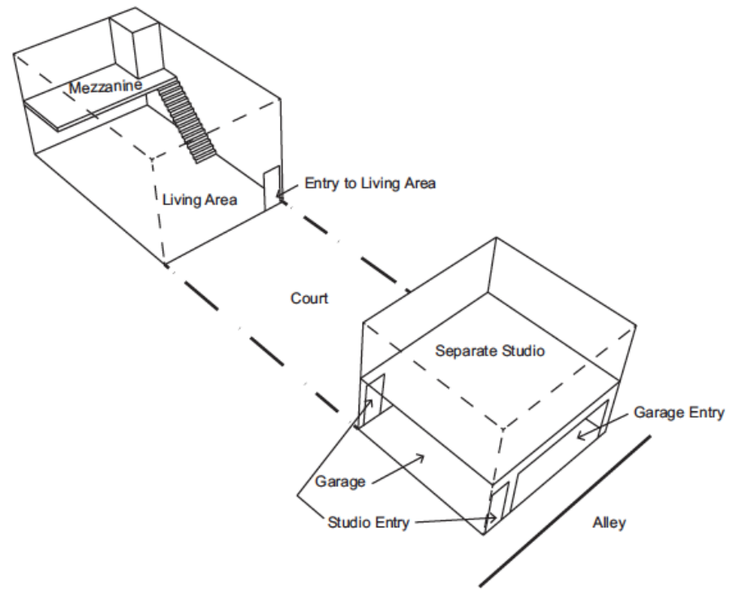
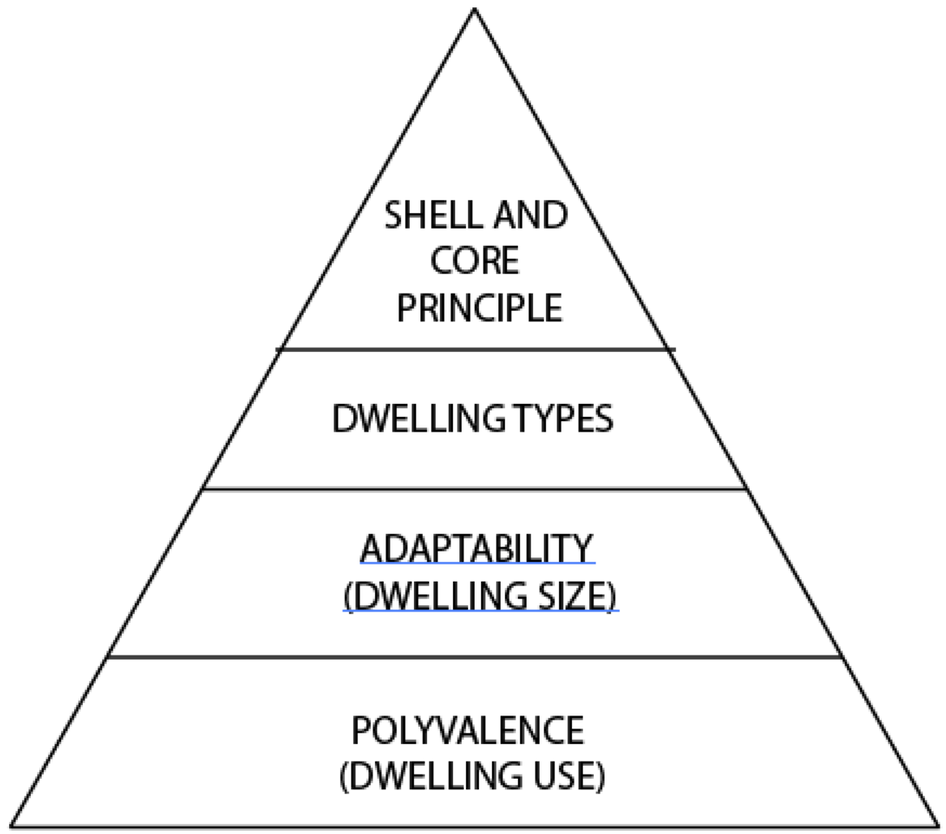
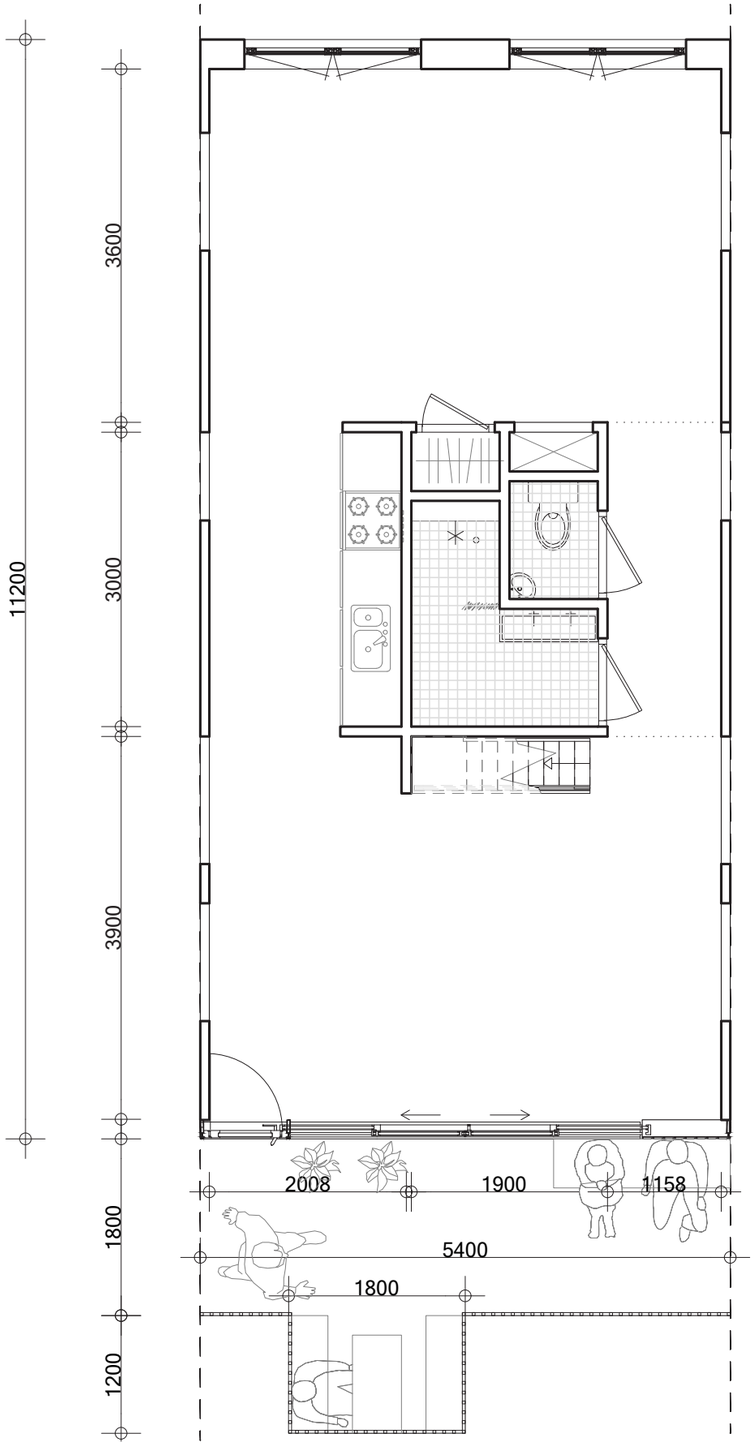


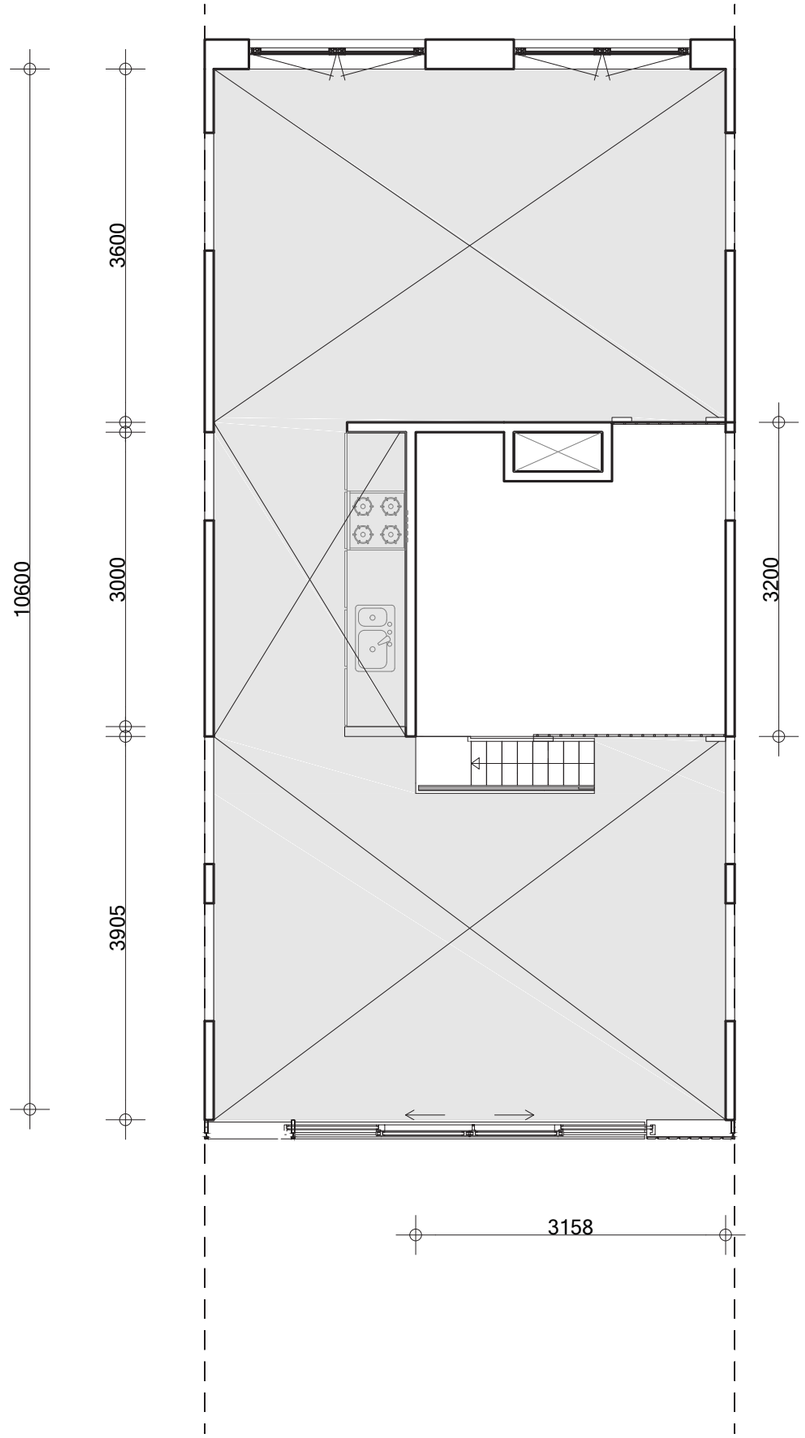
Figure 2-19 Diagram of a live-nearby proximity-type unit.

DWELLING DESIGN

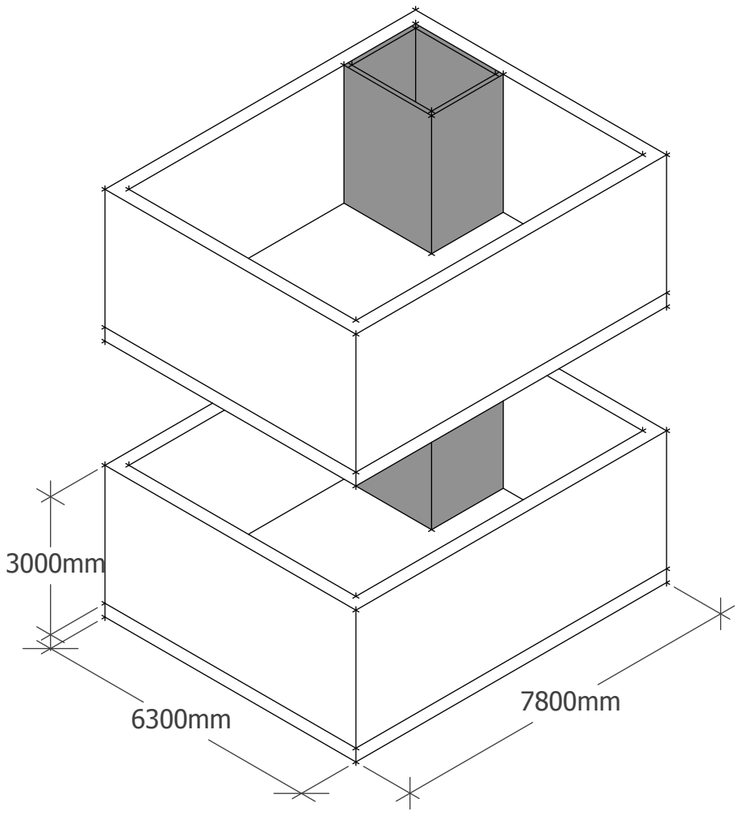


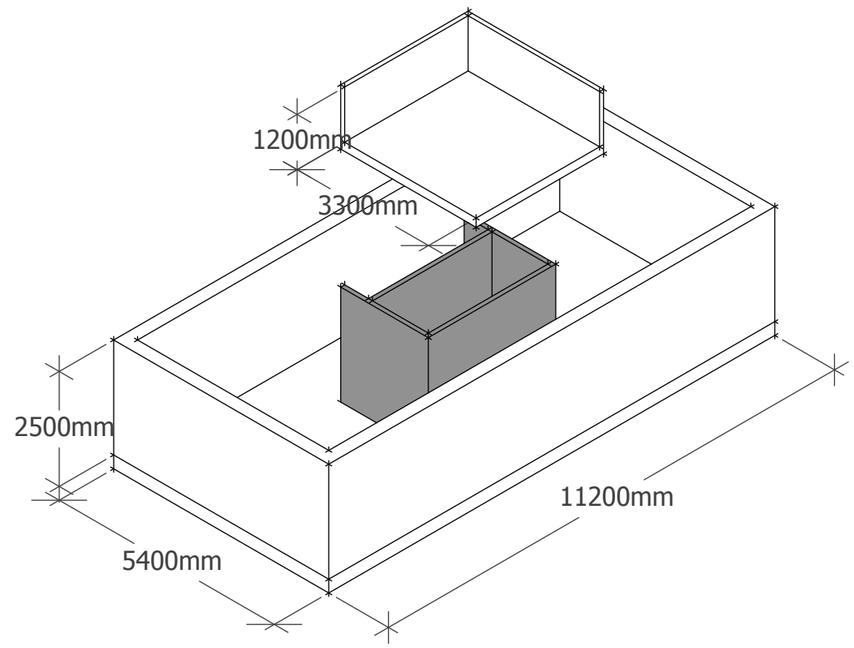
LIVE-WORK LOFT APARTMENT



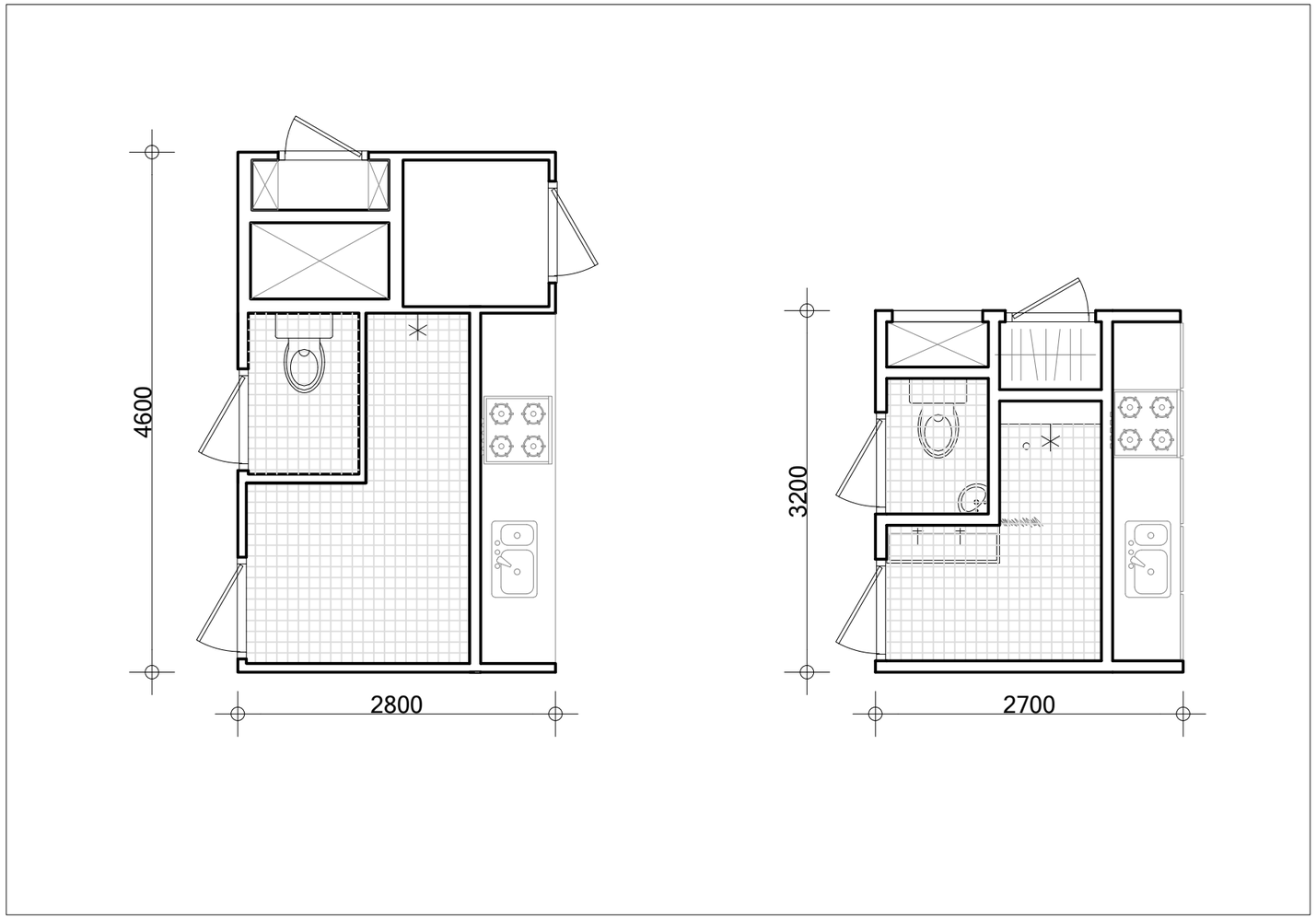


LIVE-WORK LOFT APARTMENT

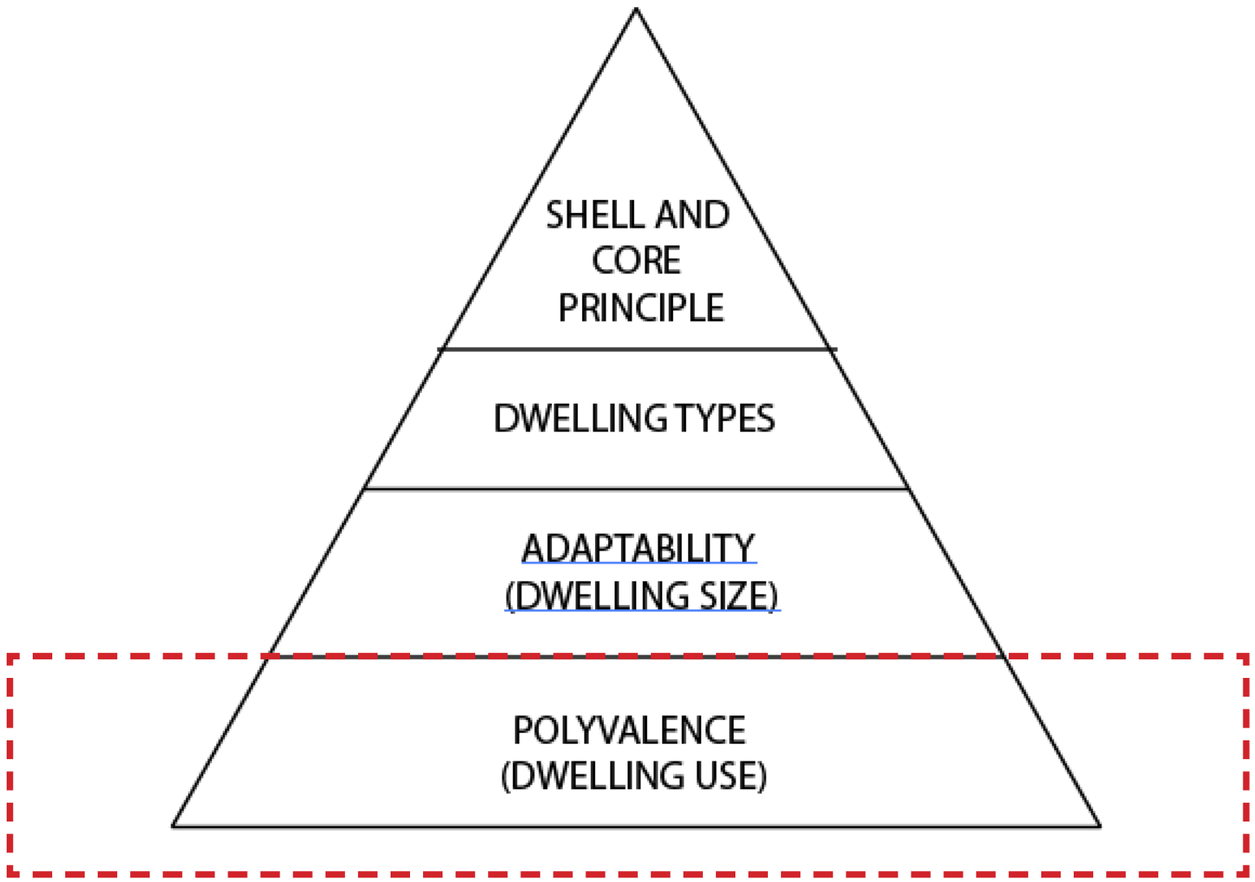




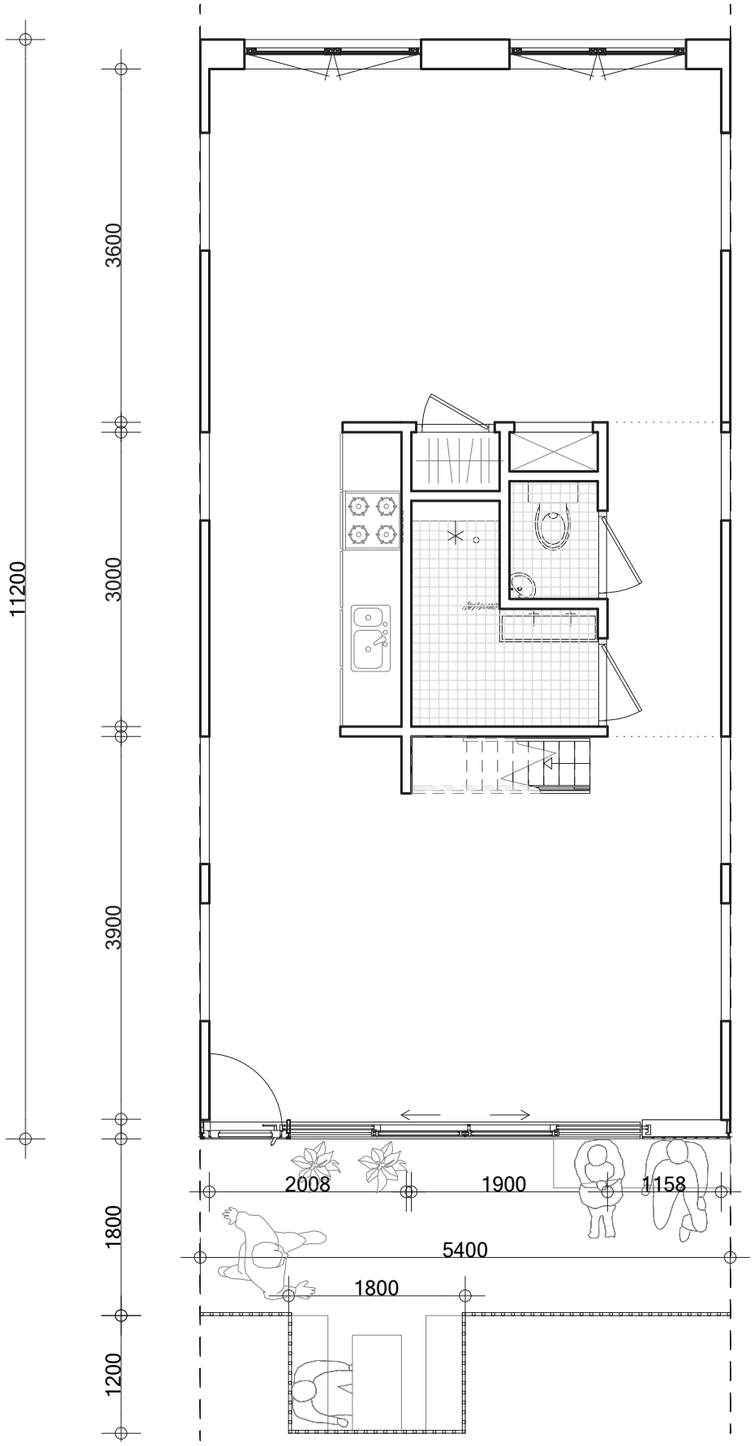
DWELLING CORE LAYOUT AND DIMENSIONS

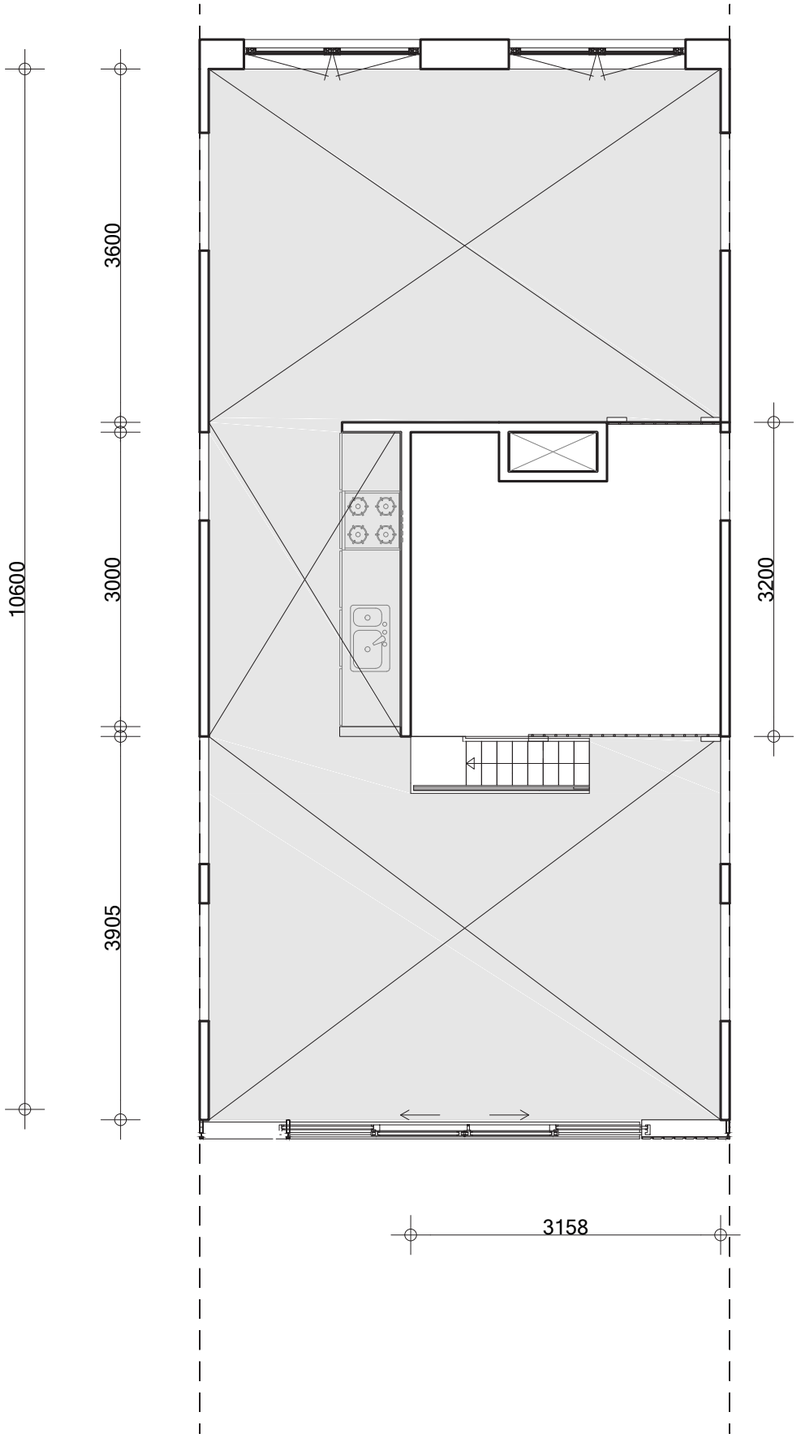


DWELLING CORE PLACEMENT

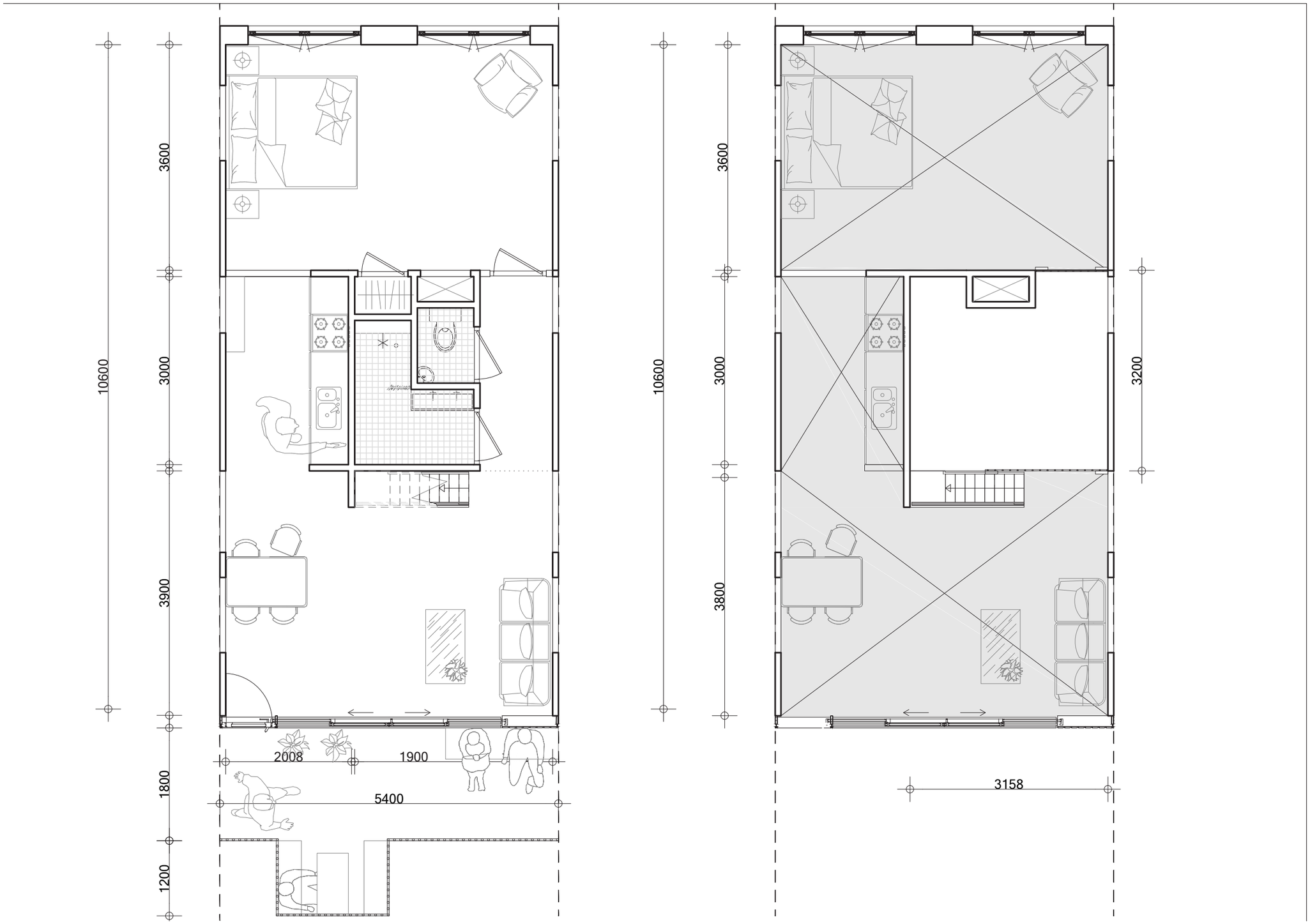

SHELL AND
CORE
PRINCIPLE
DWELLING TYPES
ADAPTABILITY
(DWELLING SIZE)
POLYVALENCE
(DWELLING USE)

LIVE-WORK LOFT APARTMENT

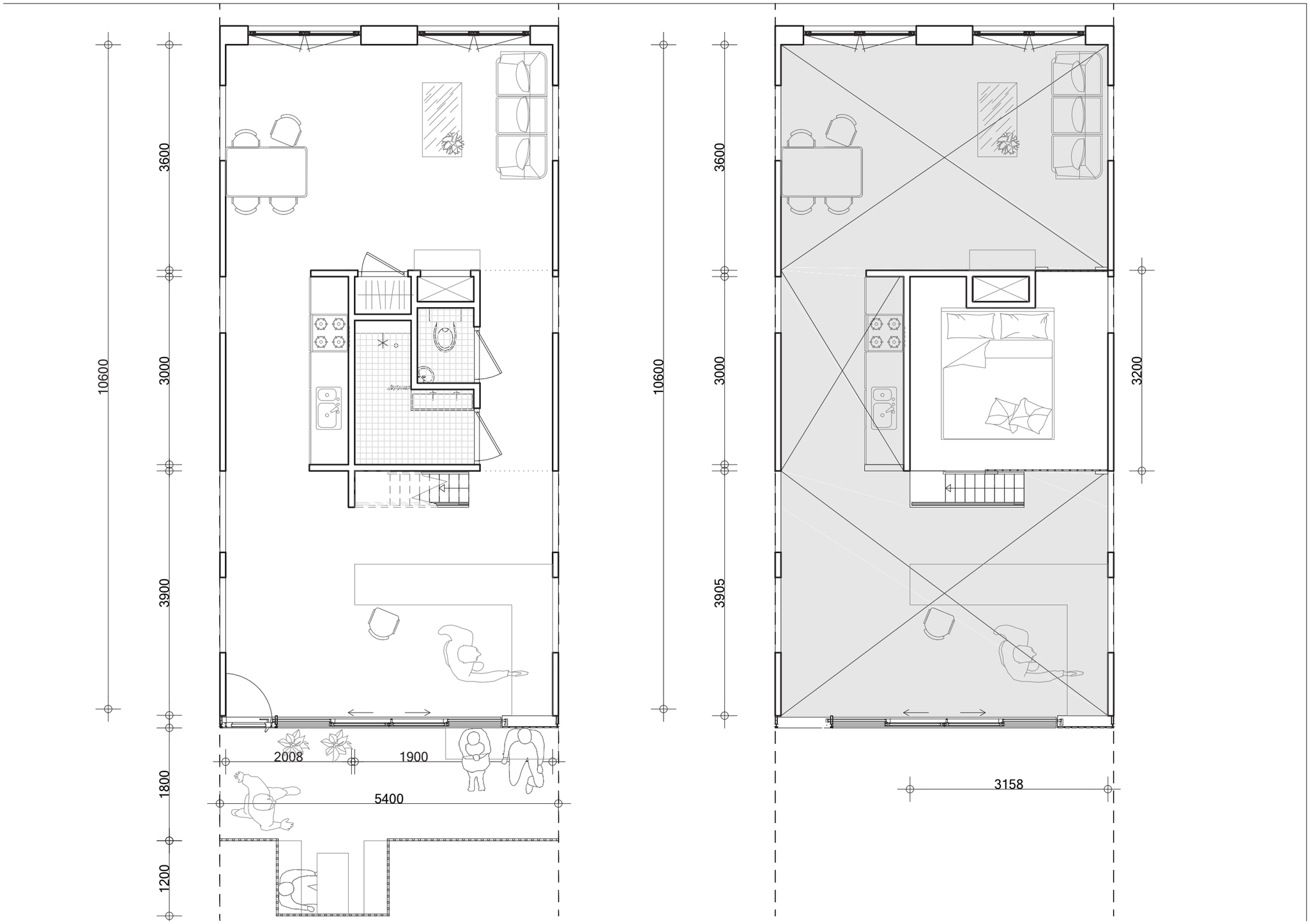




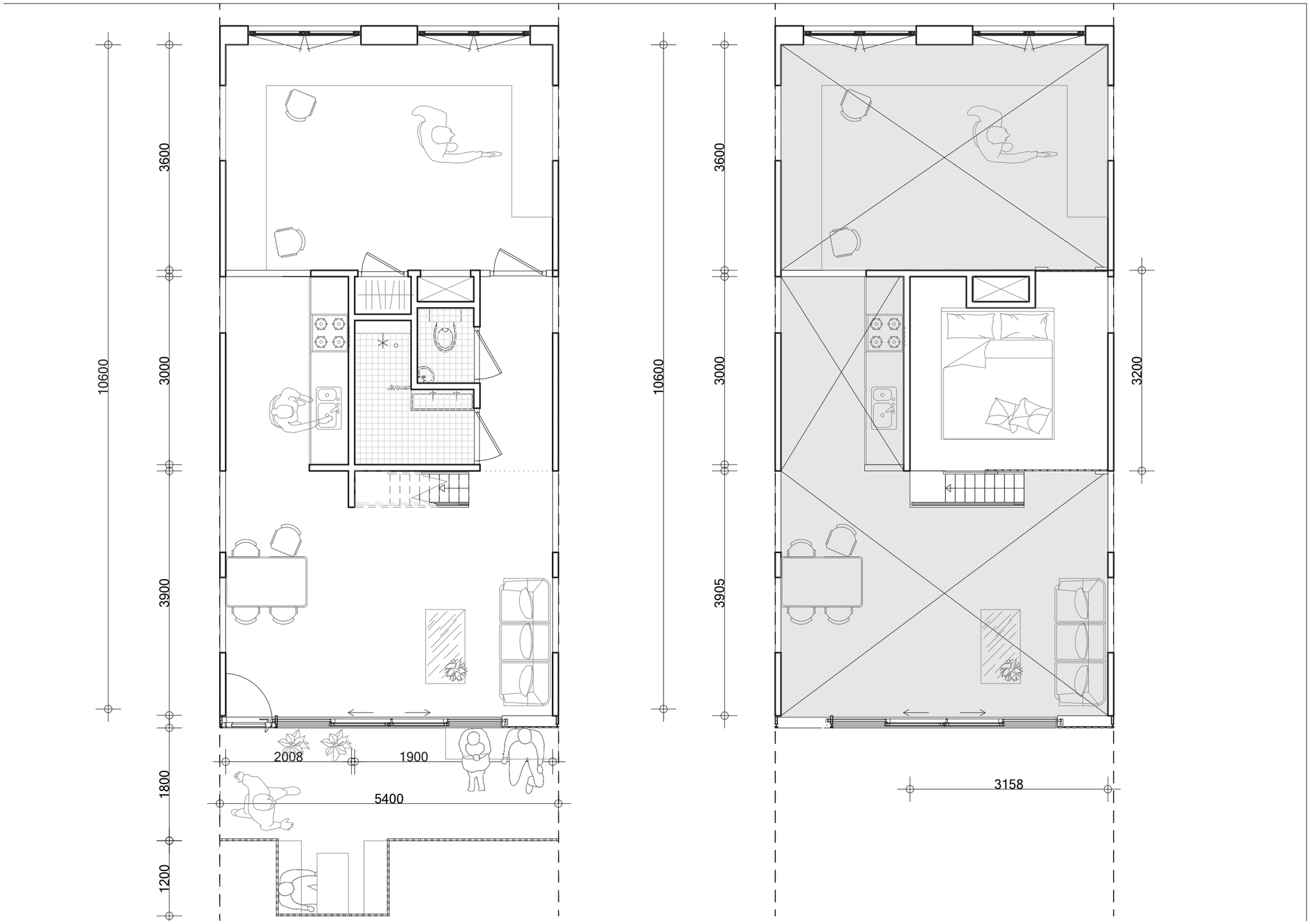
LIVE-WORK LOFT APARTMENT



LIVE-WORK LOFT APARTMENT



LIVE-WORK LOFT APARTMENT



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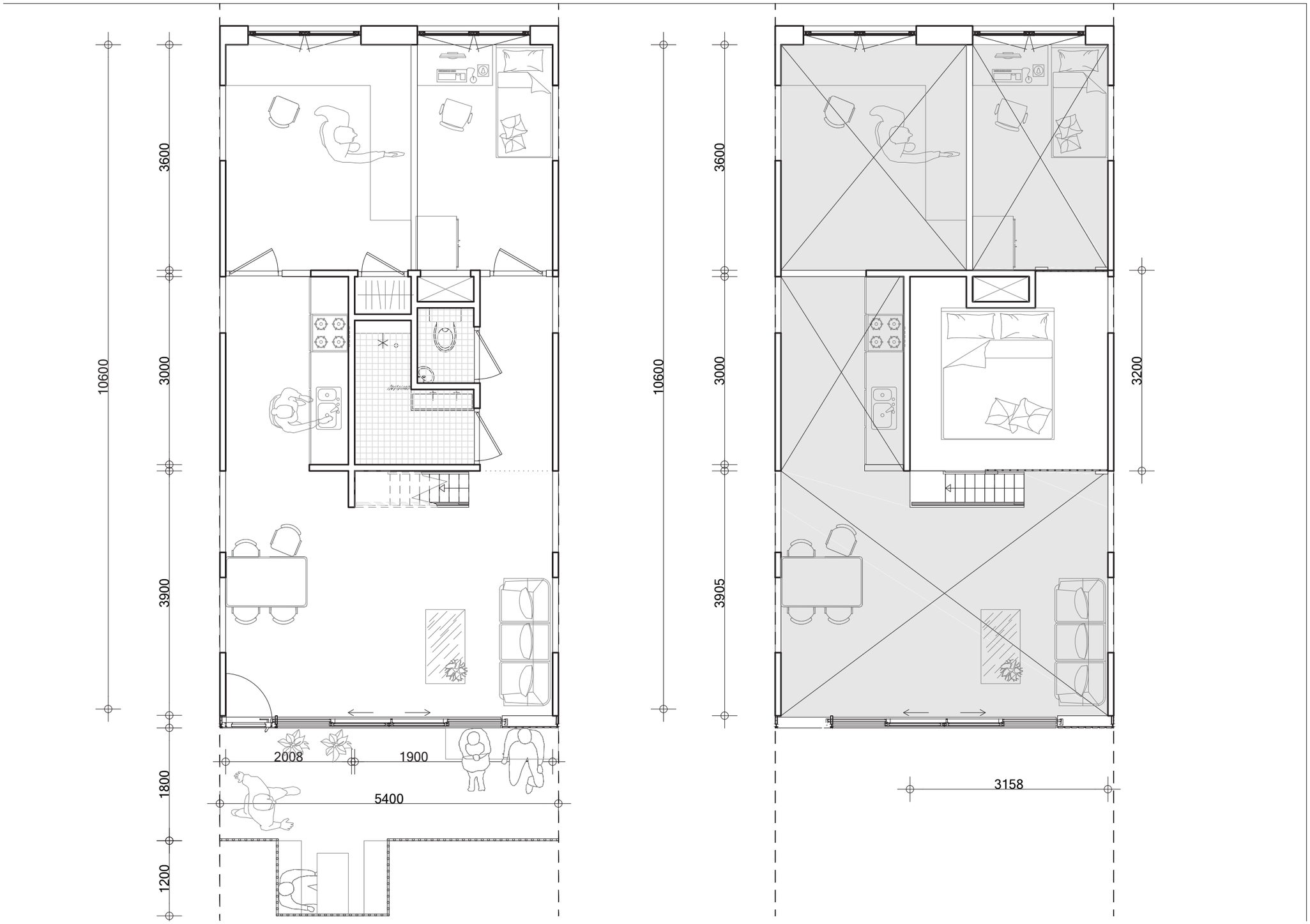

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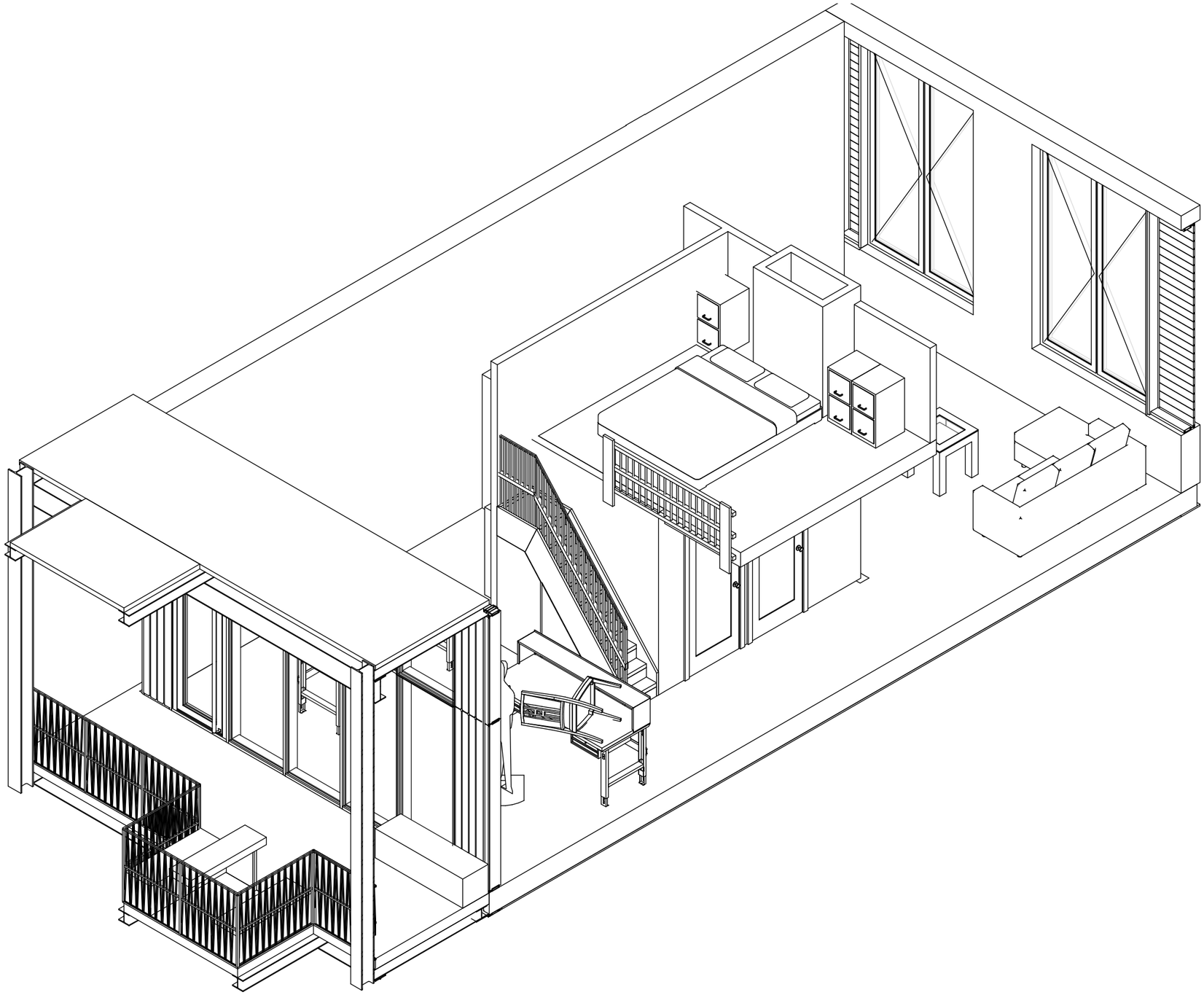

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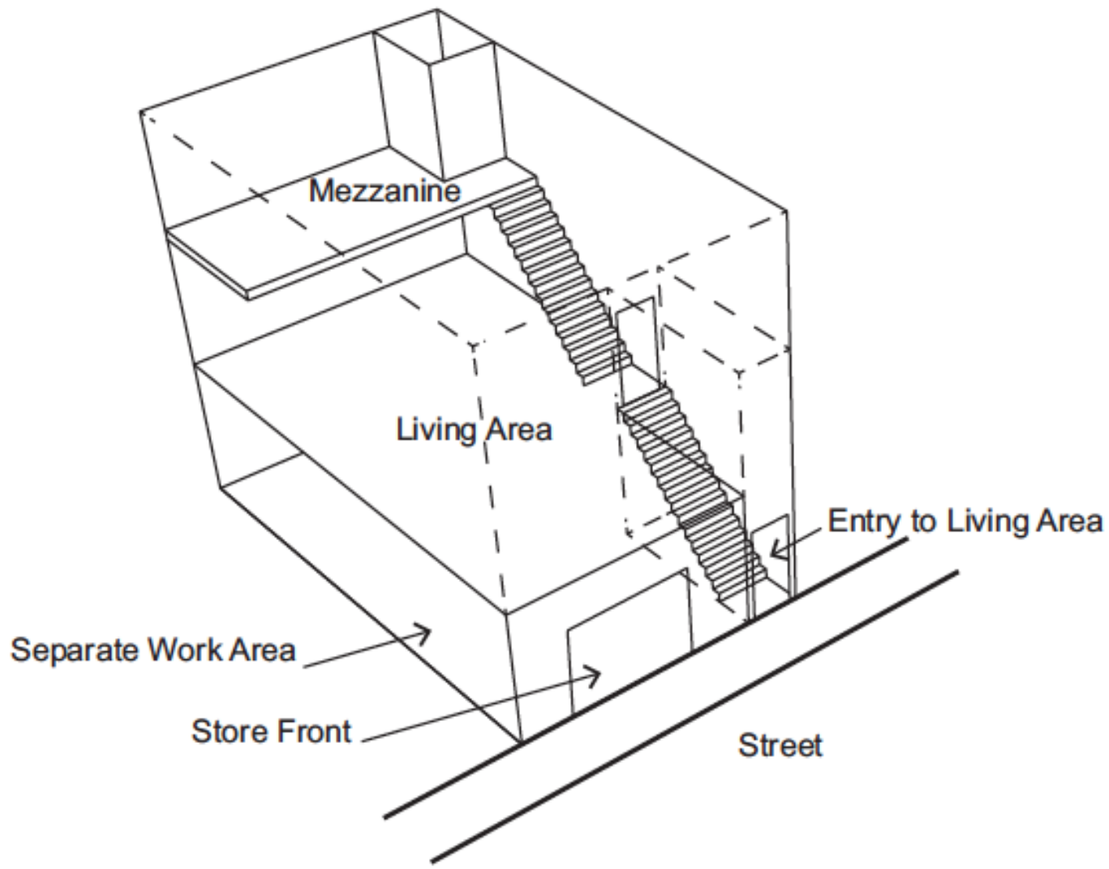
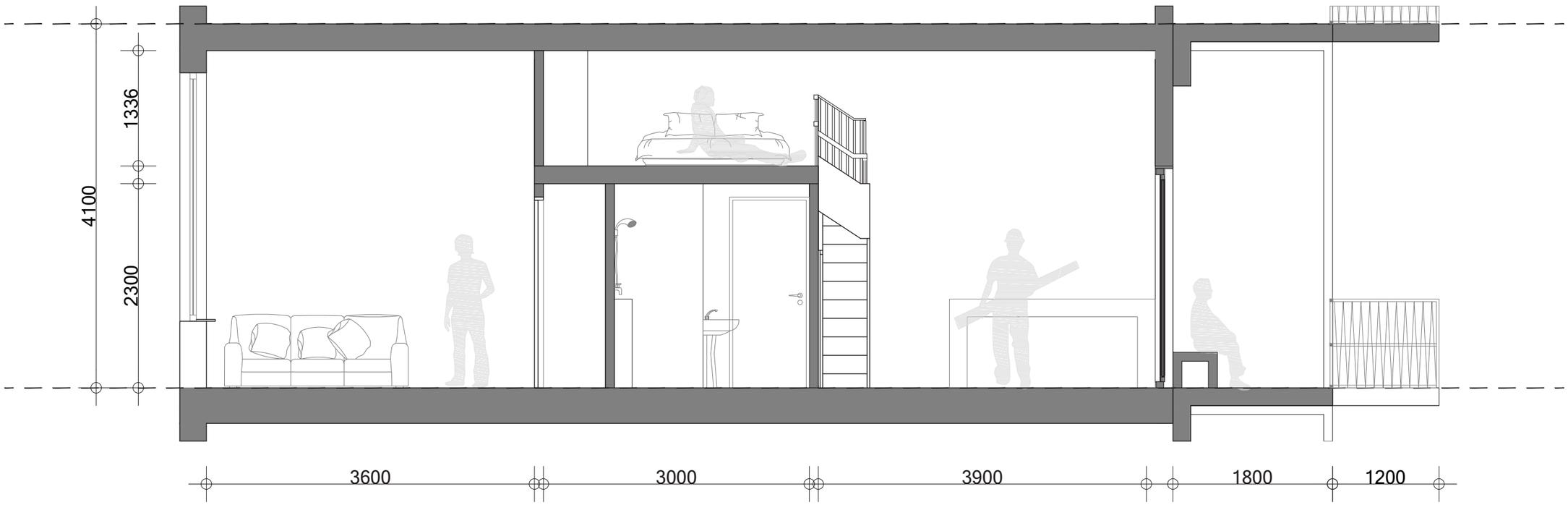
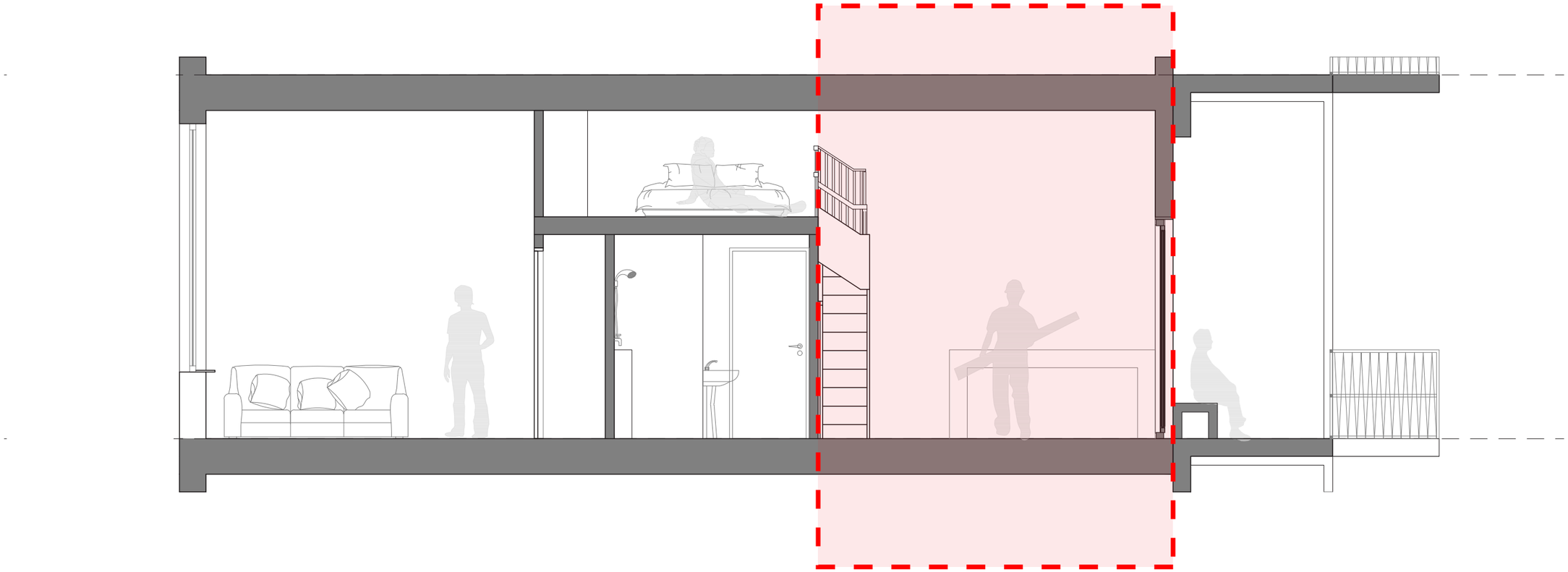


Figure 2-17 Diagram of a live-near proximity-type unit.

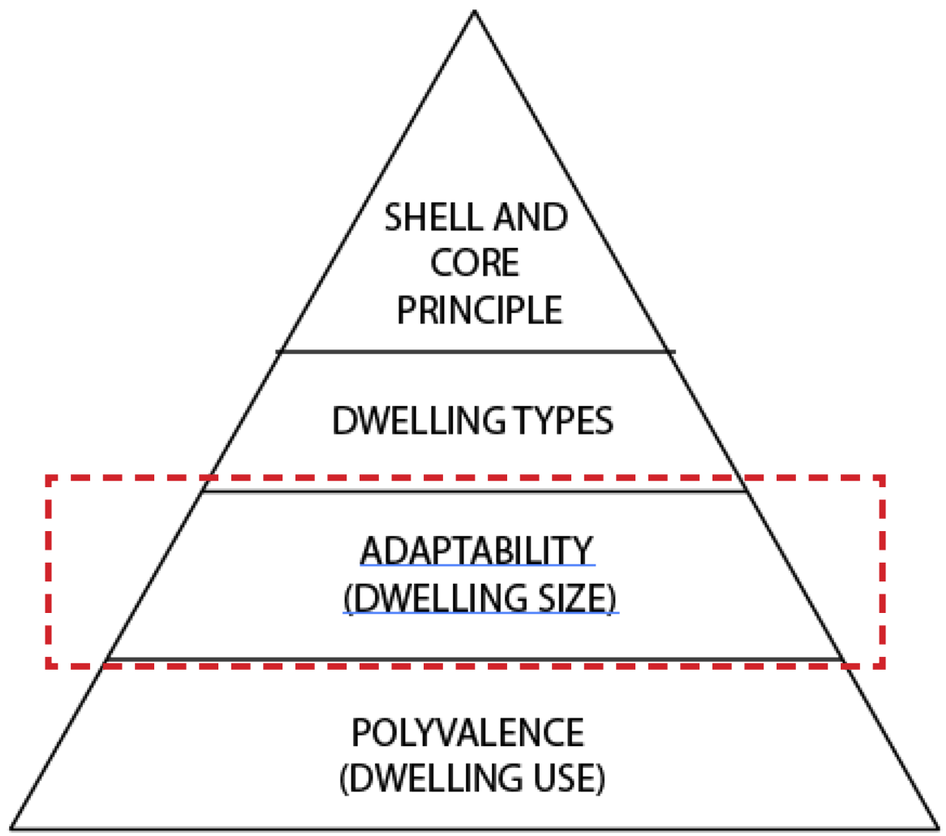
LIVE-WORK LOFT APARTMENT



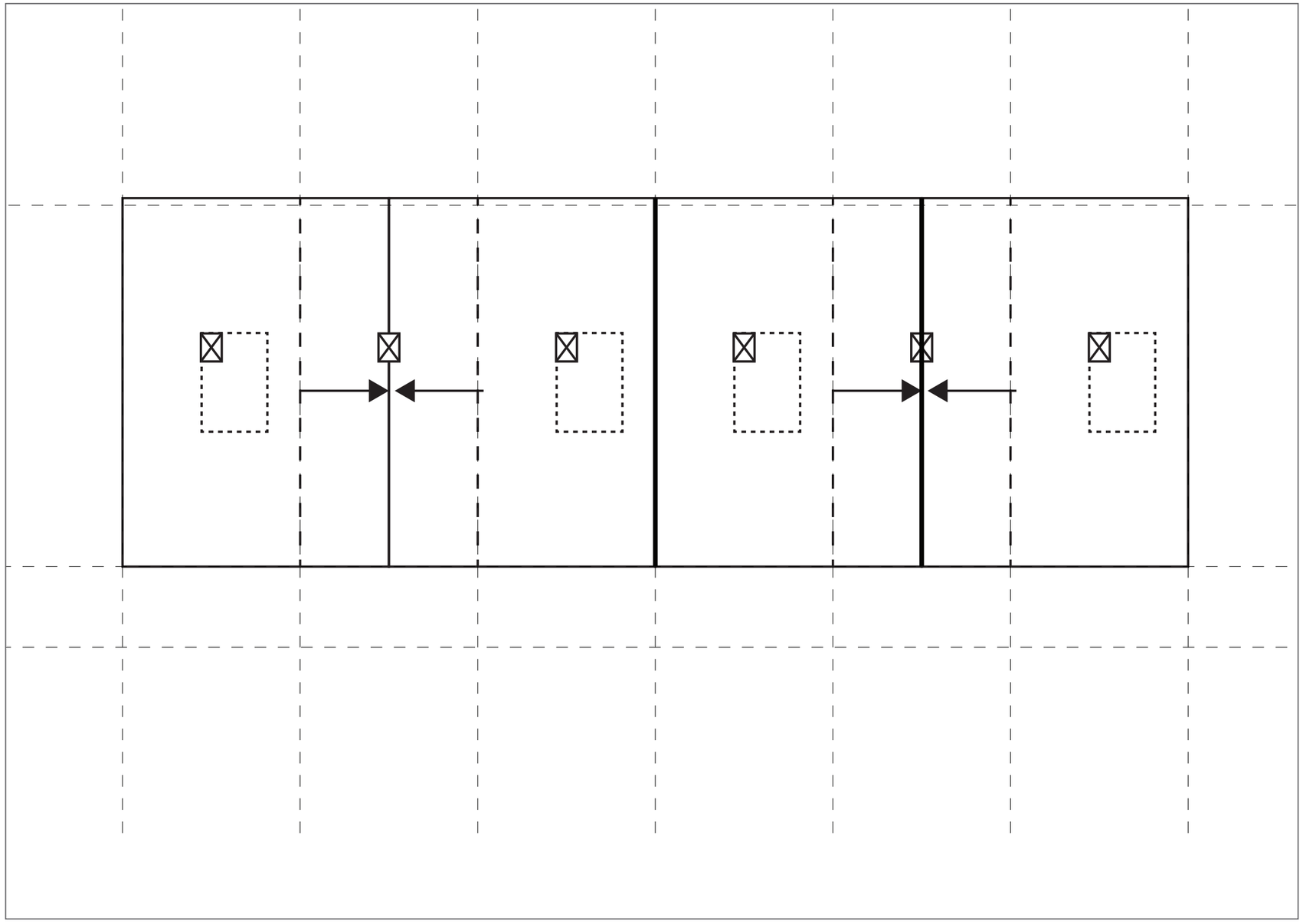
LIVE-WORK LOFT APARTMENT



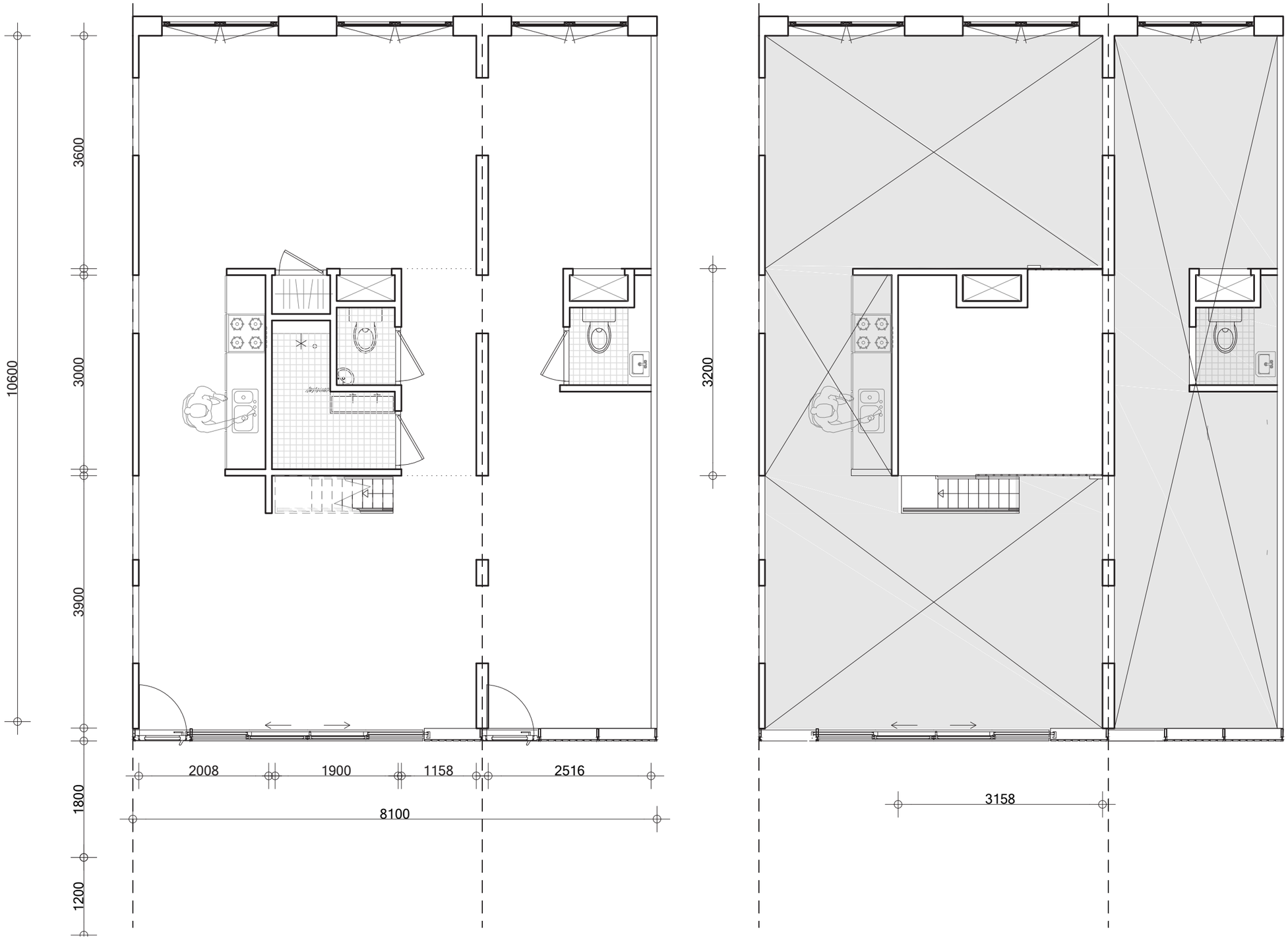
LIVE-WORK LOFT APARTMENT



FLEXIBILITY IN THE (RE)DESIGN PHASE



LIVE-WORK LOFT APARTMENT



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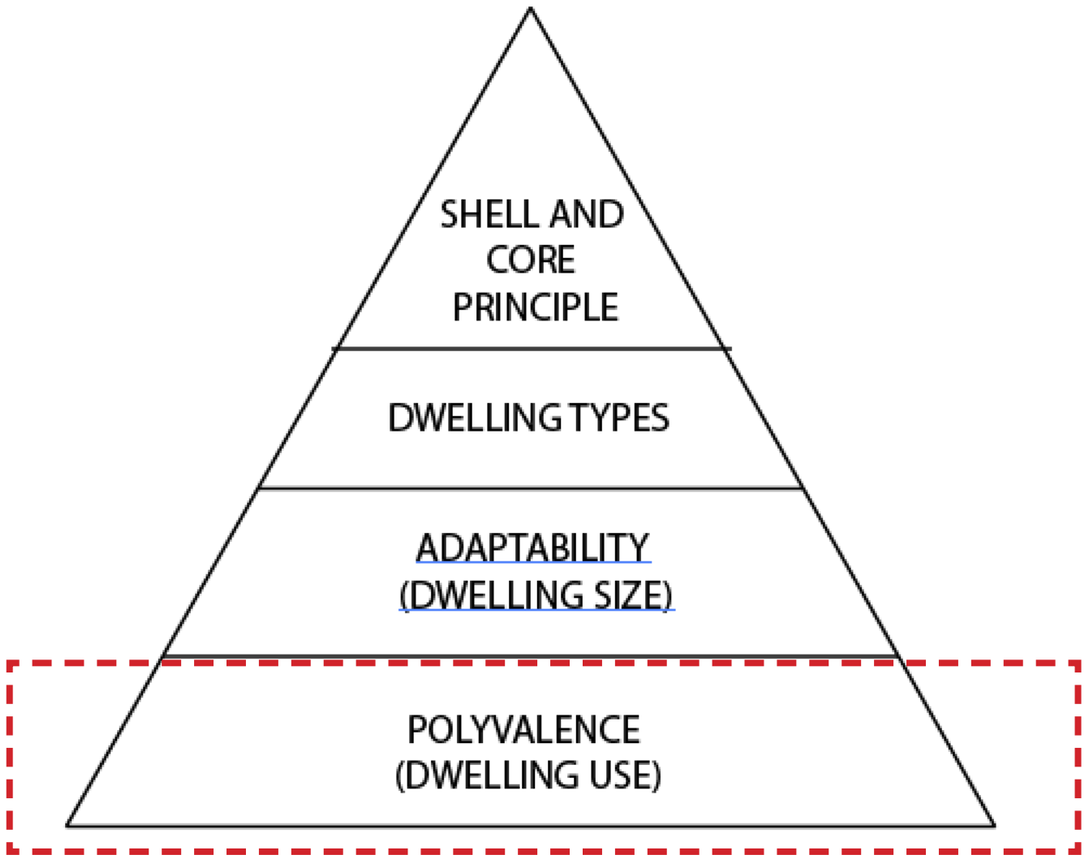
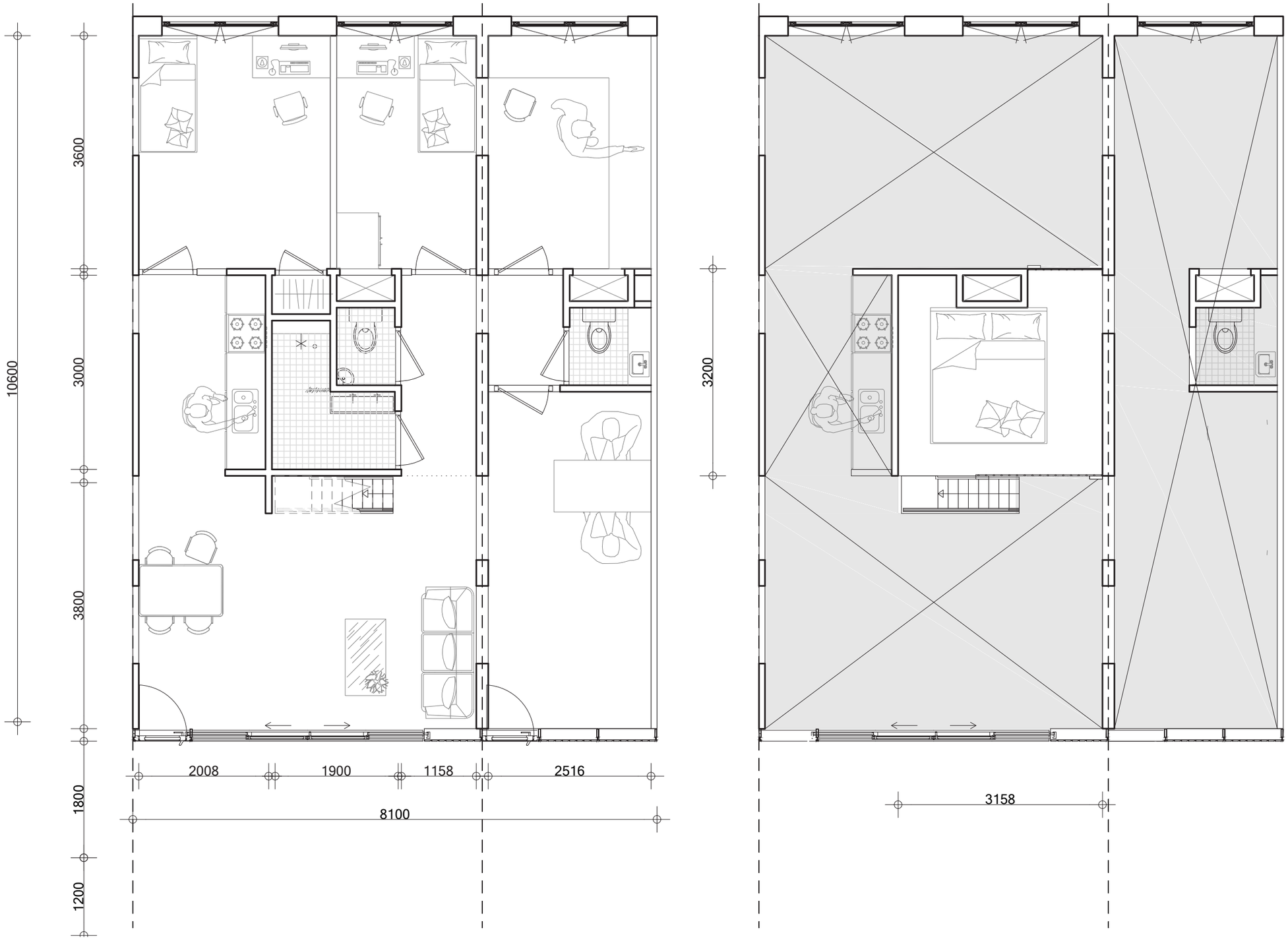


LIVE-WORK LOFT APARTMENT



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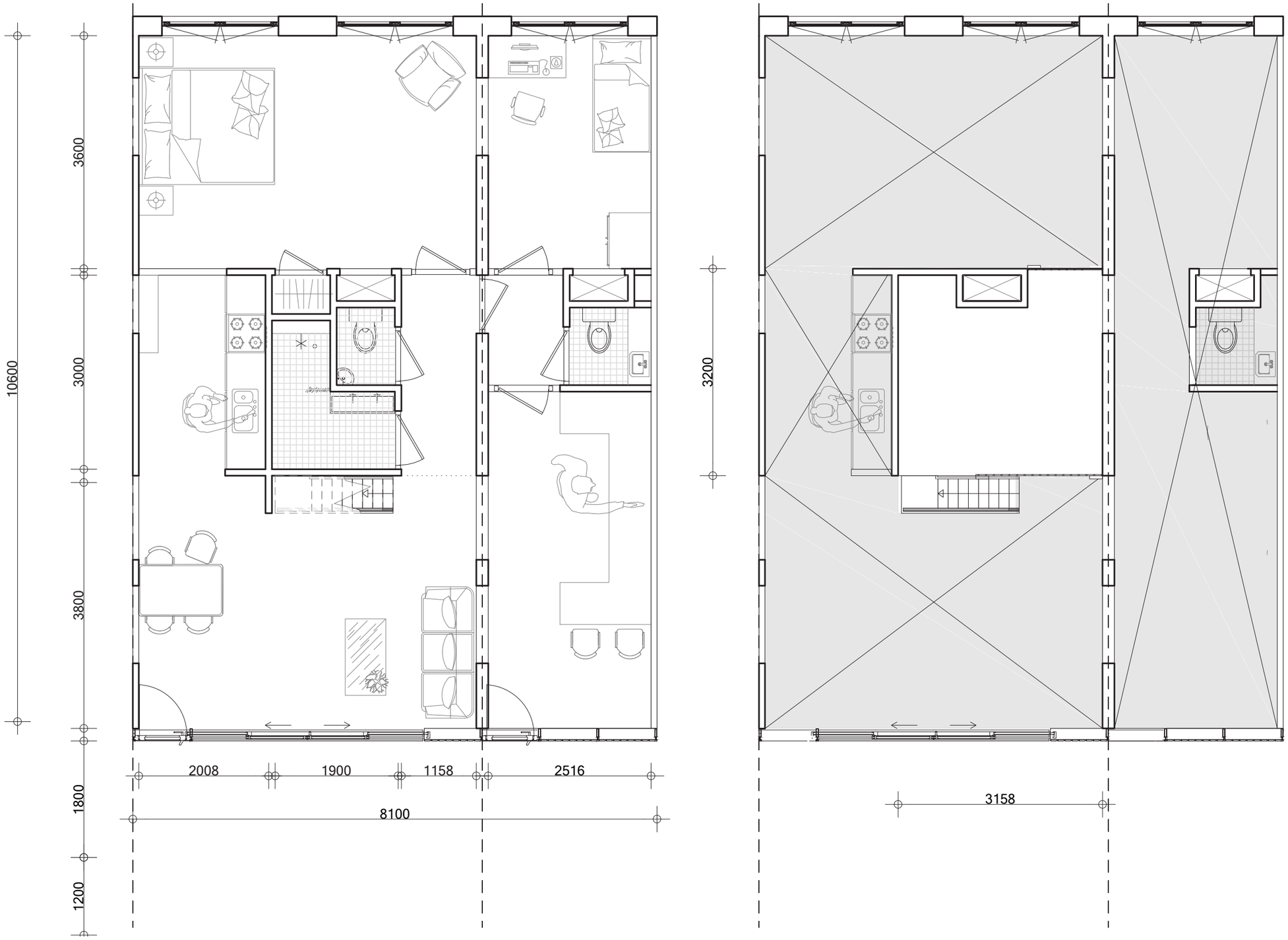

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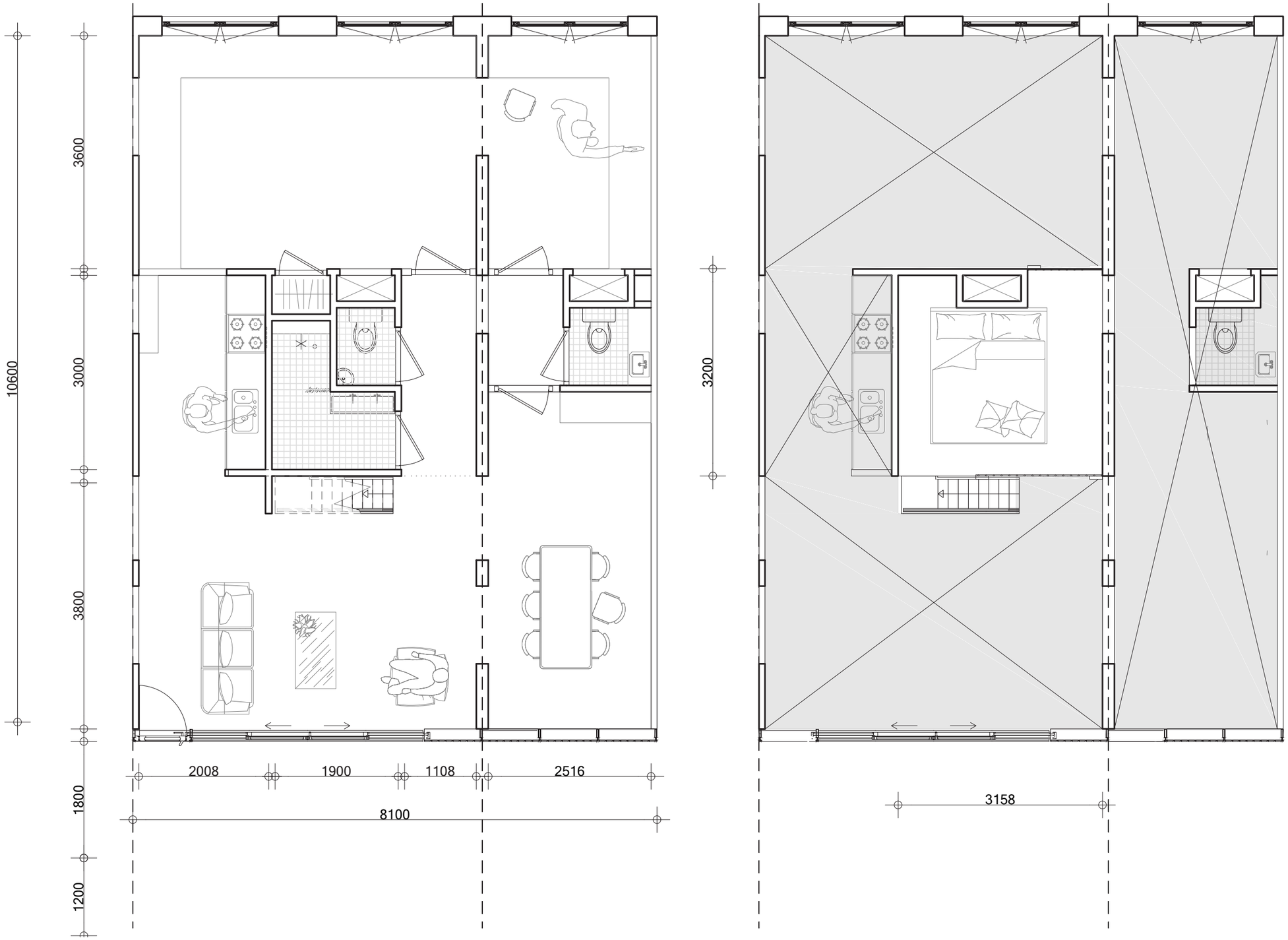
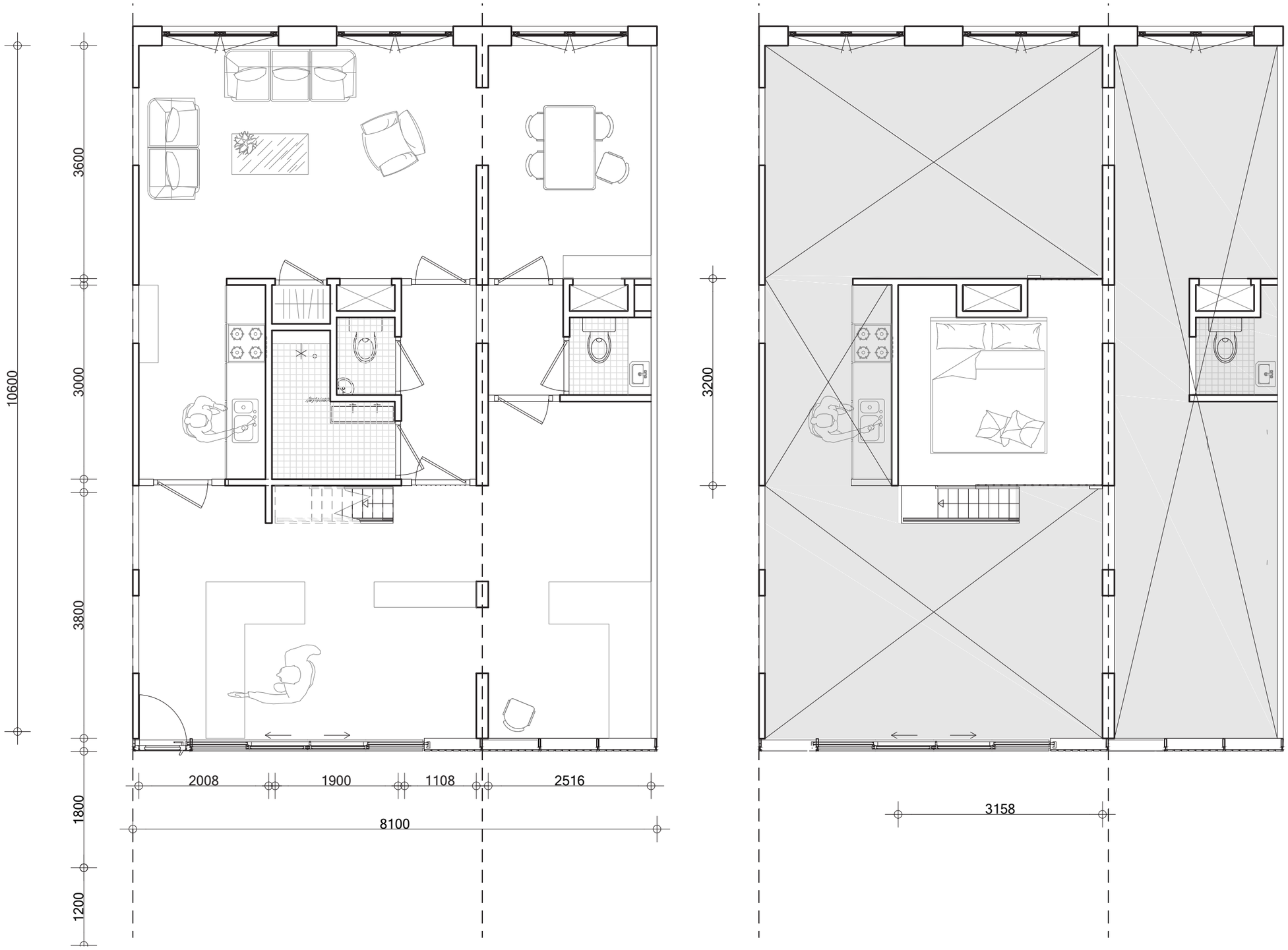
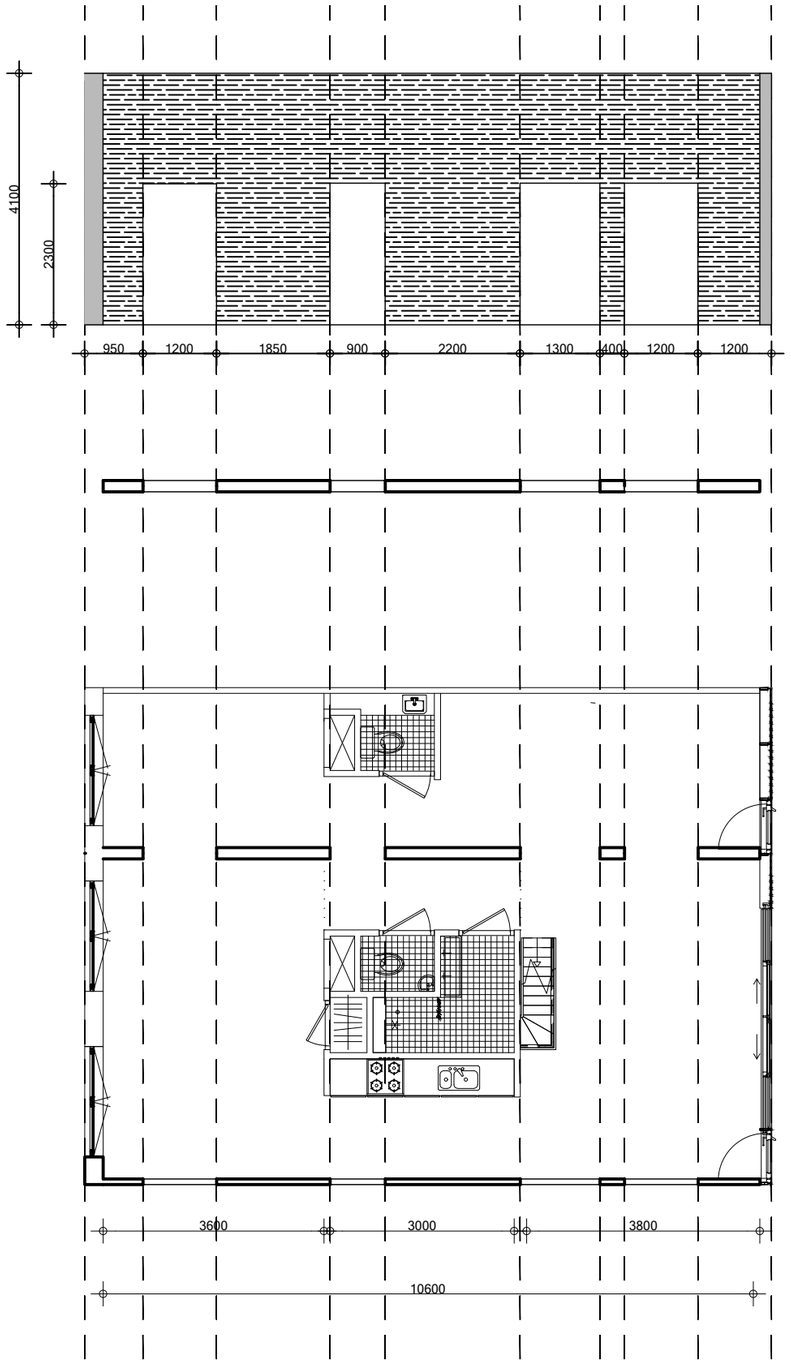


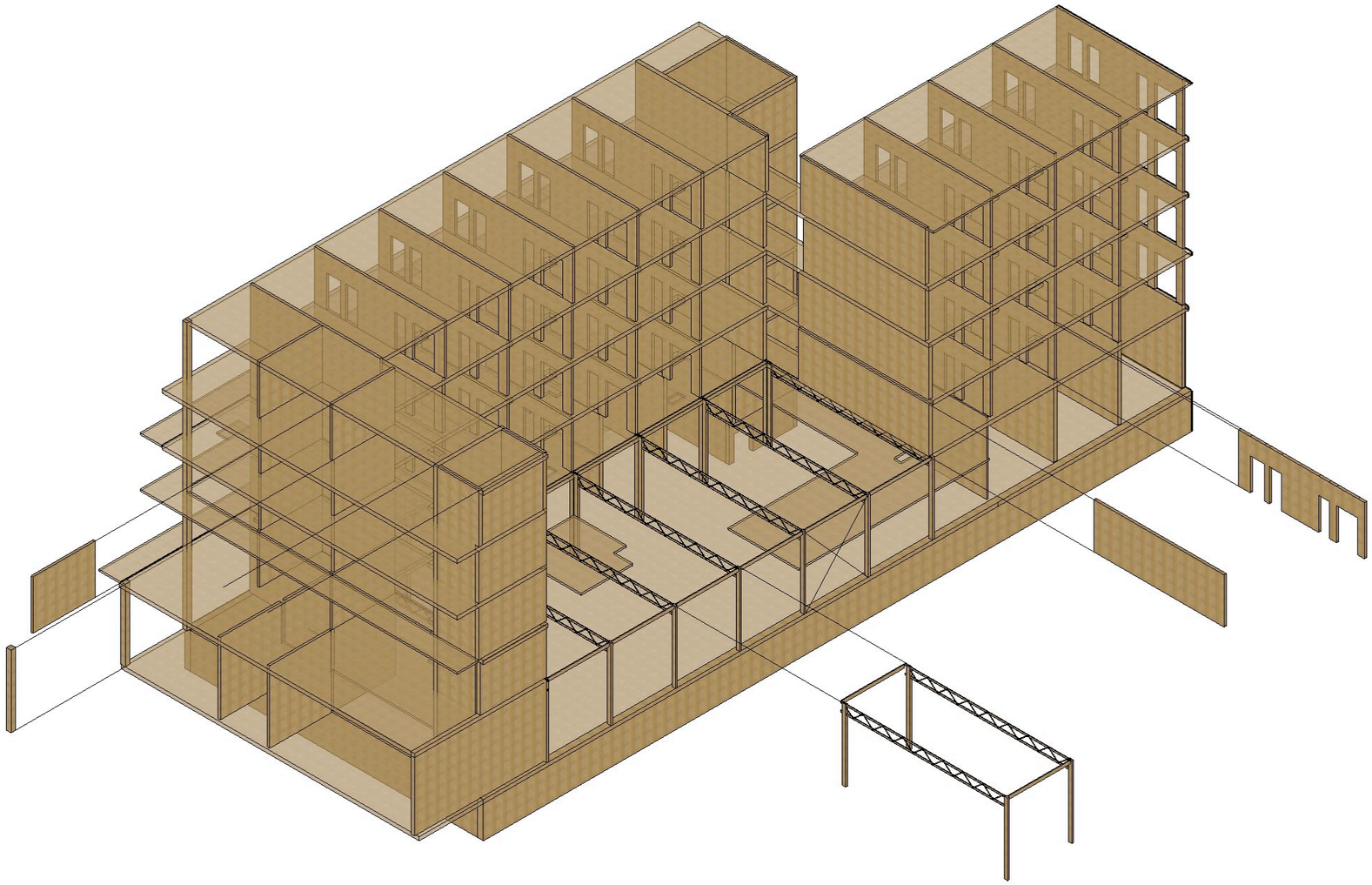
LIVE-WORK LOFT APARTMENT



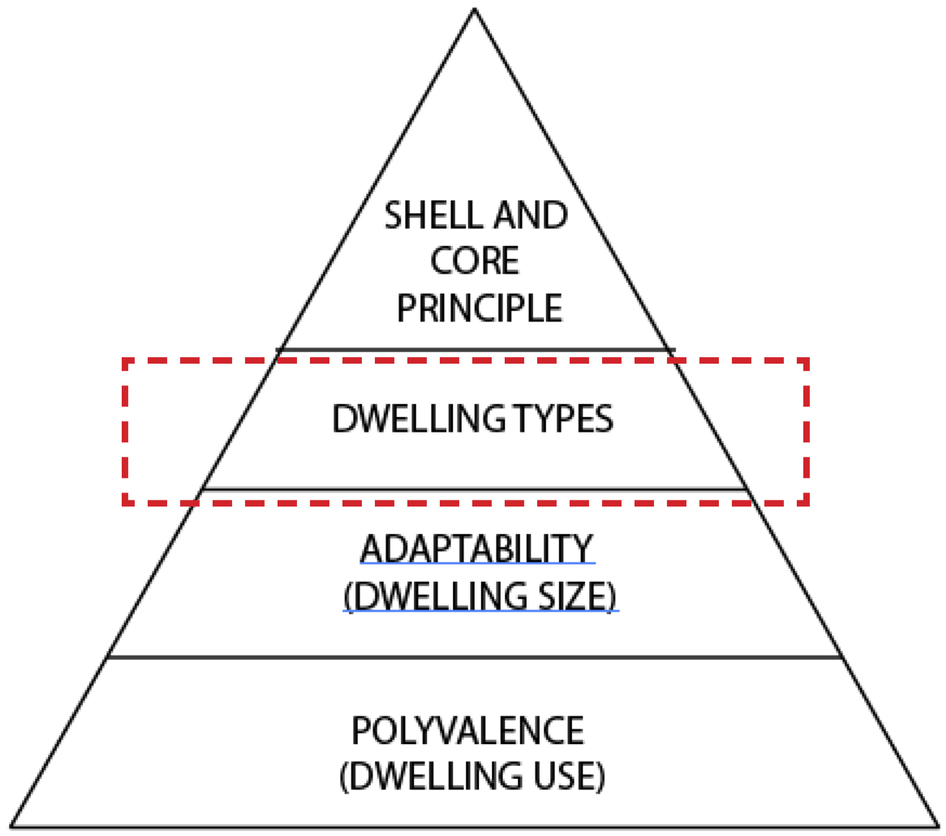
FLEXIBLE WALL



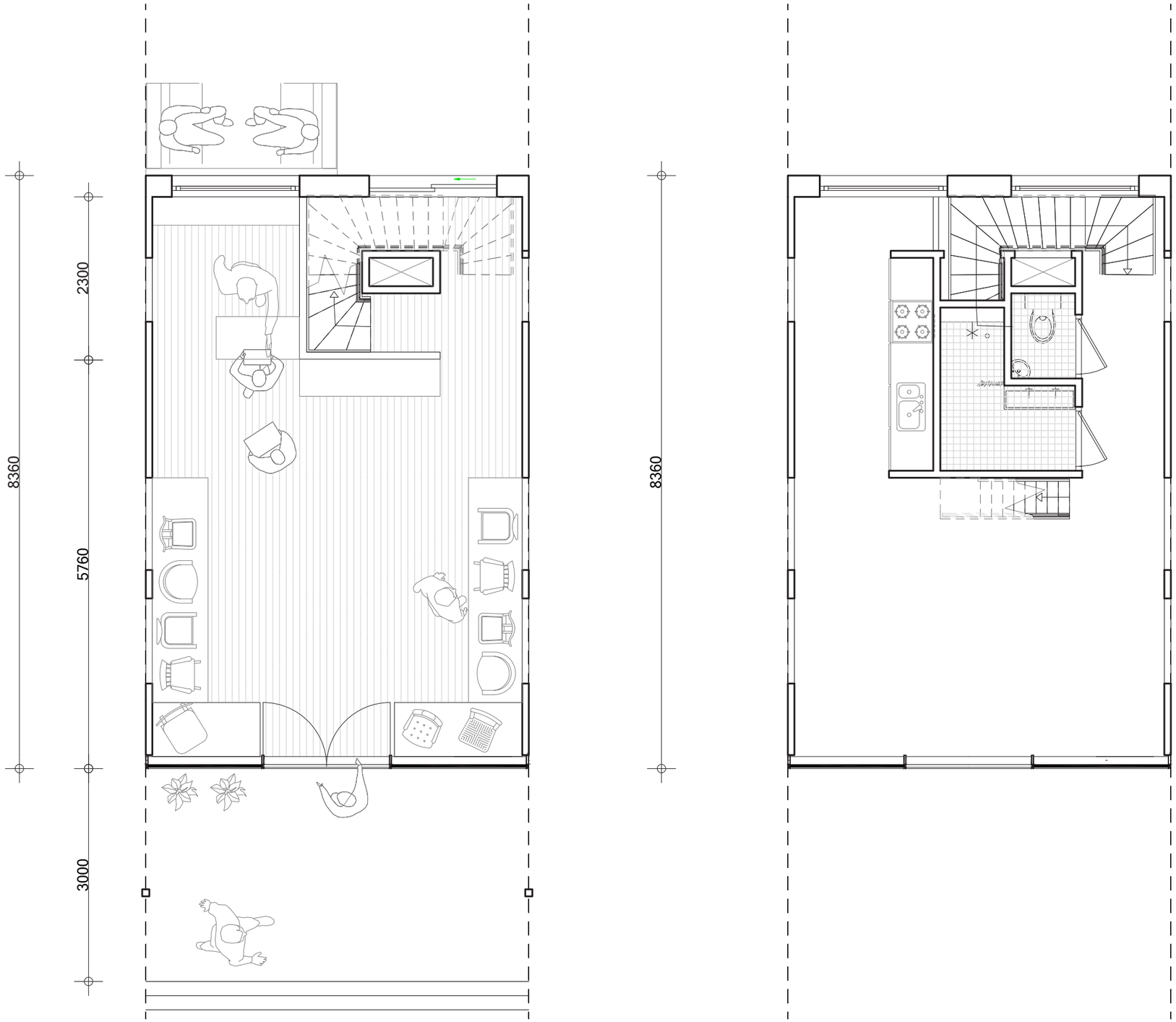
FLEXIBLE WALL AND LOADBEARING STRUCTURE



SHOPHOUSE


SHELL AND
CORE
PRINCIPLE
DWELLING TYPES
ADAPTABILITY
(DWELLING SIZE)
POLYVALENCE
(DWELLING USE)

SHOPHOUSE



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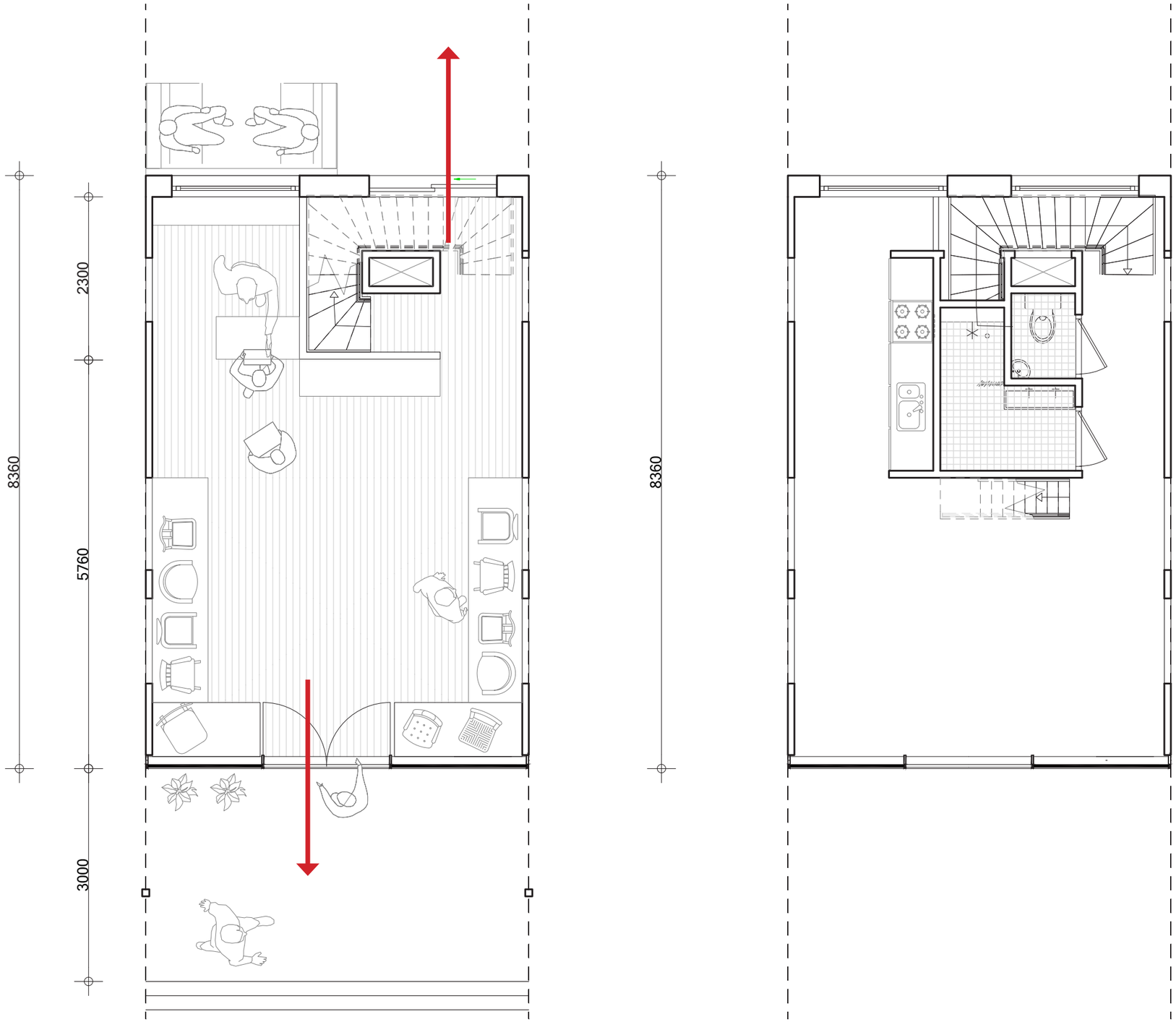

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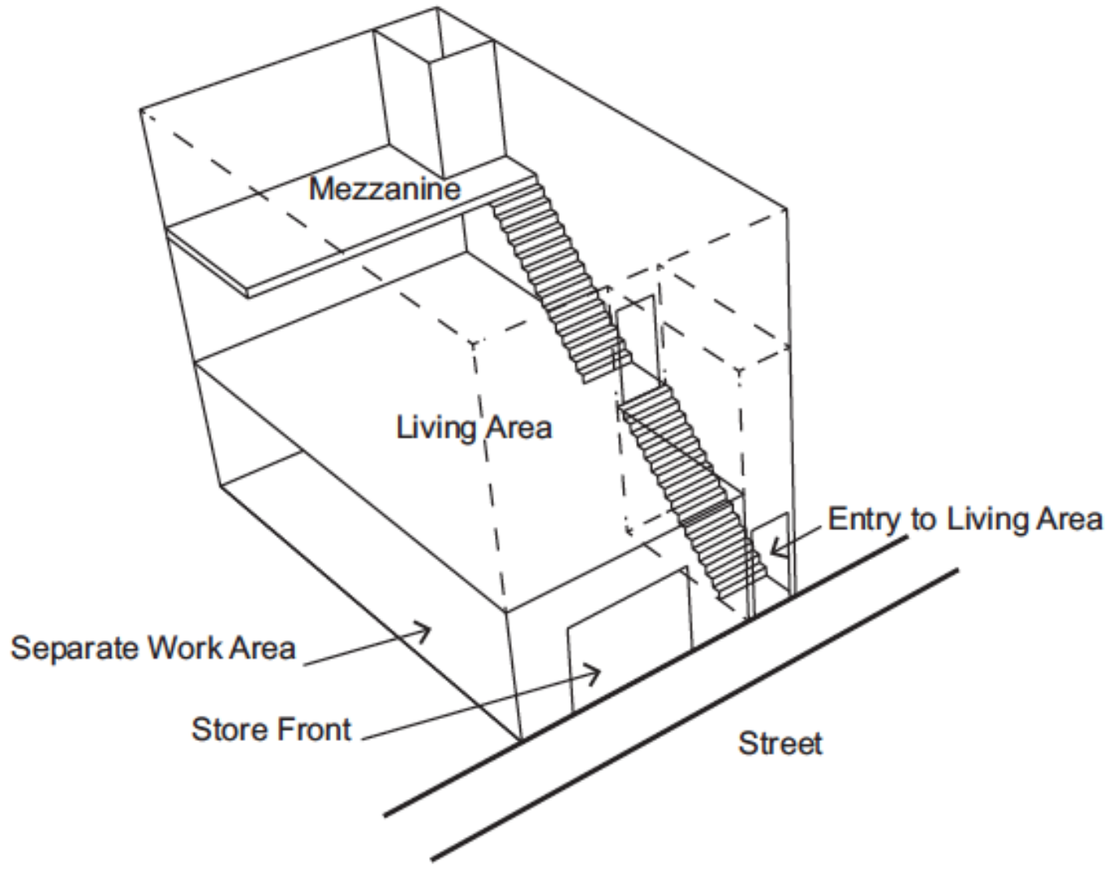
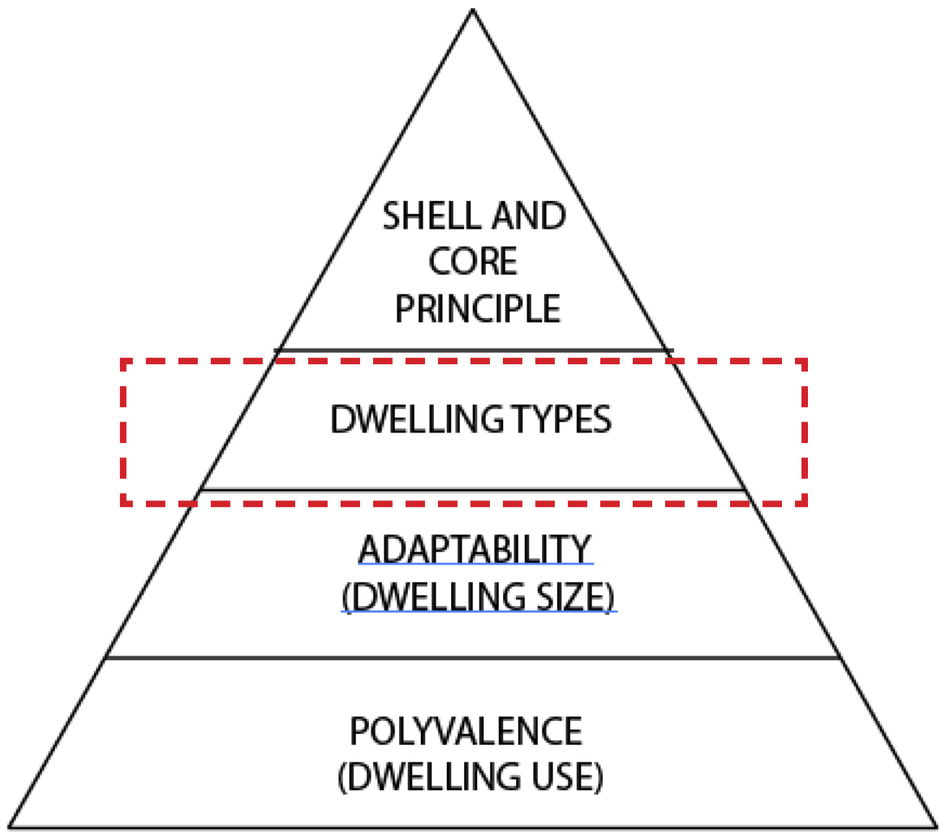
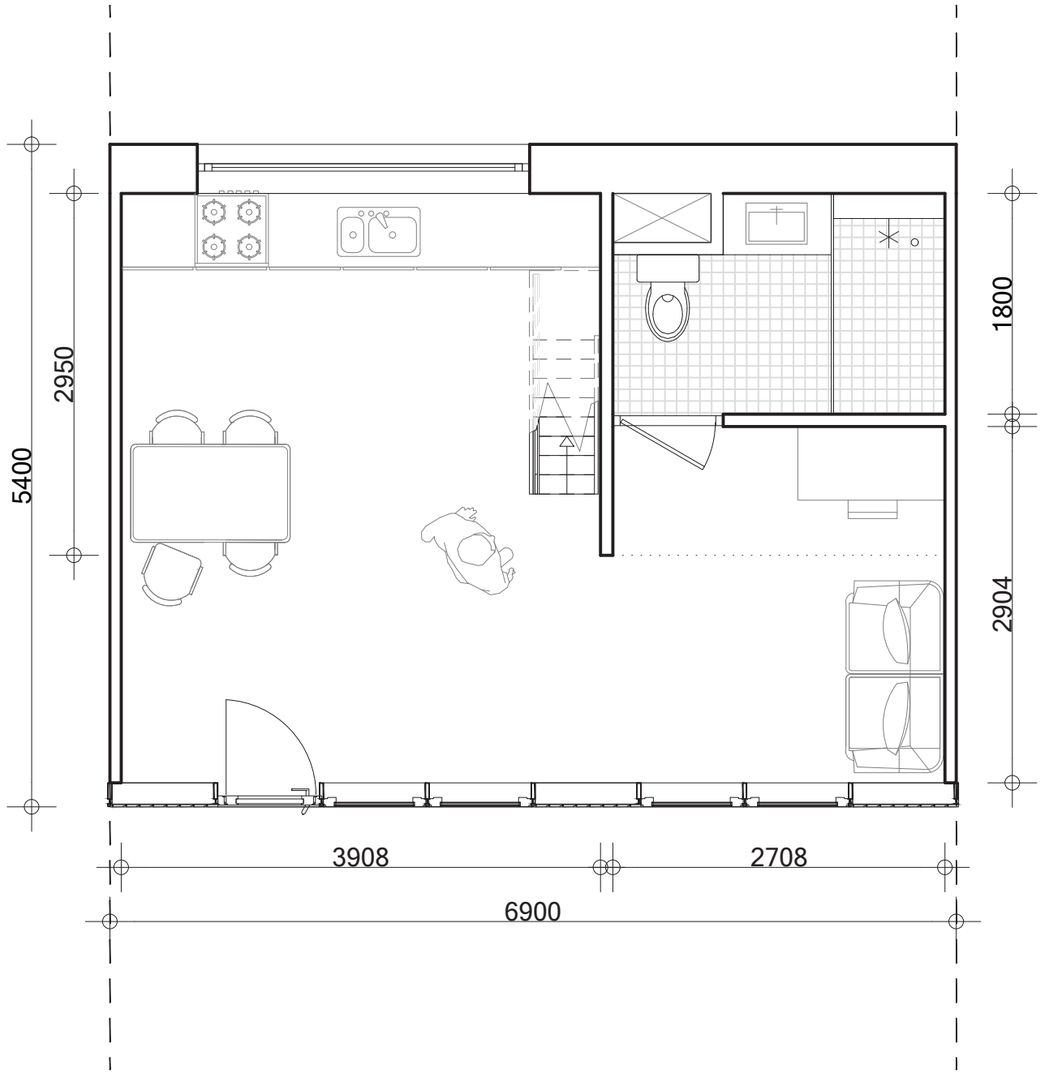


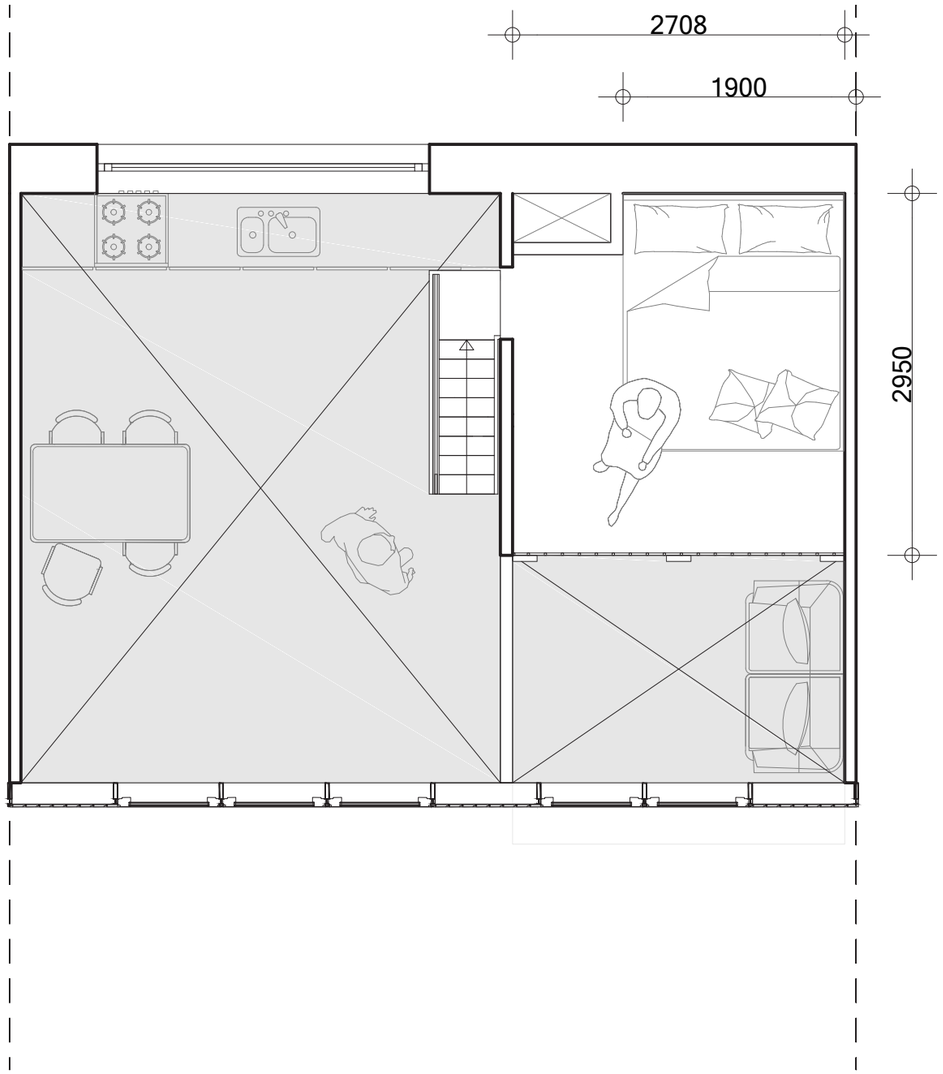
Figure 2-17 Diagram of a live-near proximity-type unit.

LOFT STUDIO


SHELL AND
CORE
PRINCIPLE
DWELLING TYPES
ADAPTABILITY
(DWELLING SIZE)
POLYVALENCE
(DWELLING USE)

LOFT STUDIO





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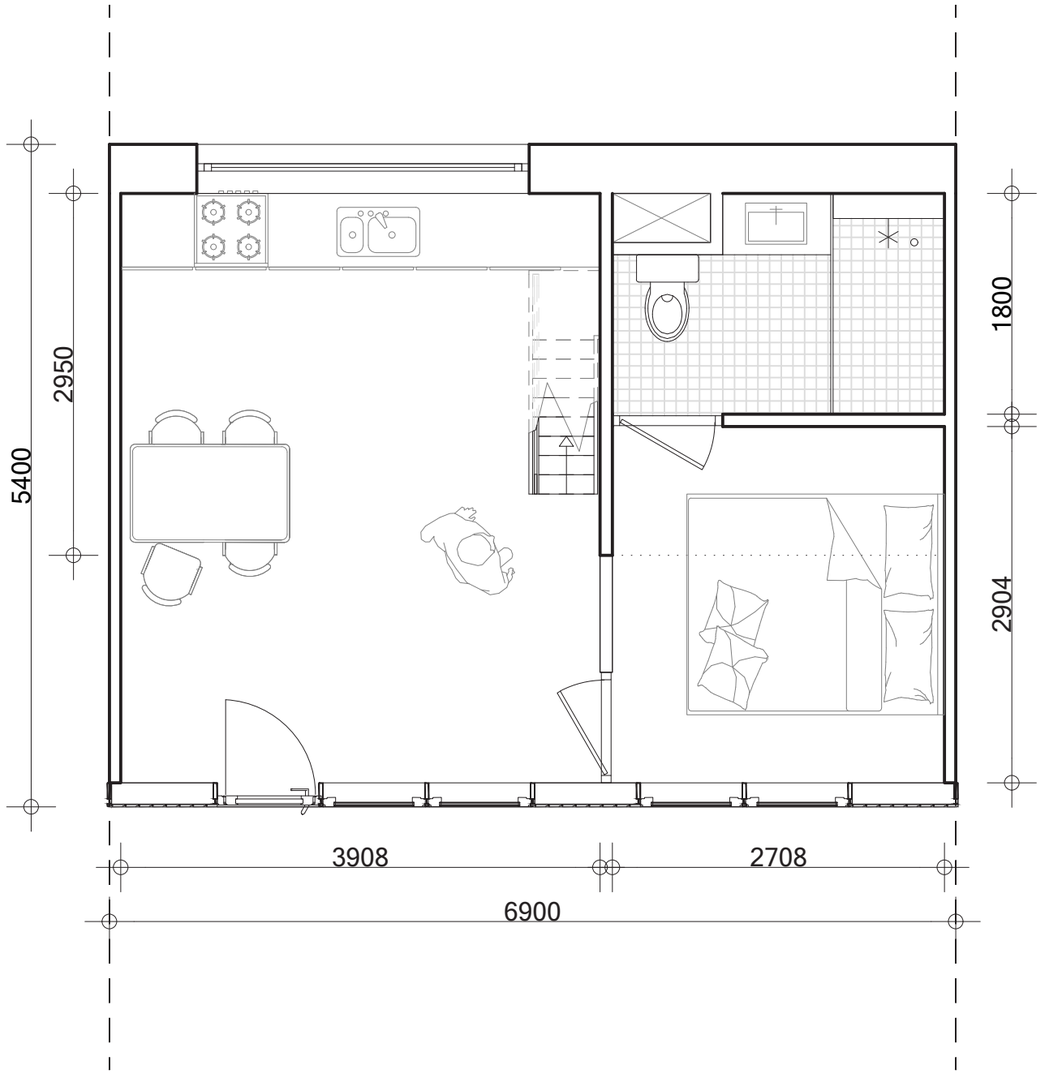

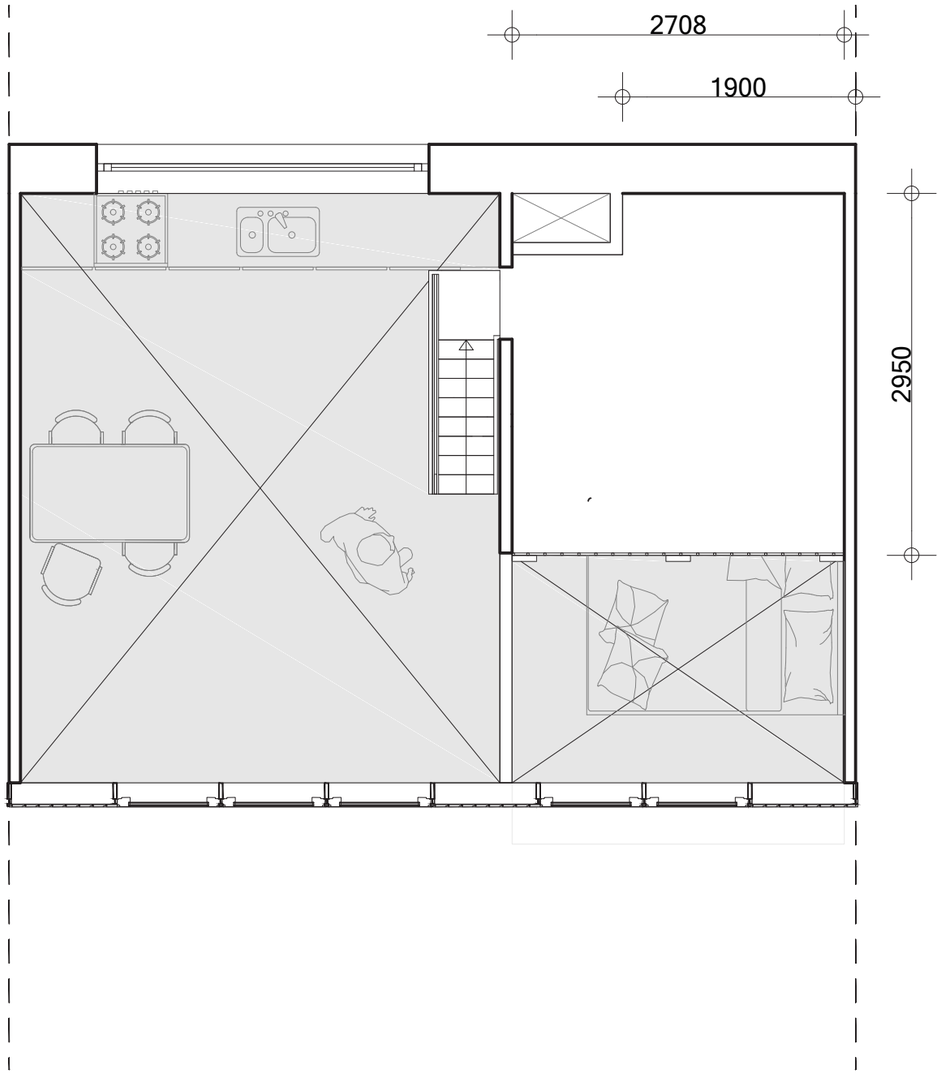

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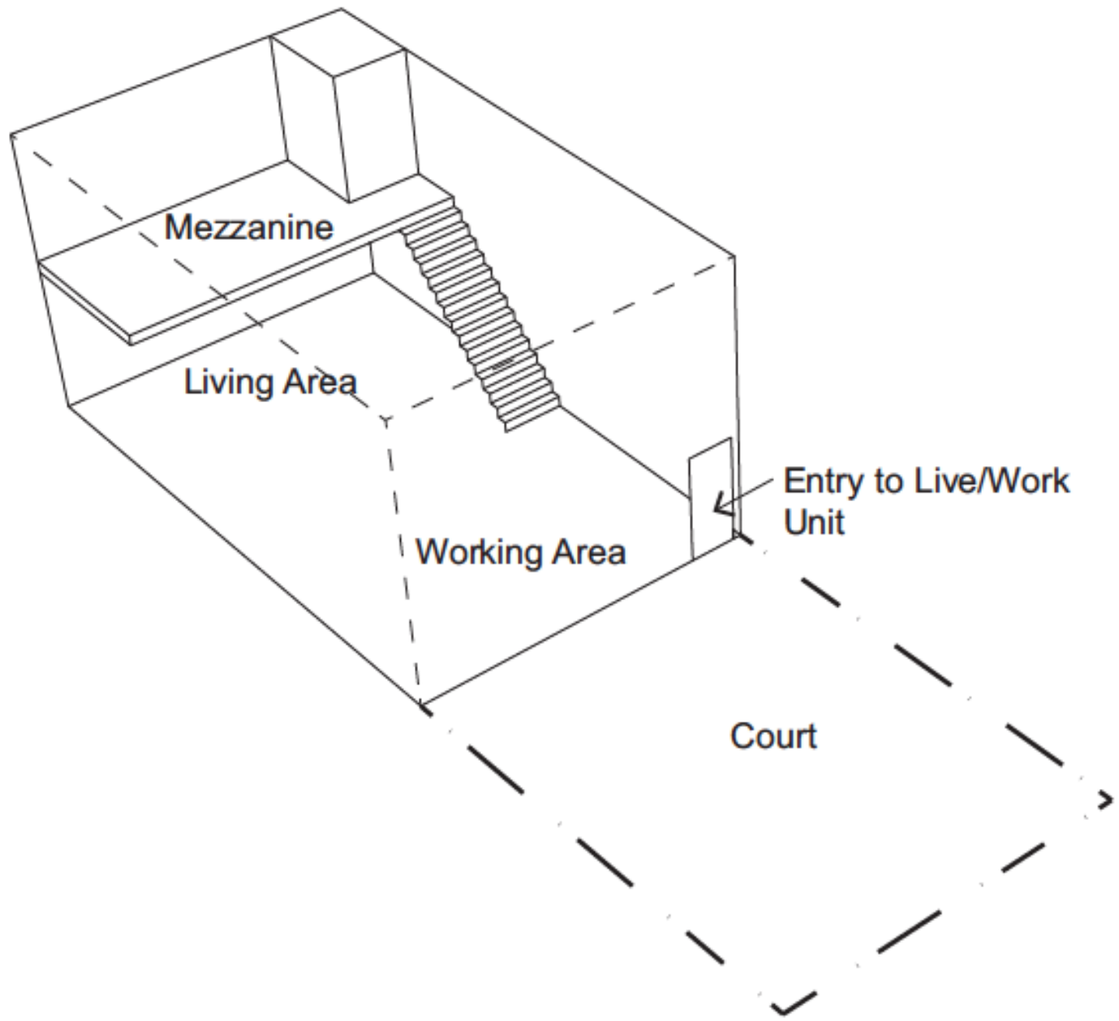
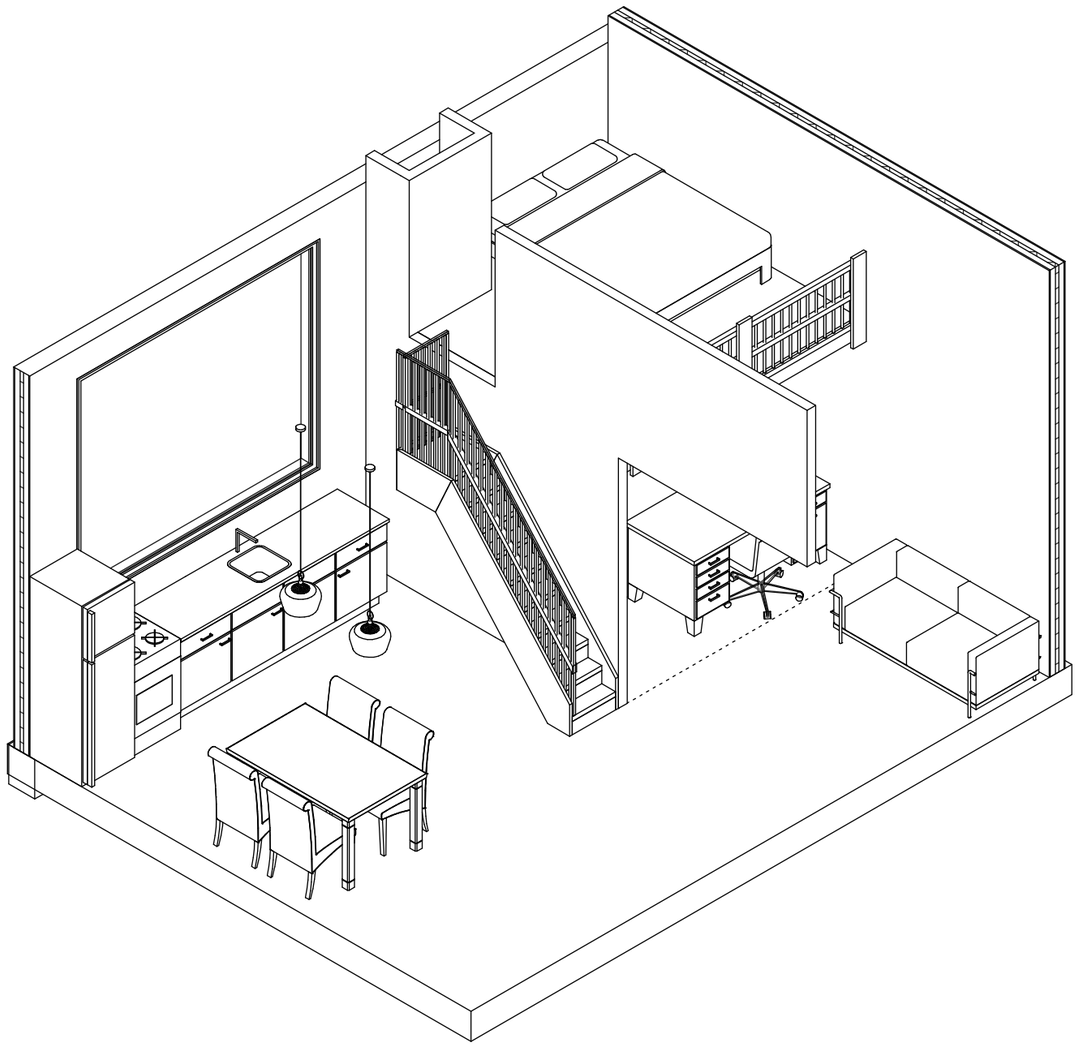


Figure 2-15 Diagram of a live-with proximity-type unit.

LOFT STUDIO



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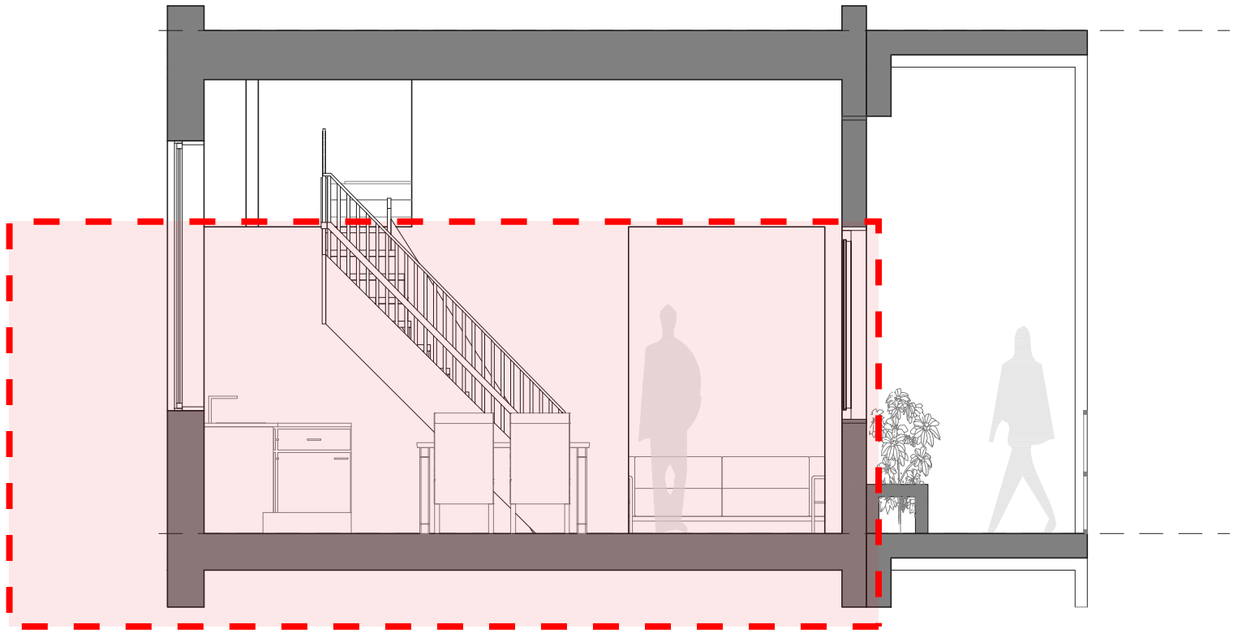

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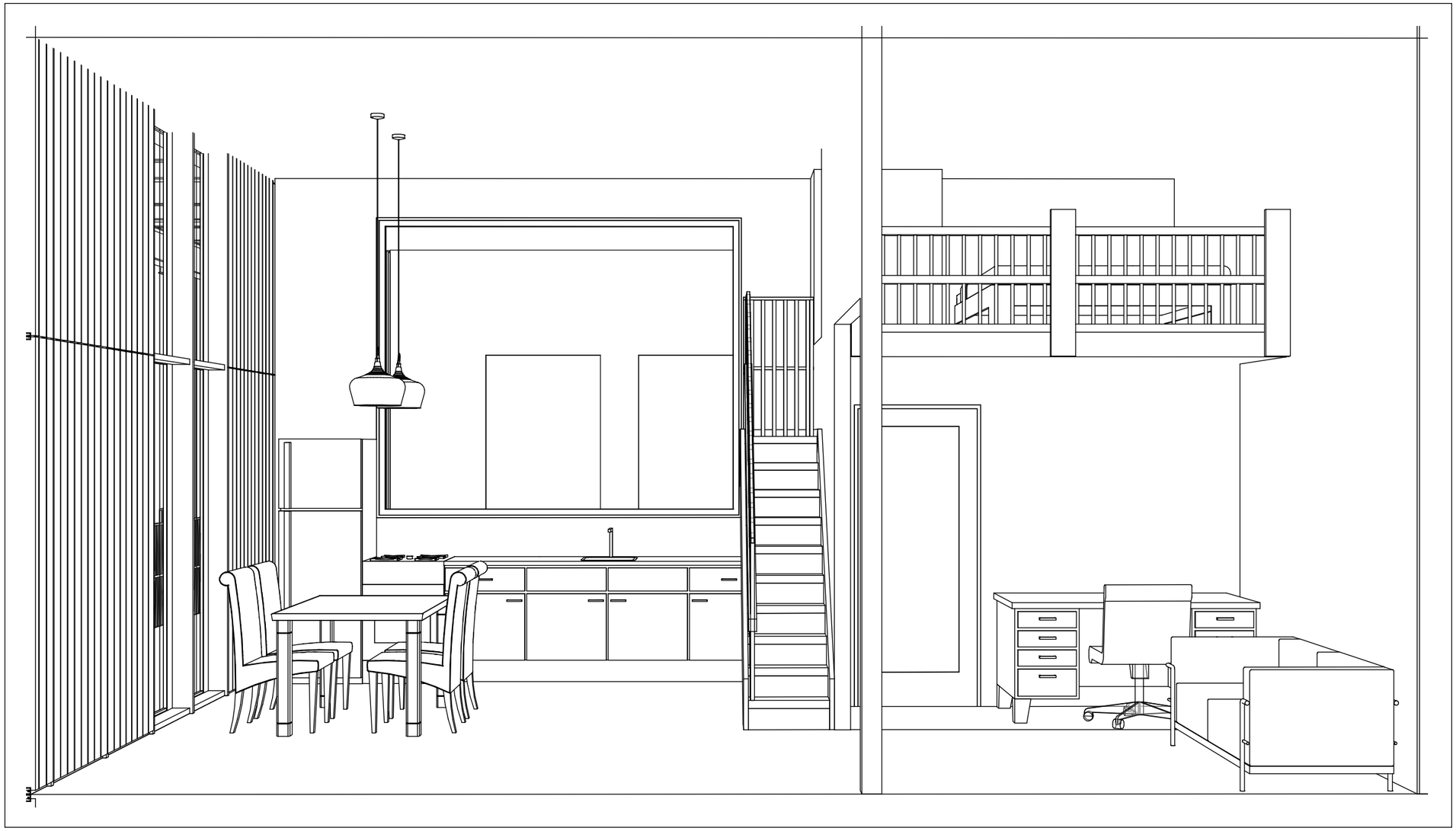
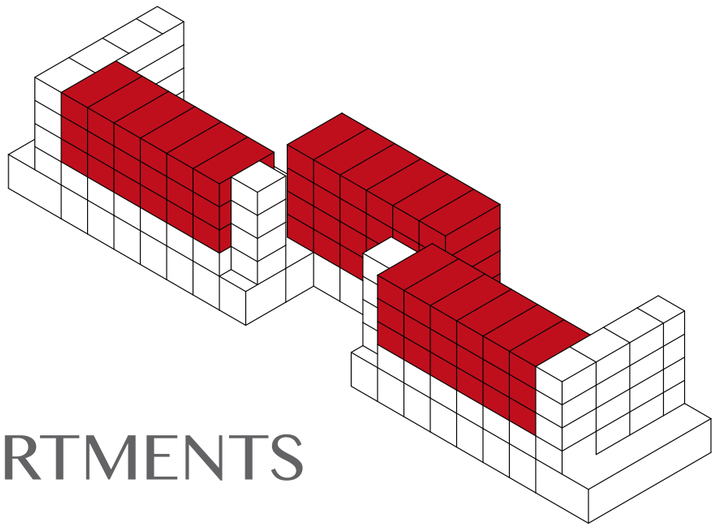
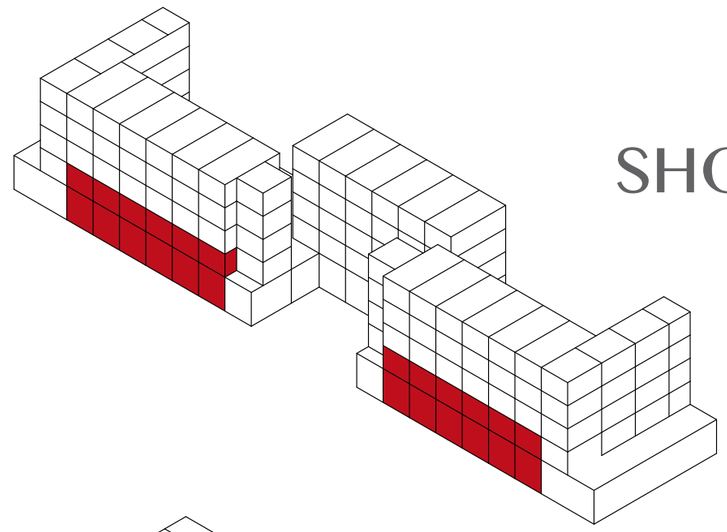


BUILDING LEVEL

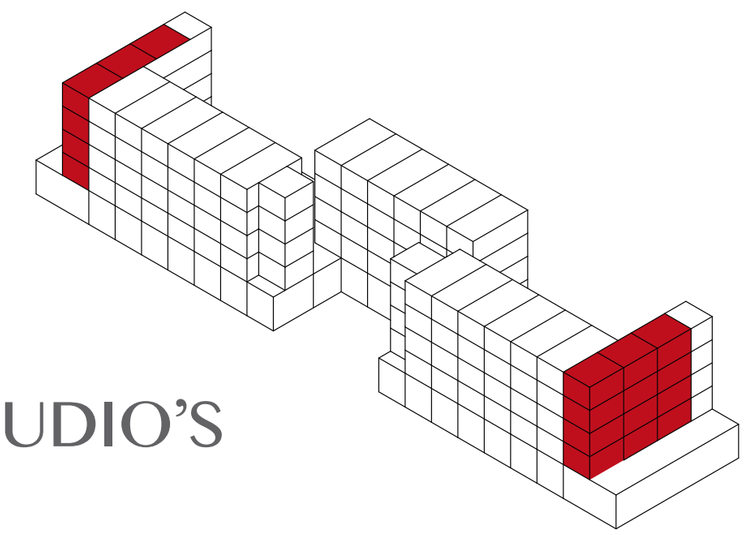
DWELLING STACKING



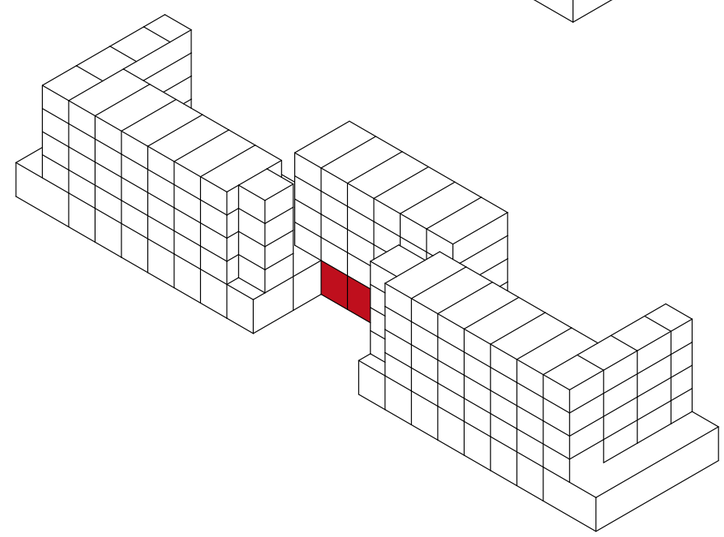
LOFT APARTMENTS



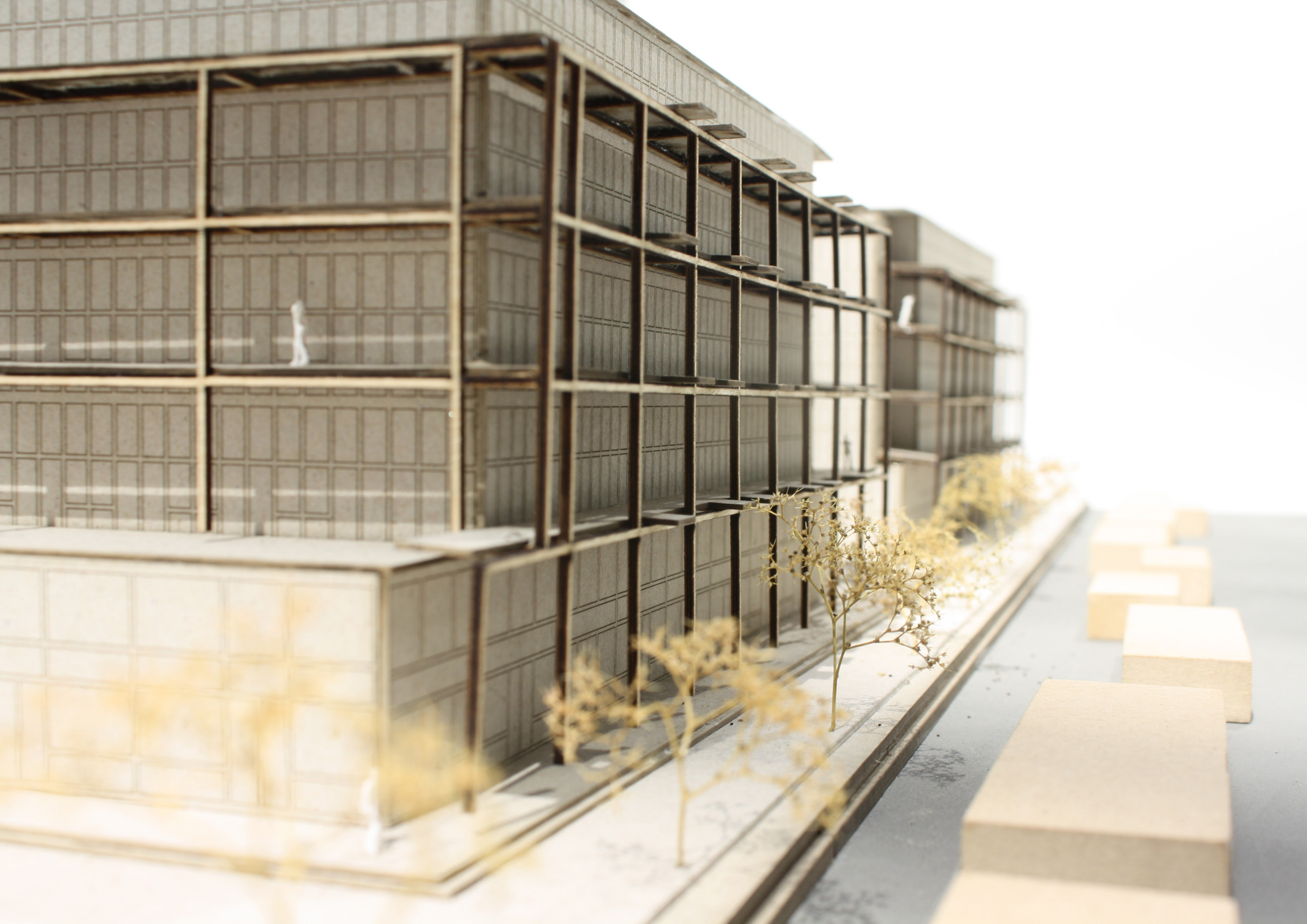
SHOPHOUSES



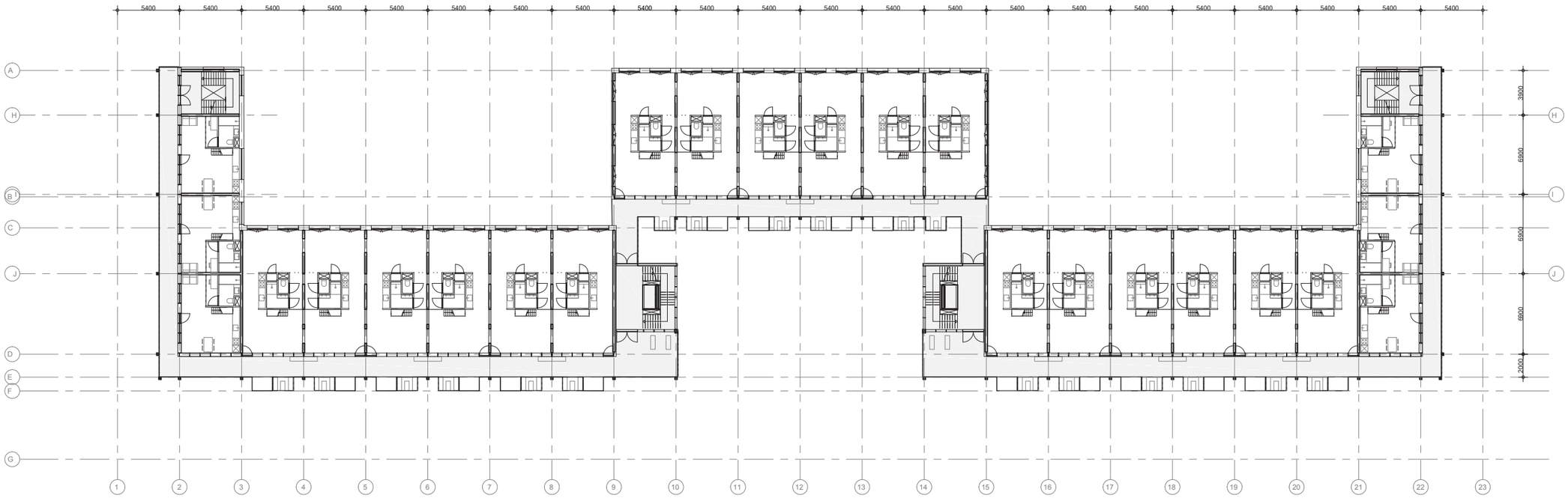
LOFT STUDIO'S



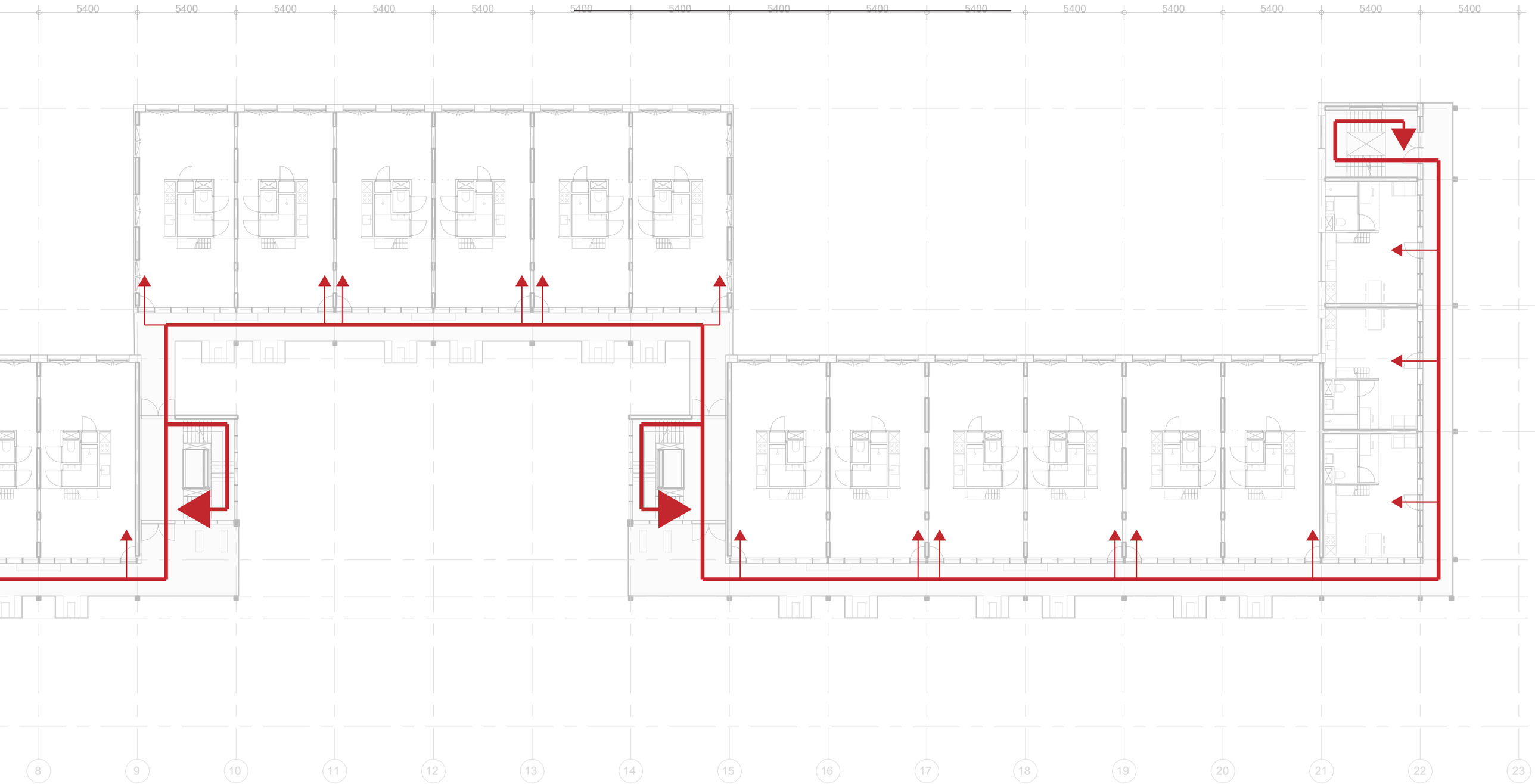
GROUND FLOOR APARTMENTS



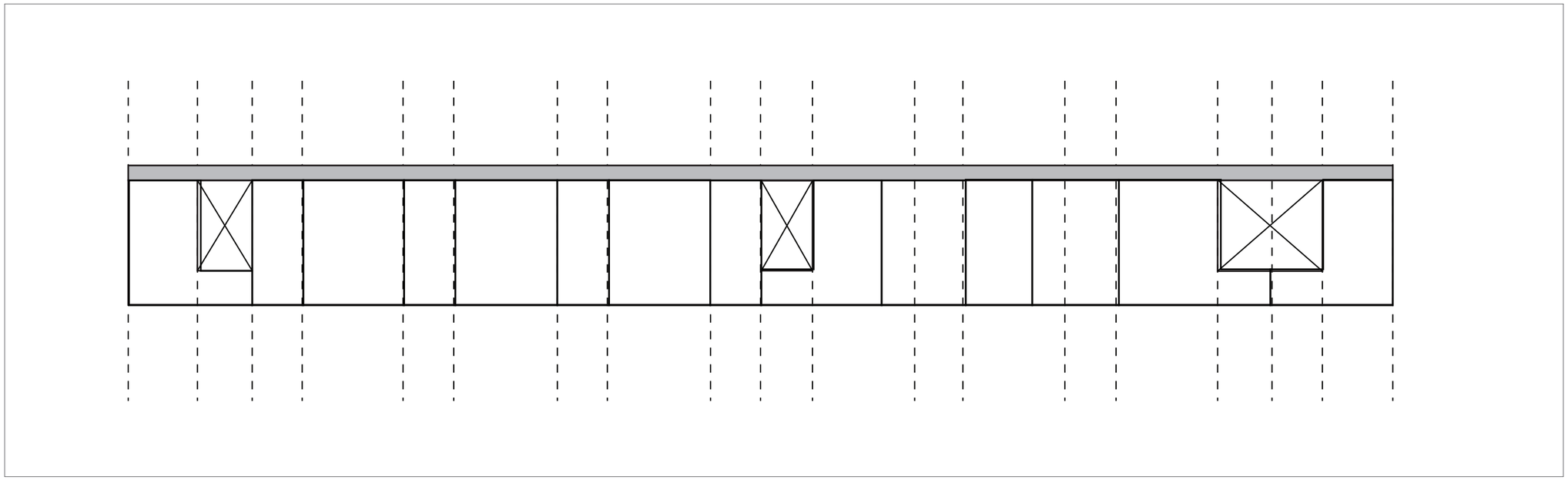
TOP FLOOR PLANS

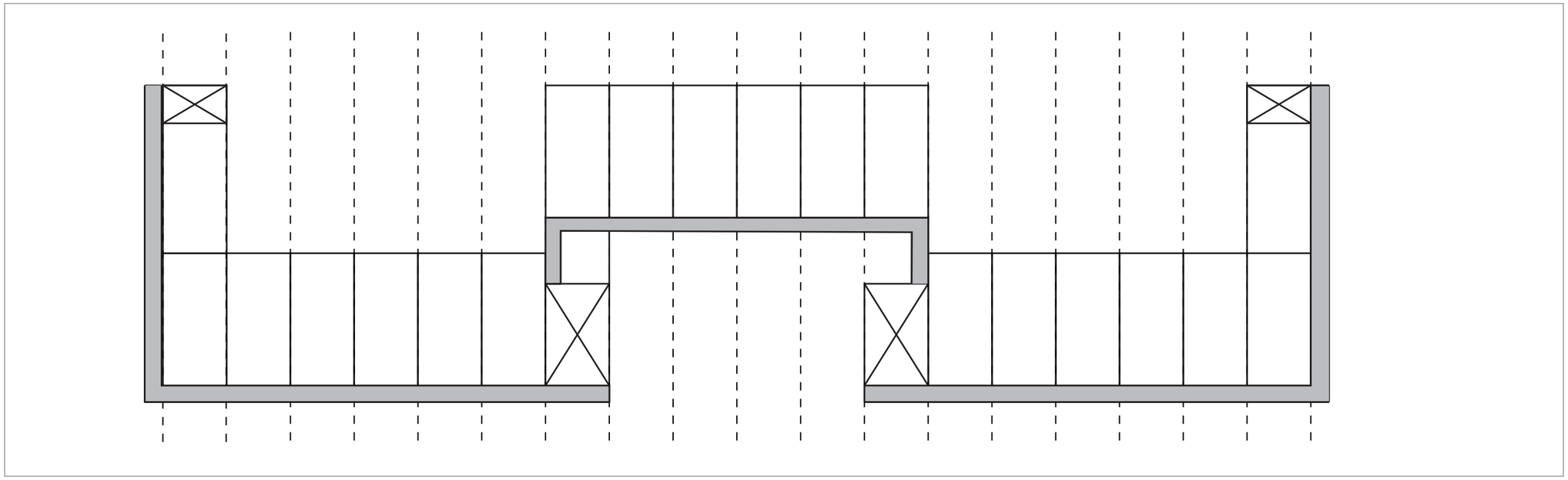


TOP FLOOR PLANS -

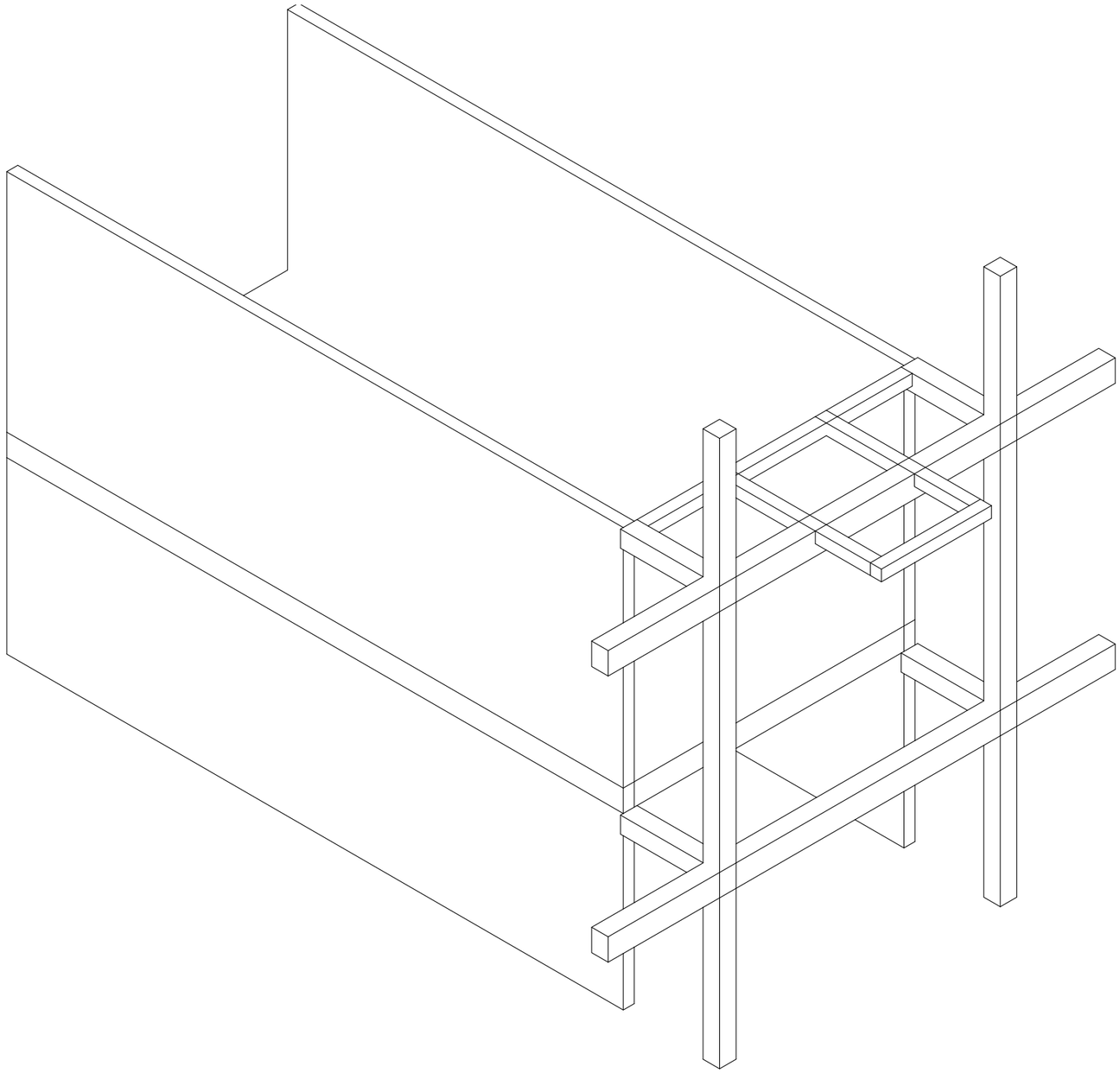


TOP FLOORS: ACCESS SYSTEM





GALLERY

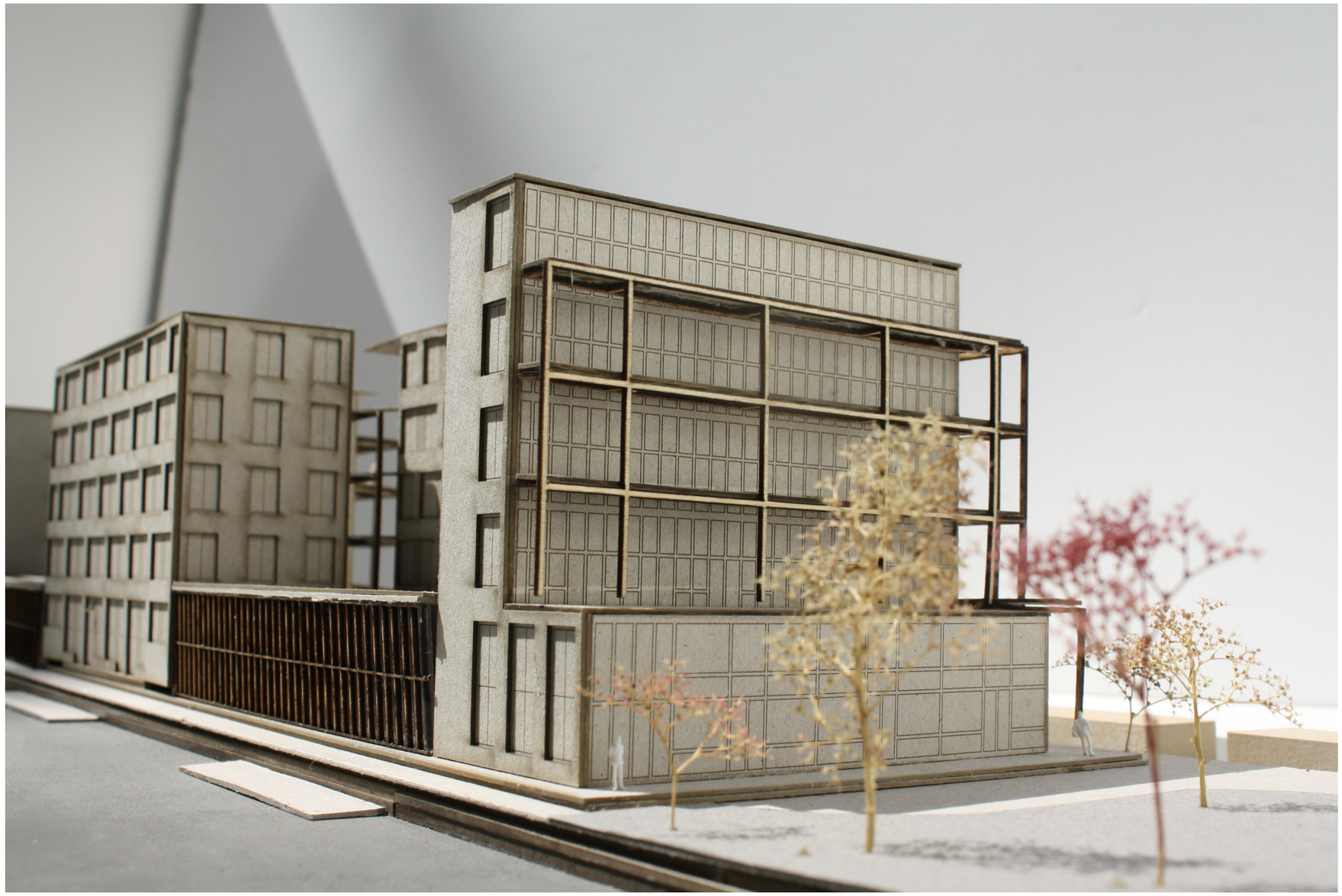


OUTSIDE SPACE APARTMENTS

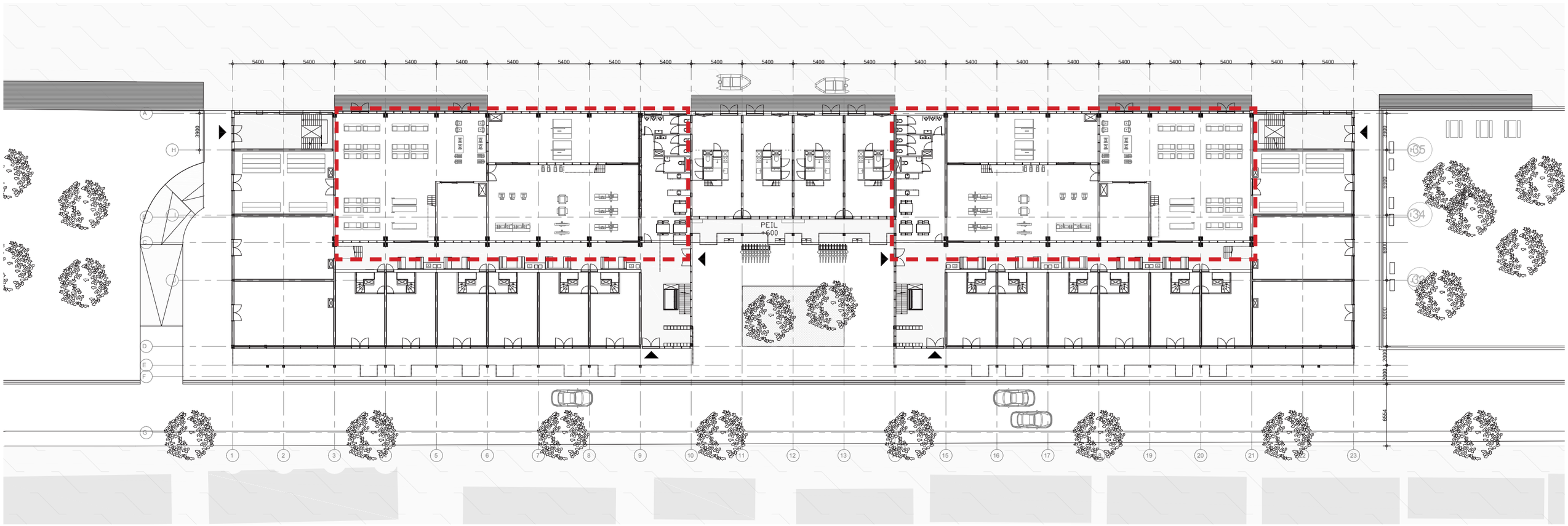
GALLERY AND BALCONIES

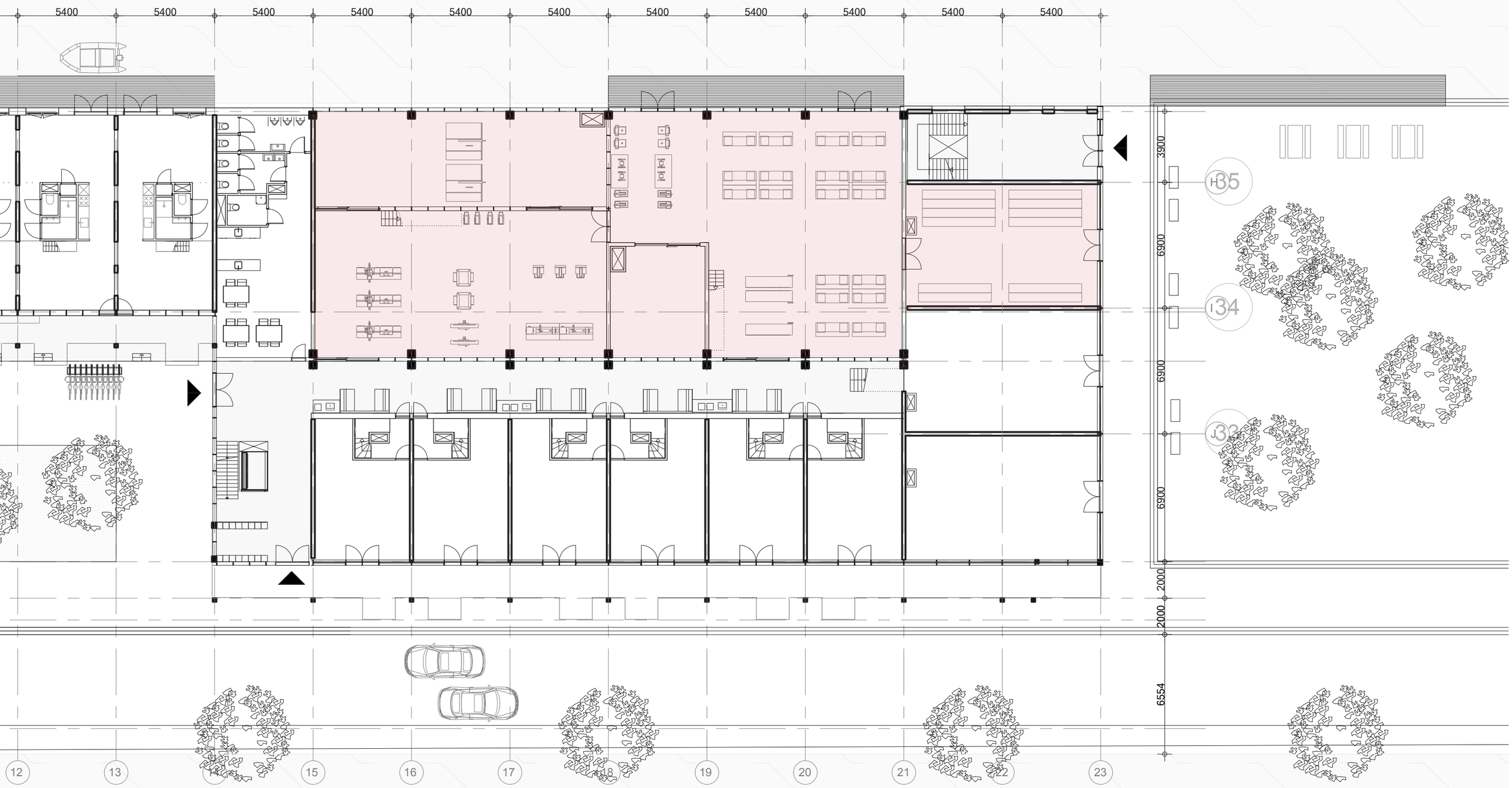
OUTSIDE SPACE STUDIO'S (SECOND FLOOR)

COLLECTIVE OUTSIDE SPACE



COLLECTIVE SPACE (GROUND FLOOR)

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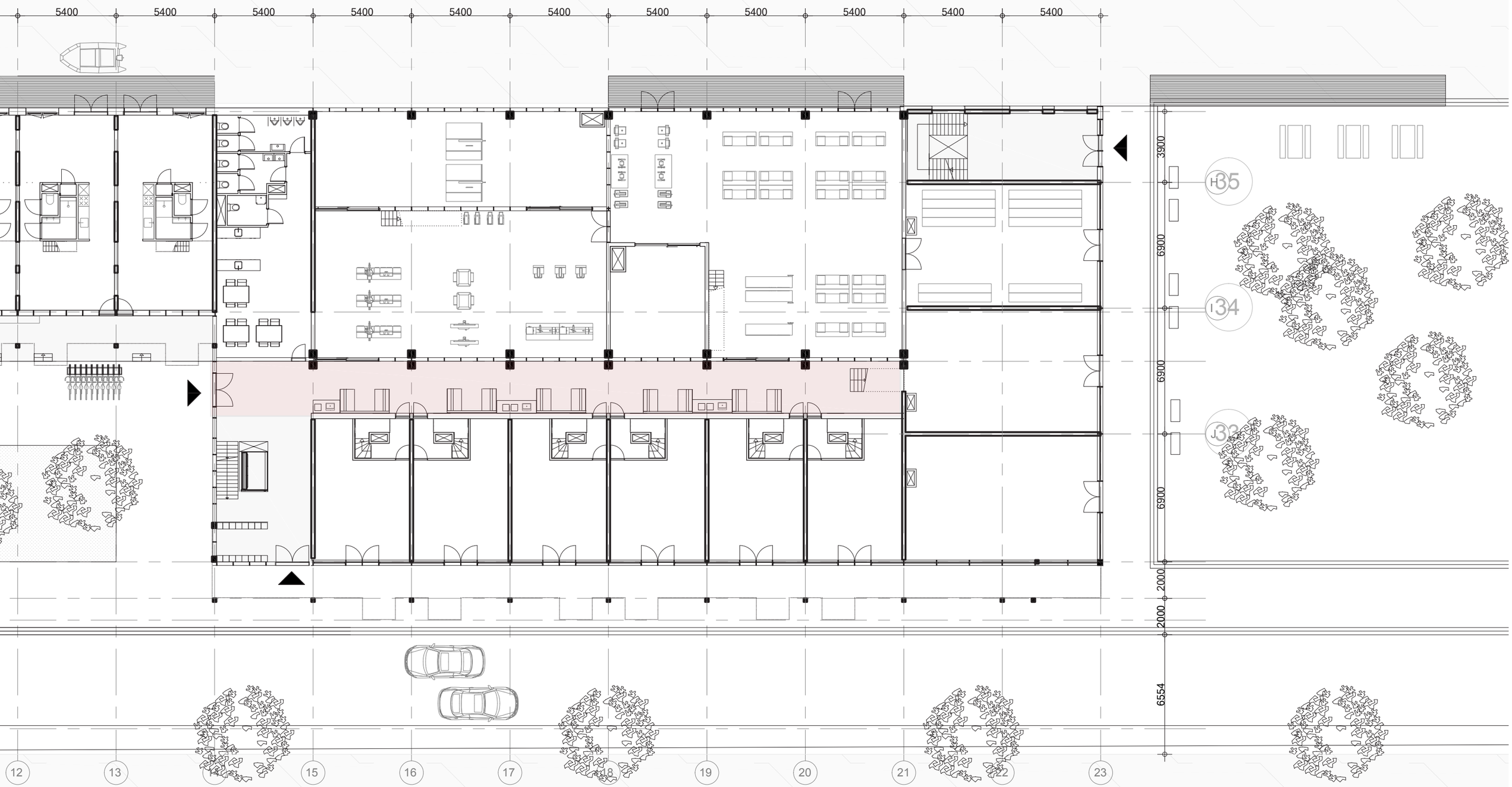
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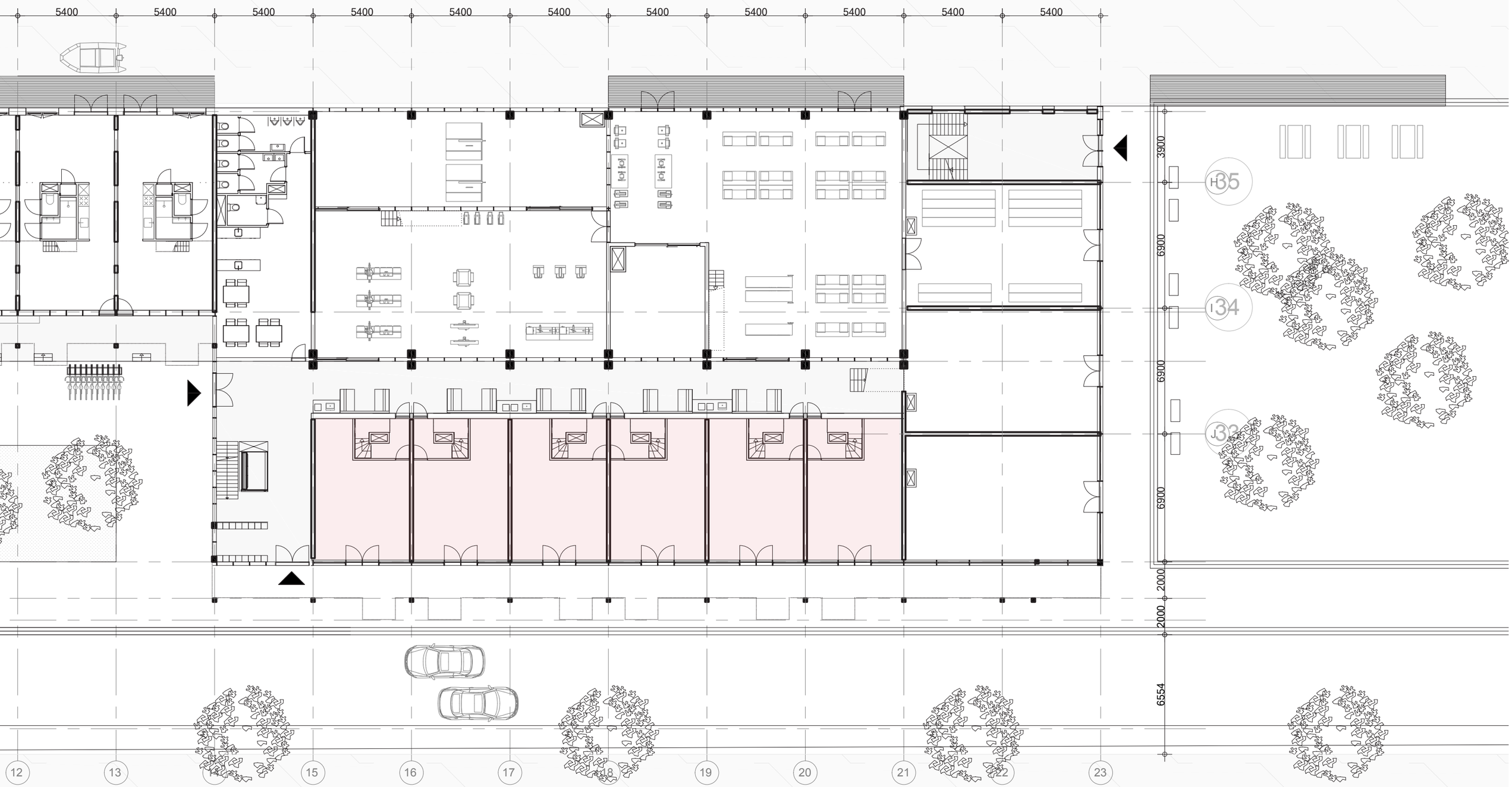
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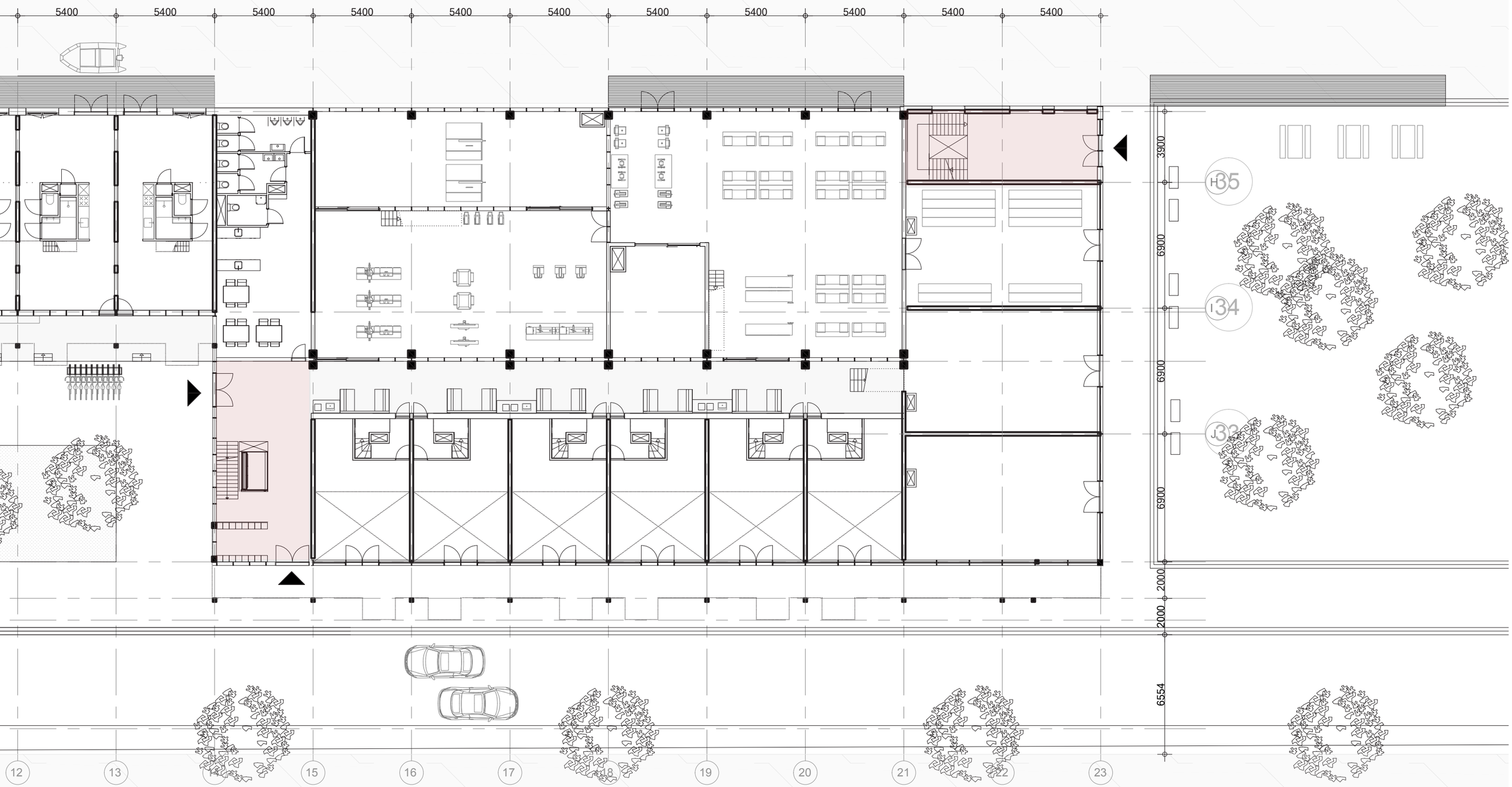
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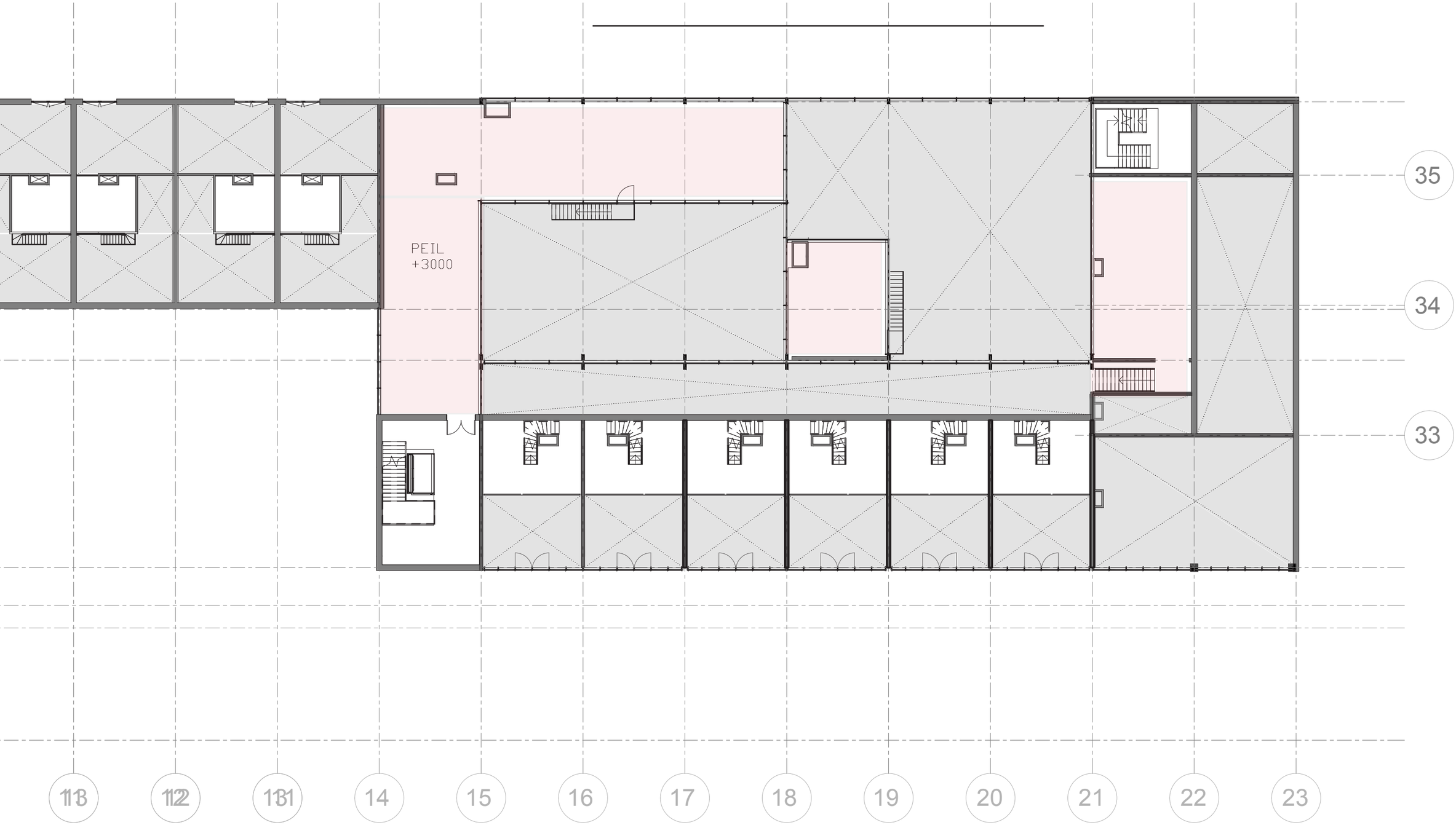
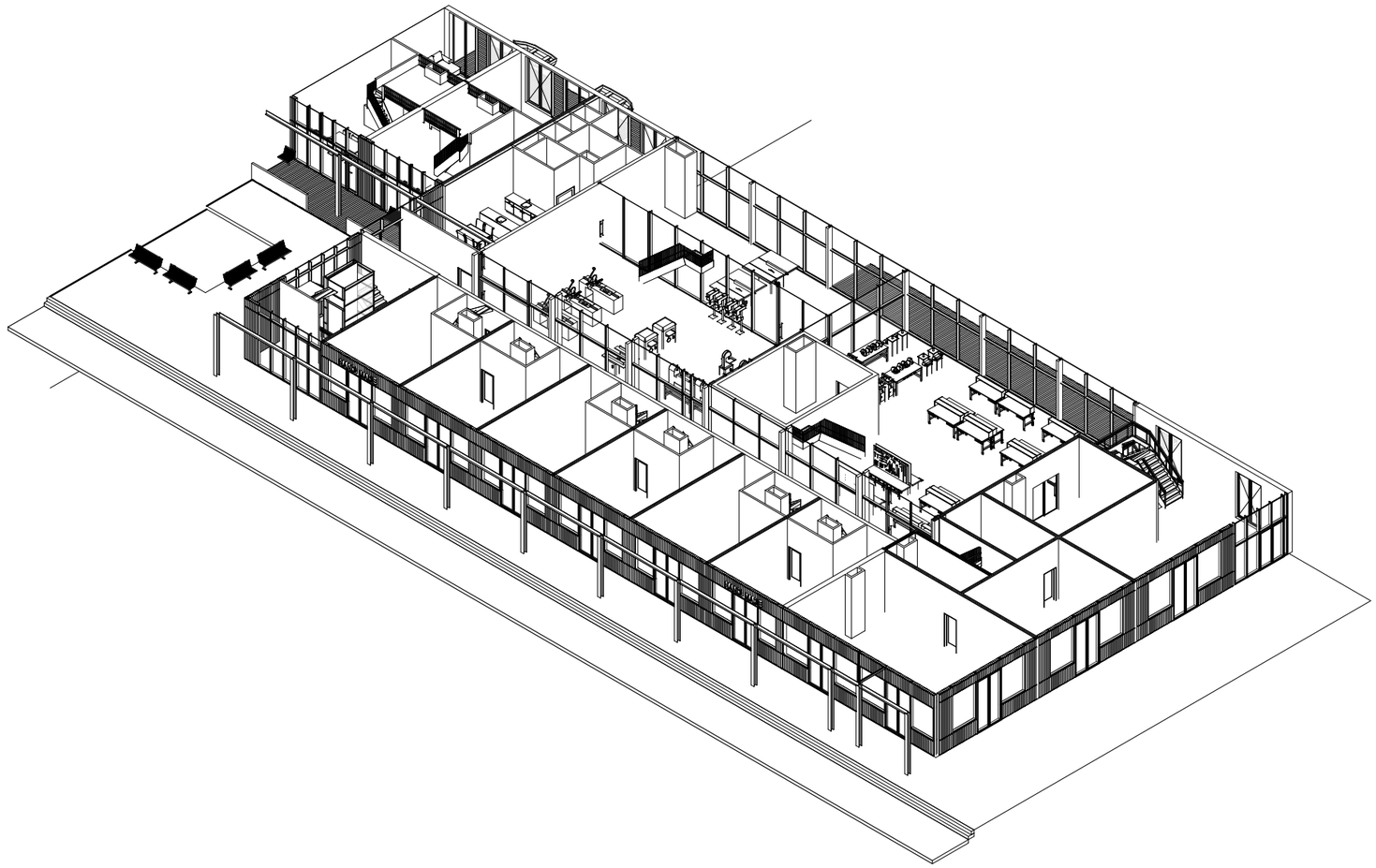
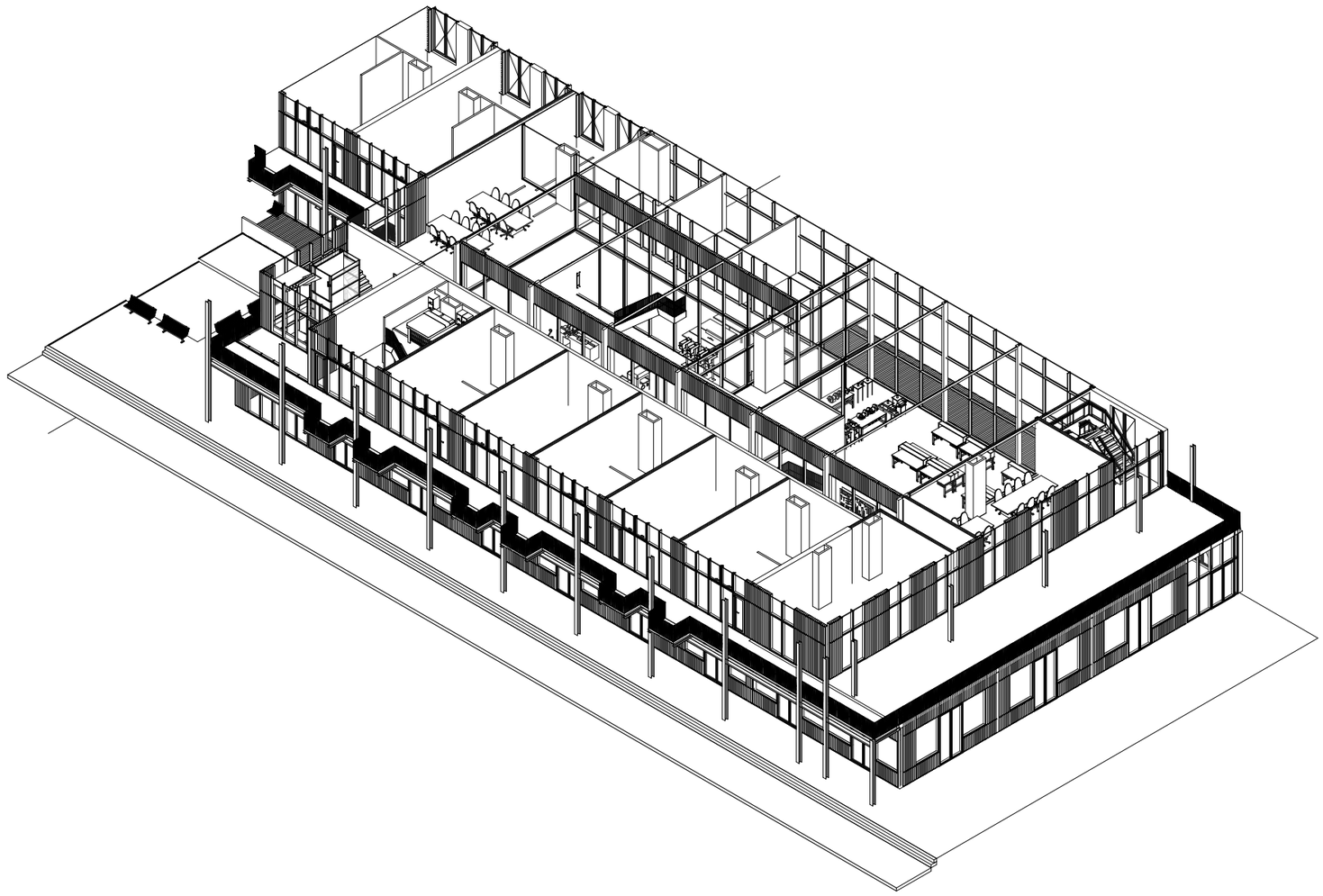
INTERMEDIATE FLOOR



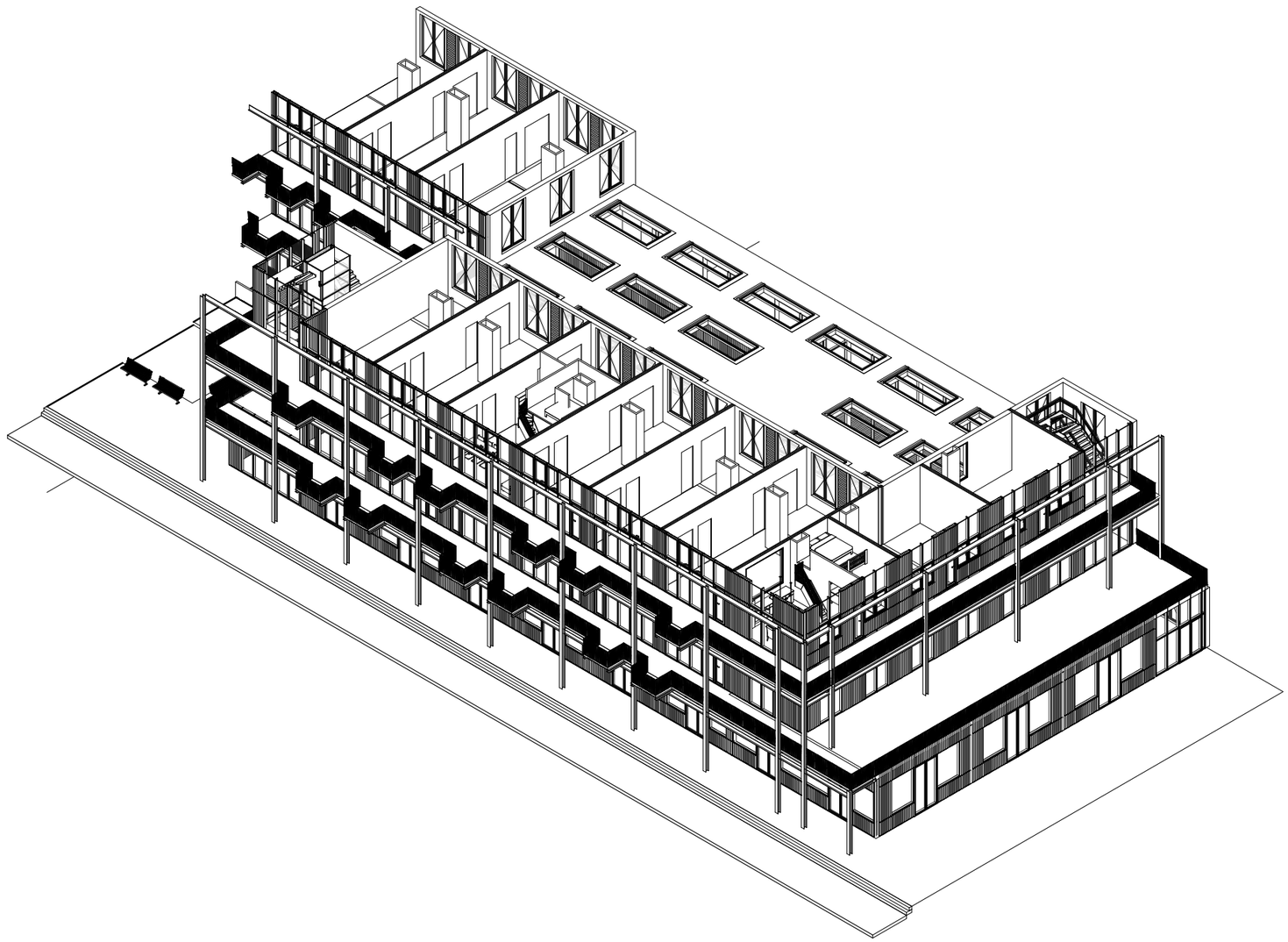
GROUND FLOOR



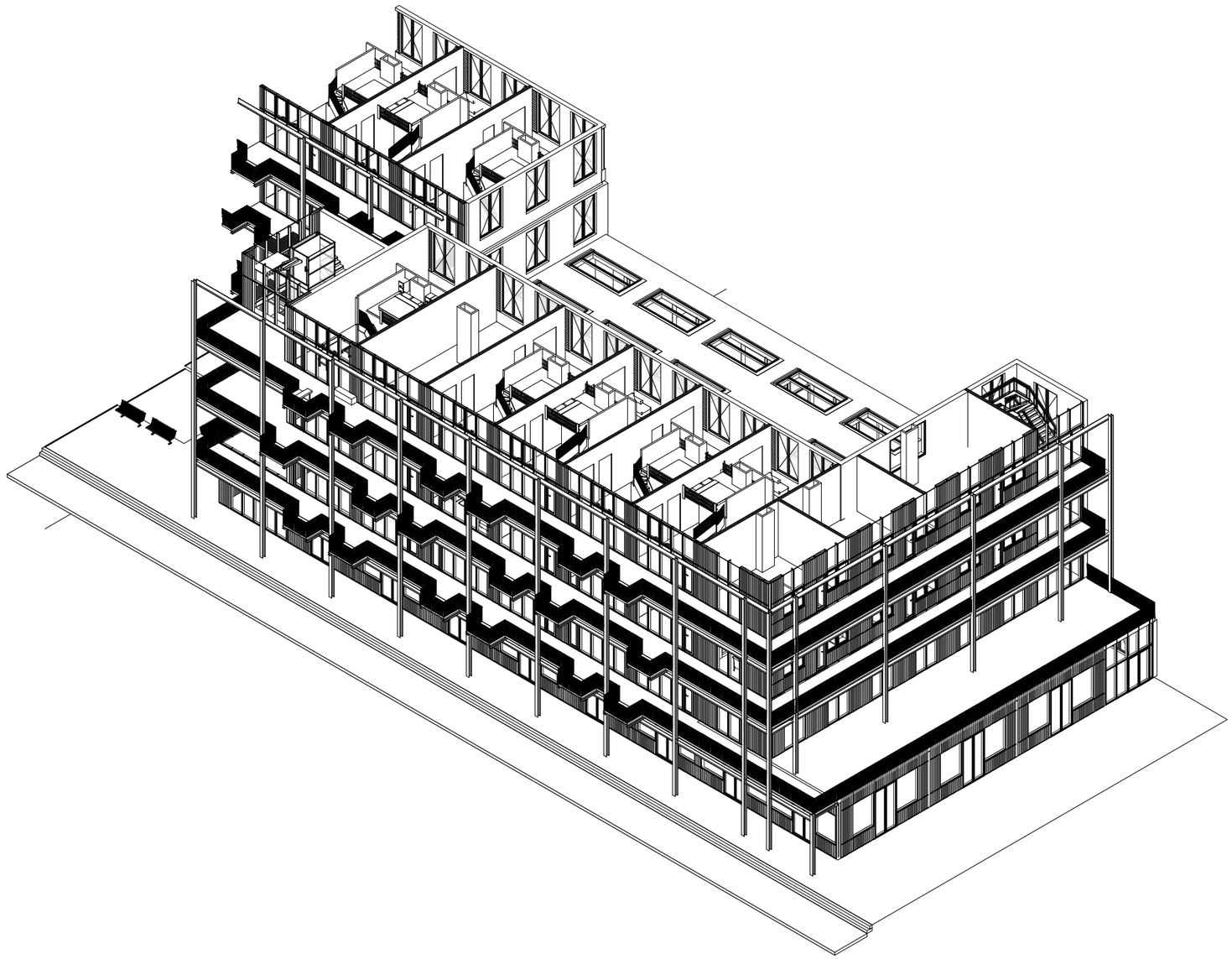
SECOND FLOOR



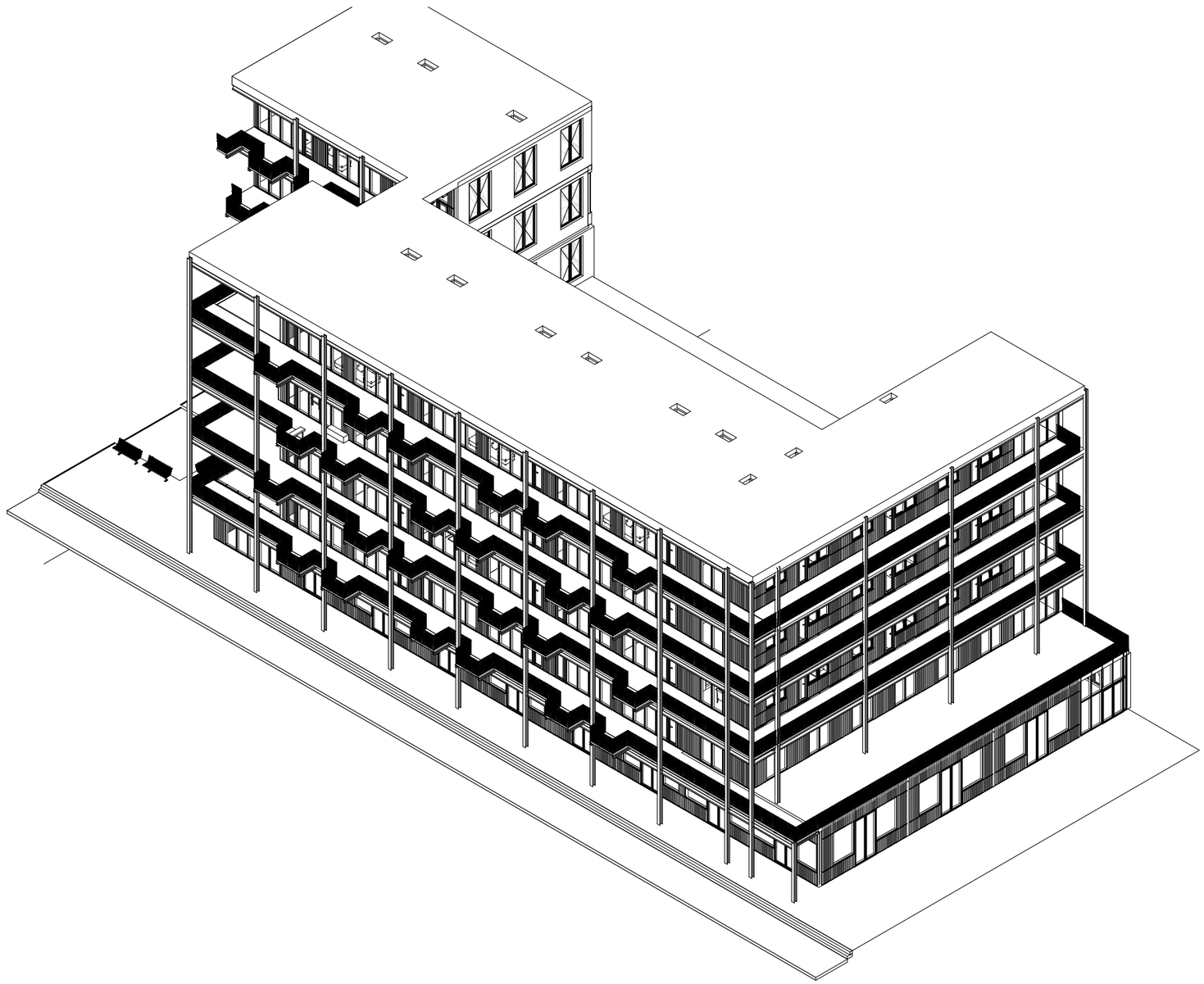
THIRD FLOOR



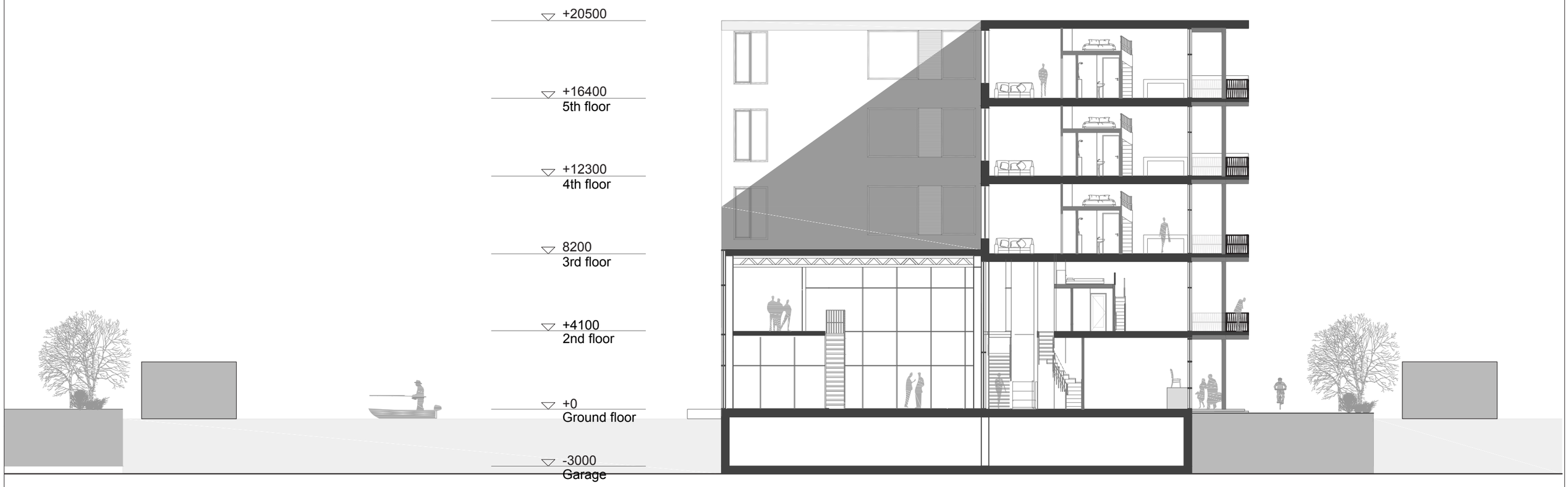
FOURTH FLOOR



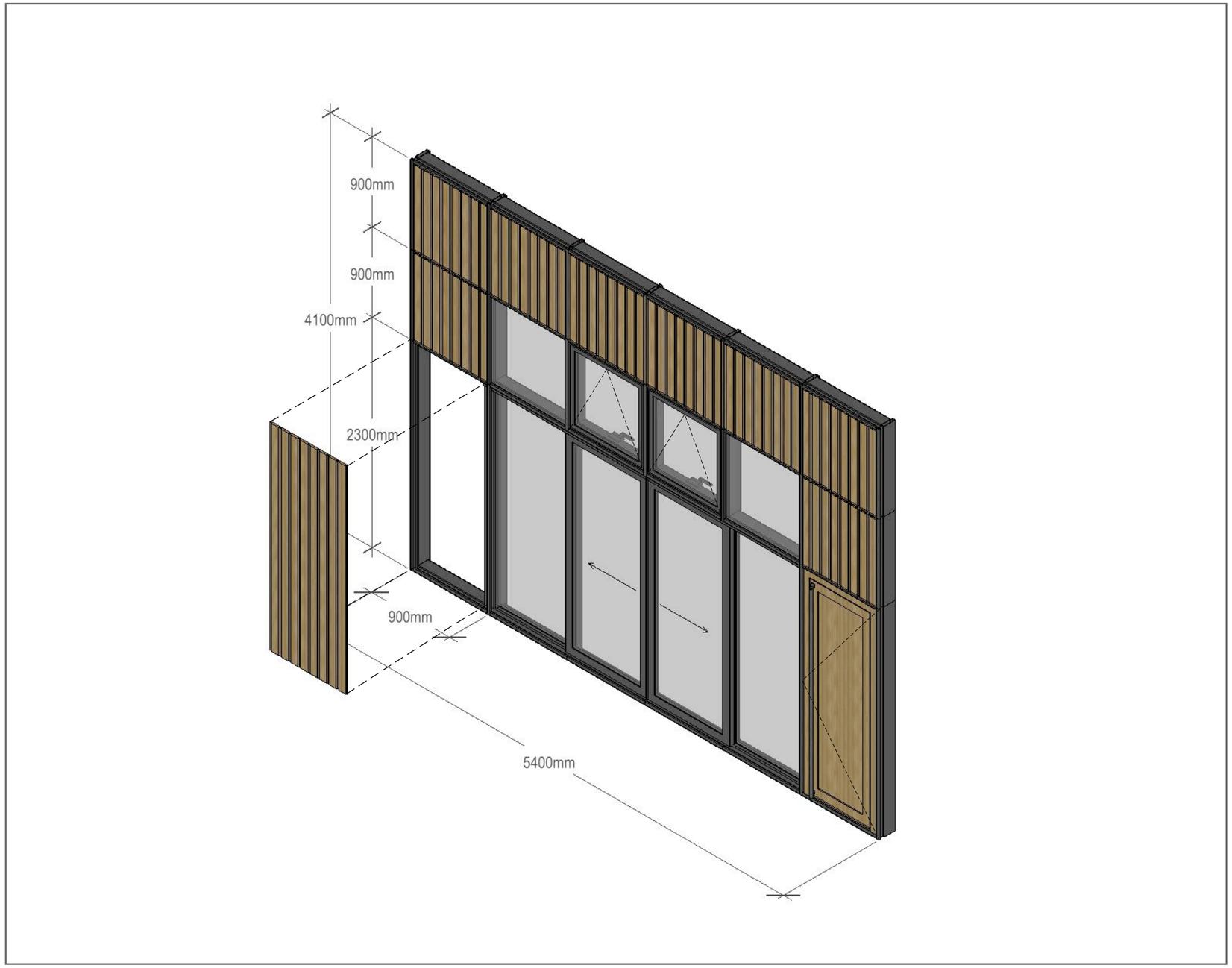
FIFTH FLOOR



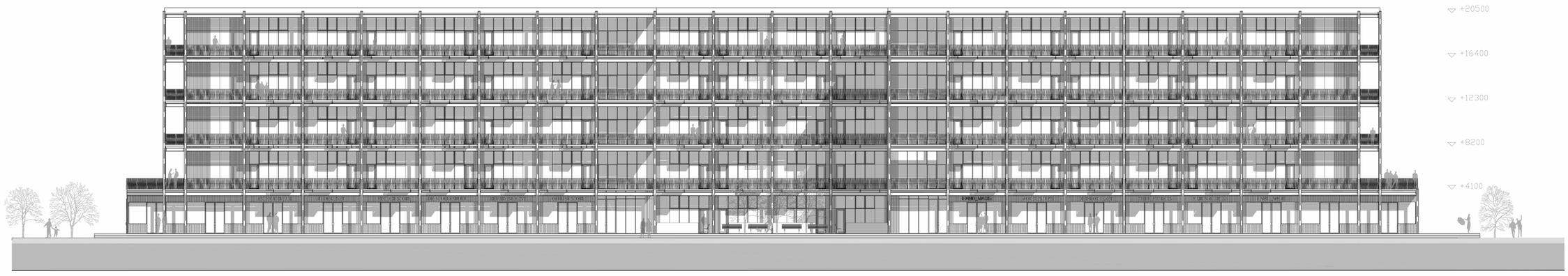
SECTION WORKSHOP AND DWELLINGS



FACADE SYSTEM



SOUTH ELEVATION



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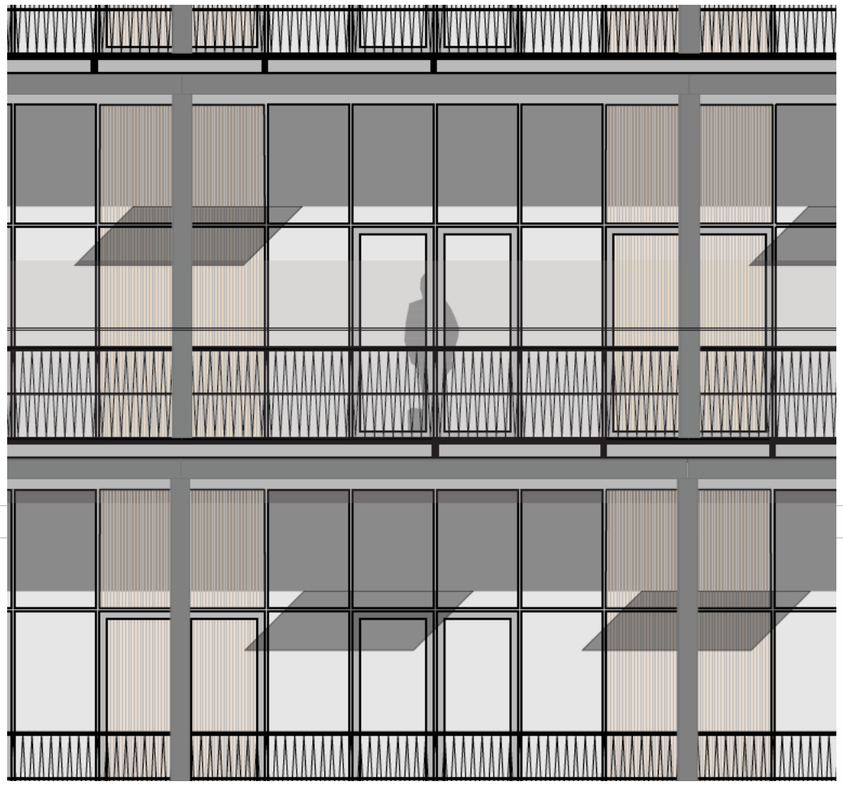


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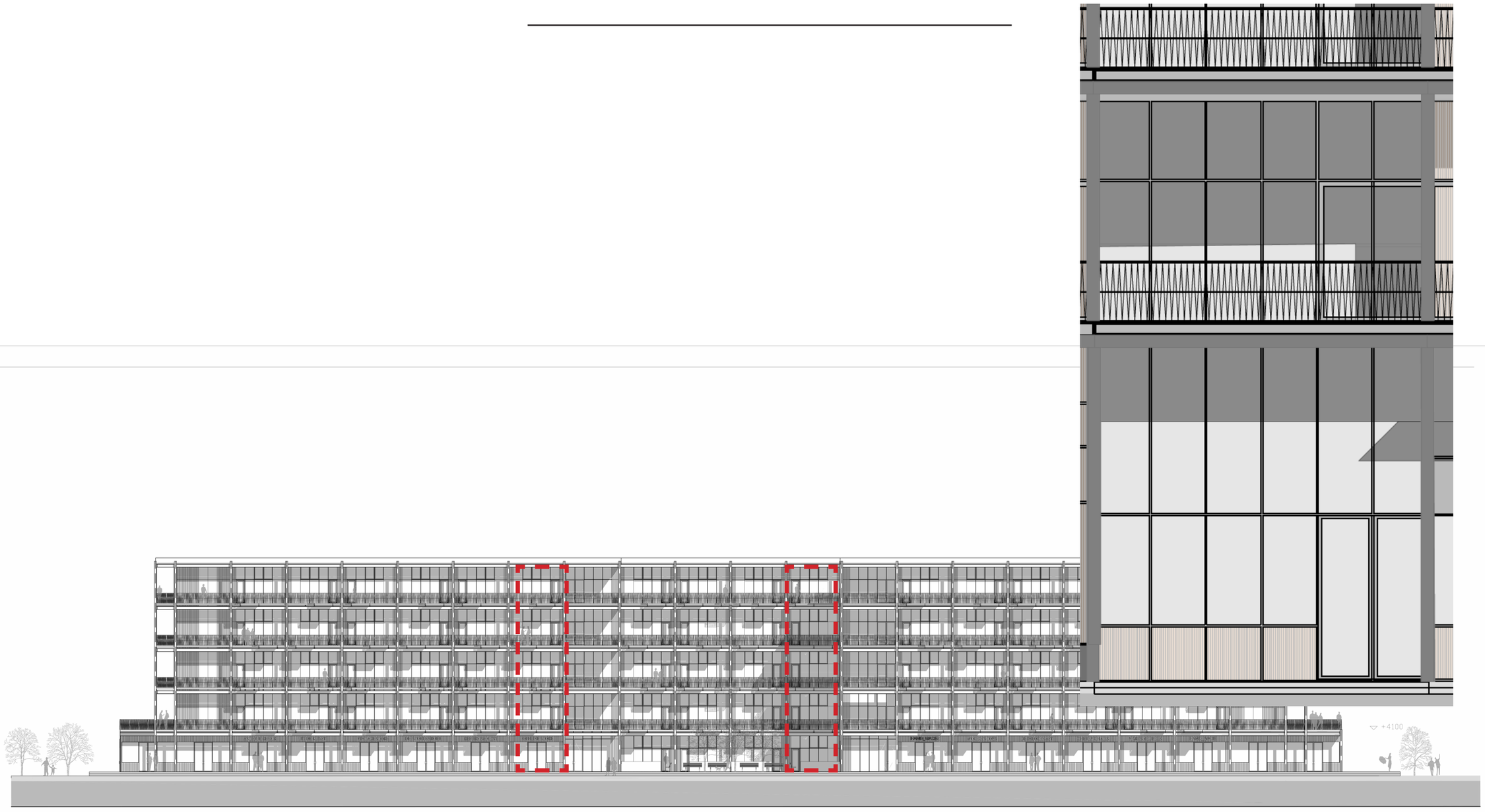
SOUTH ELEVATION



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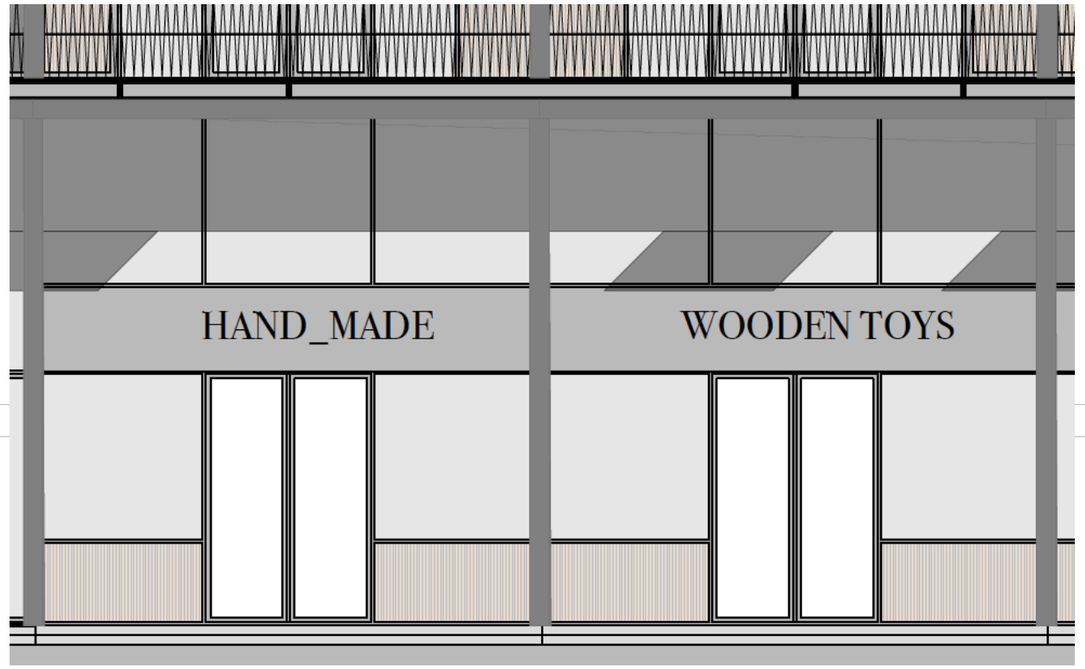
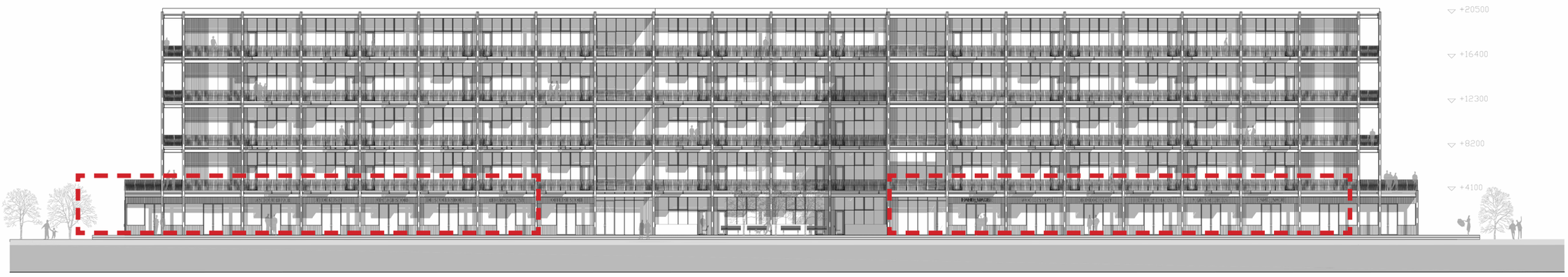
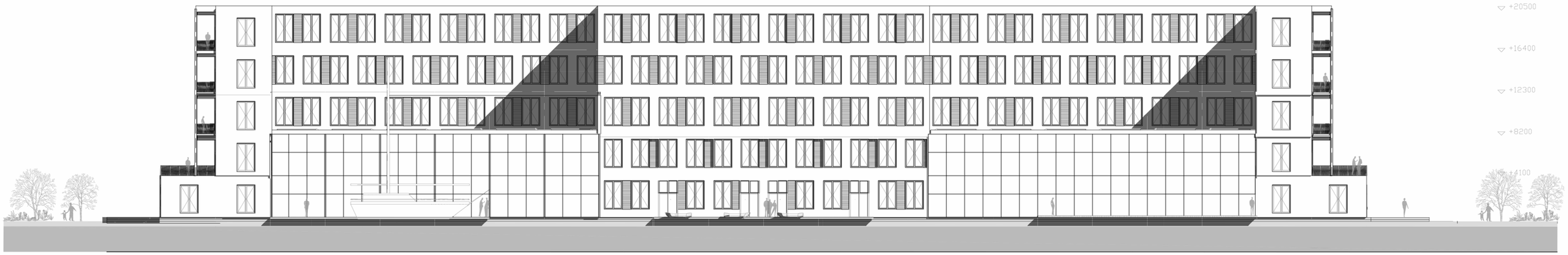





HAND_MADE
Sale


HAND_MADE

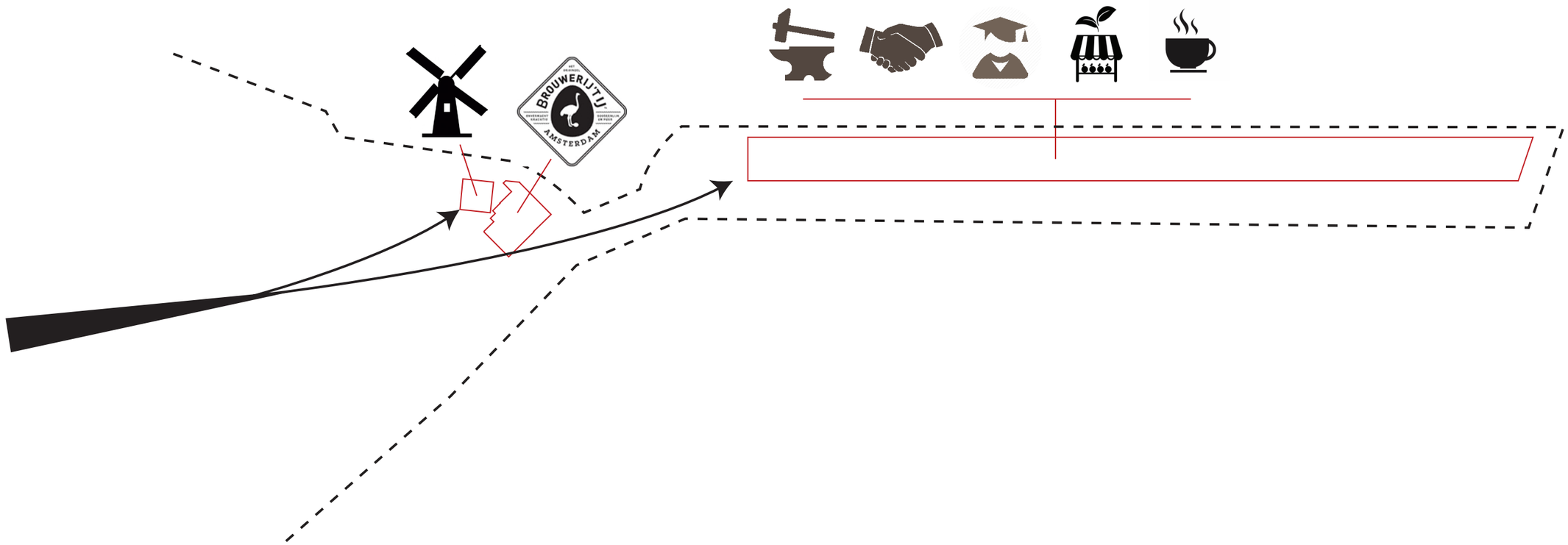
NORTH ELEVATION



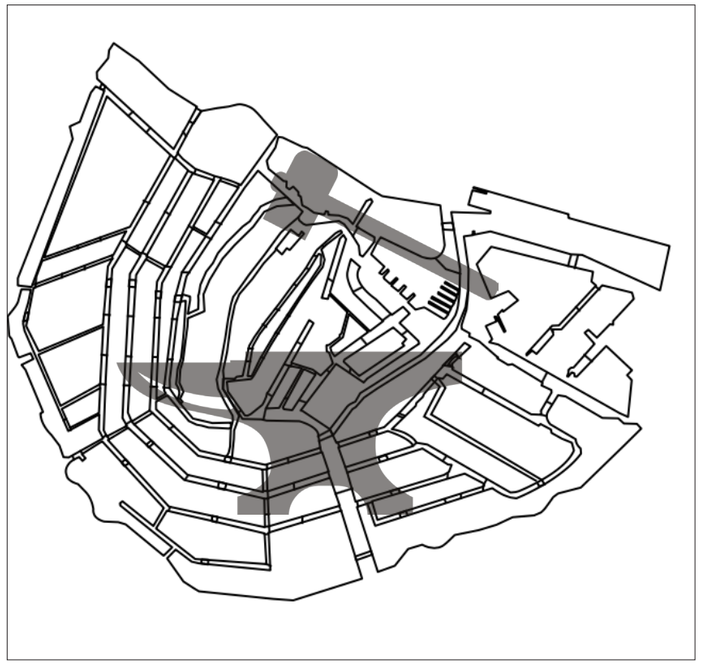
NORTH FACADE DETAIL

EAST ELEVATION

CONCLUSIONS


BROUWERIJ 't IJ
AMSTERDAM

“Amsterdam as the capital for a re-valuated craftsmanship in 2040“



Flexible

Adaptable

Collective

Live-work design

H A N D _ M A D E

Architecture for craftsmanship