

Forget
me
not

“Dwelling in the past, designing for the future”



“We remember their love when
they can no longer remember.”

- A Caregiver -

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Course:	AR3AD131
Chair:	Dwelling
Name:	Dutch Housing Studio “Stronghold Amsterdam”
Hand in date:	05-07-2018
Target group - Site:	Dementia, Gillis van Ledenberchstraat-Zaagmolenstraat

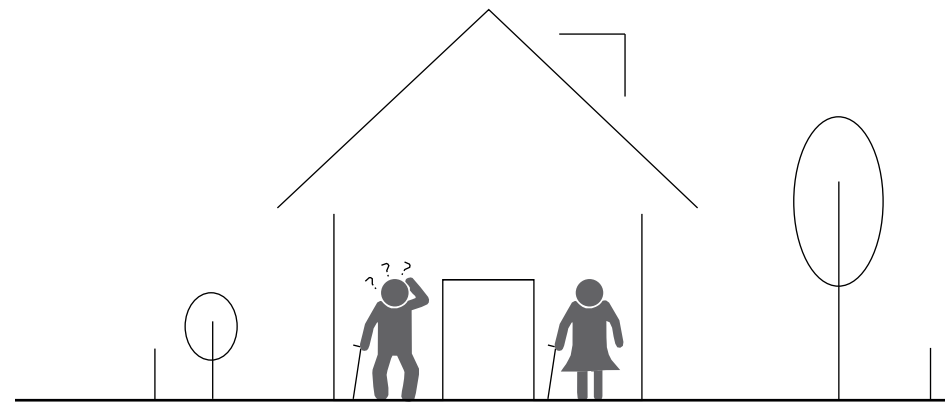


Concept
Design strategy
Diagrams

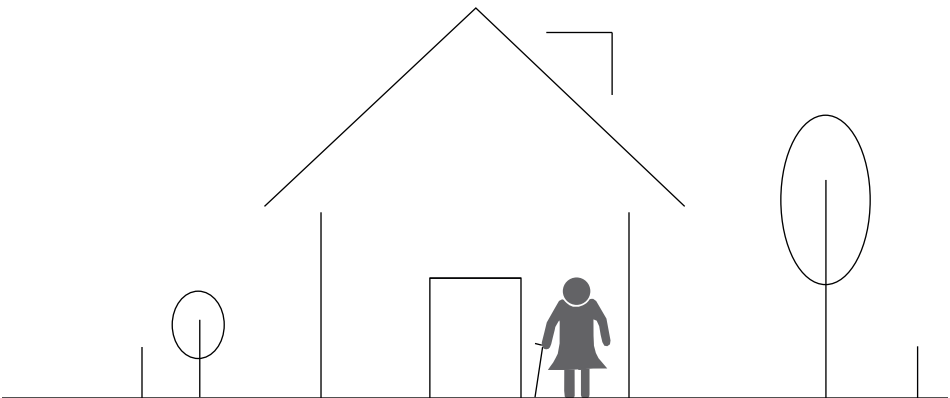
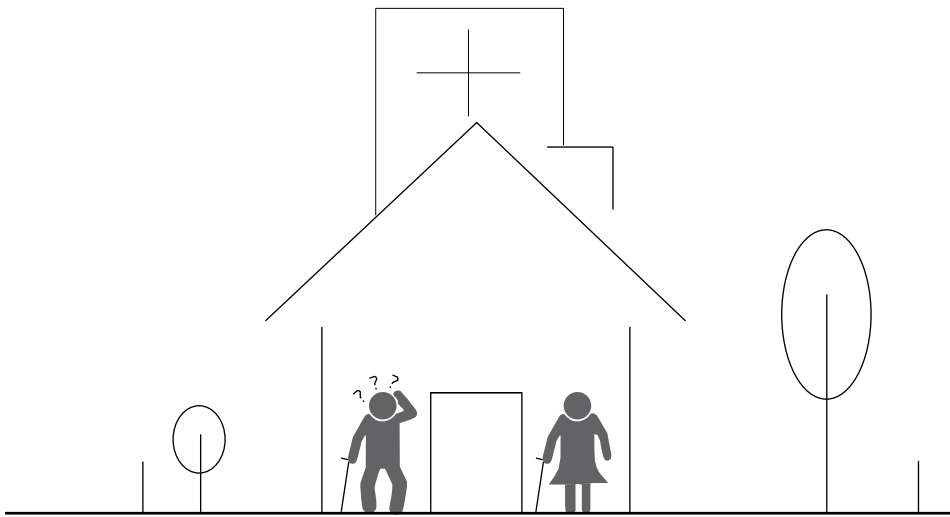
P. 4
P. 8
P. 16



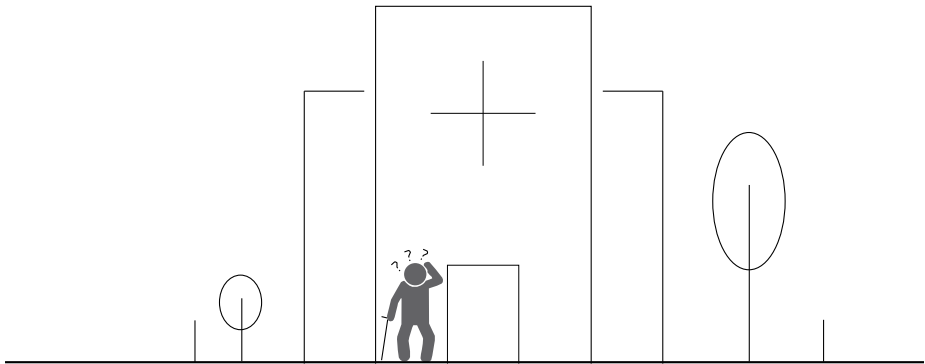
Concept



Diagnosis of dementia



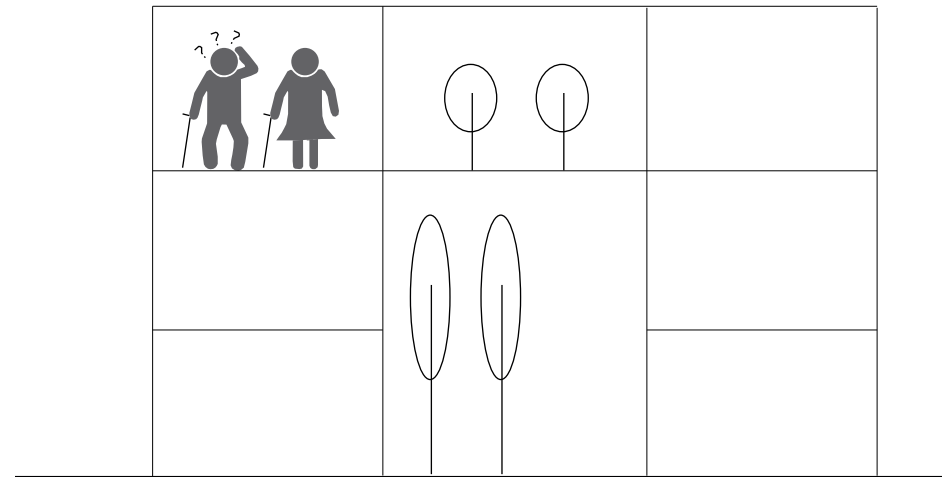
Spouse stays behind



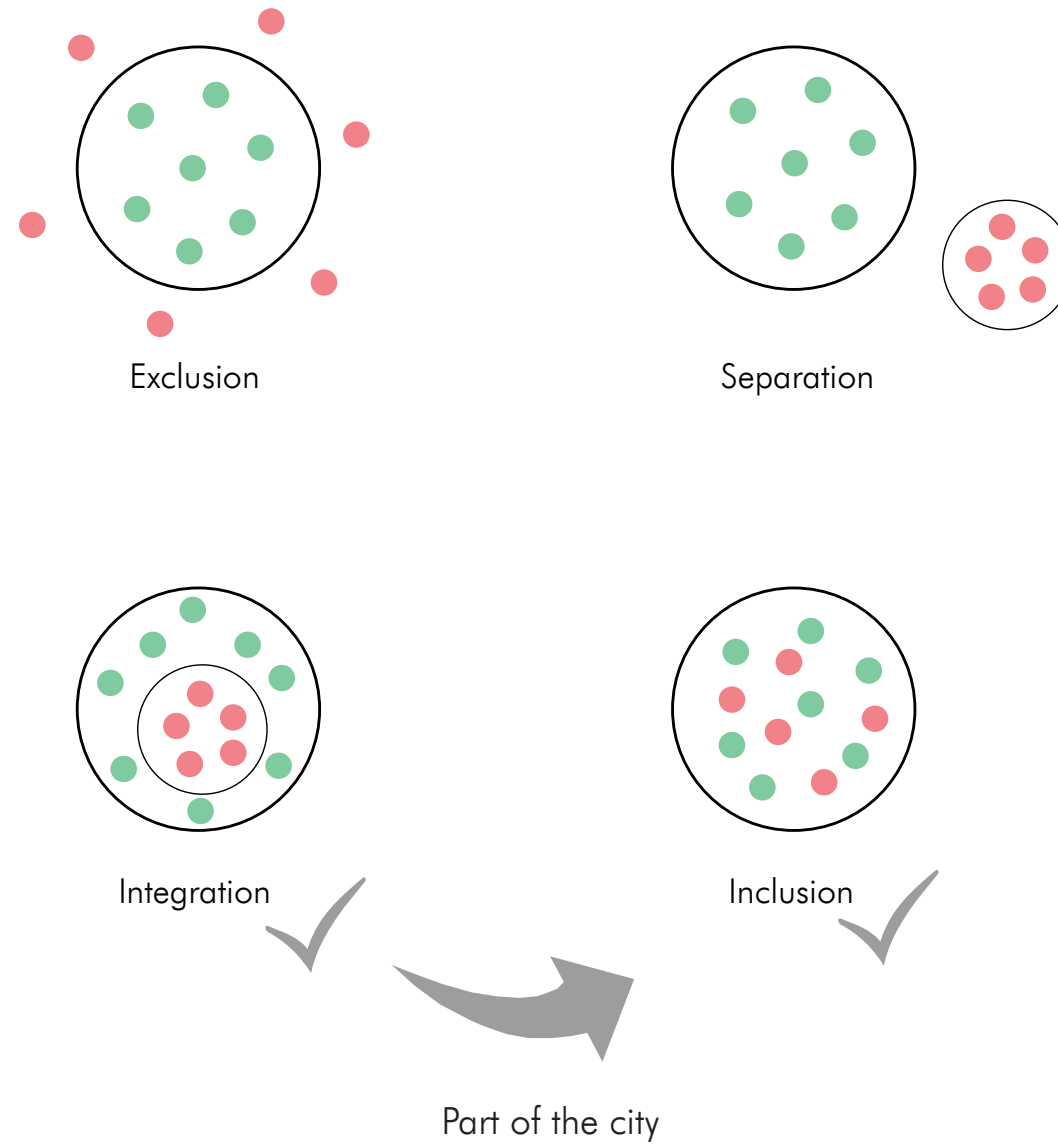
Nursing home for the person with dementia



Concept

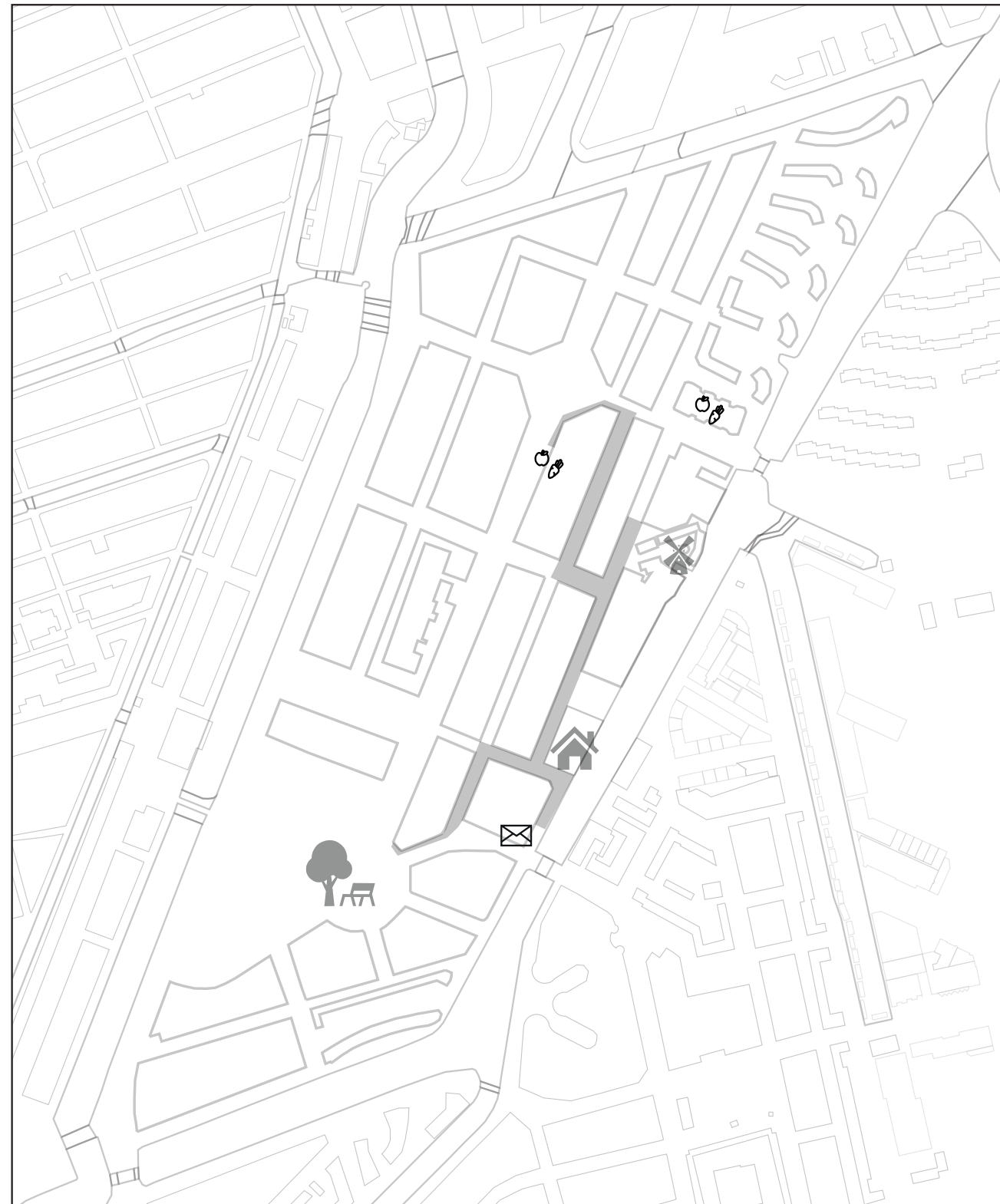


Co-housing with spouse

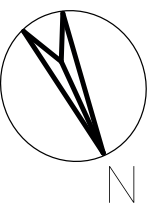


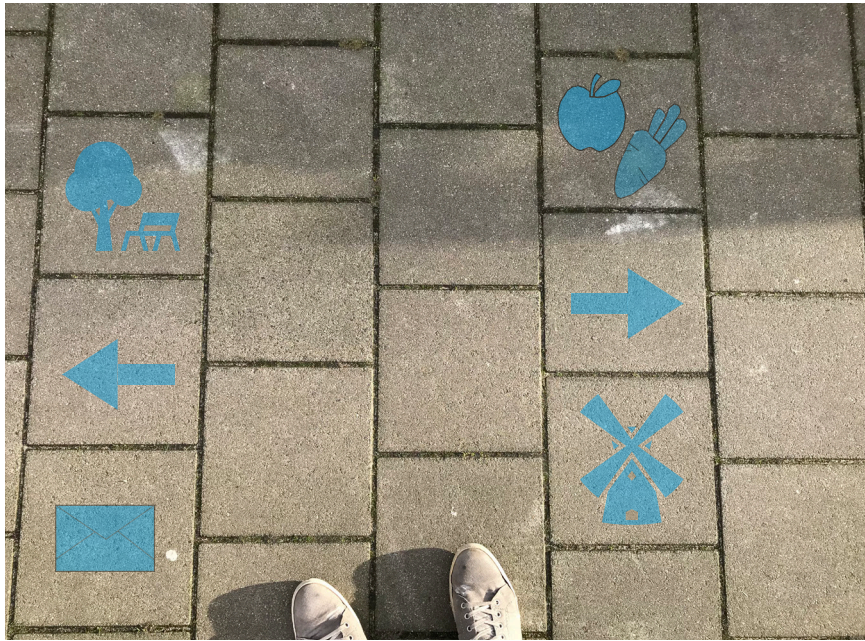


Design strategy: urban plan



Dementia route





Starting point route



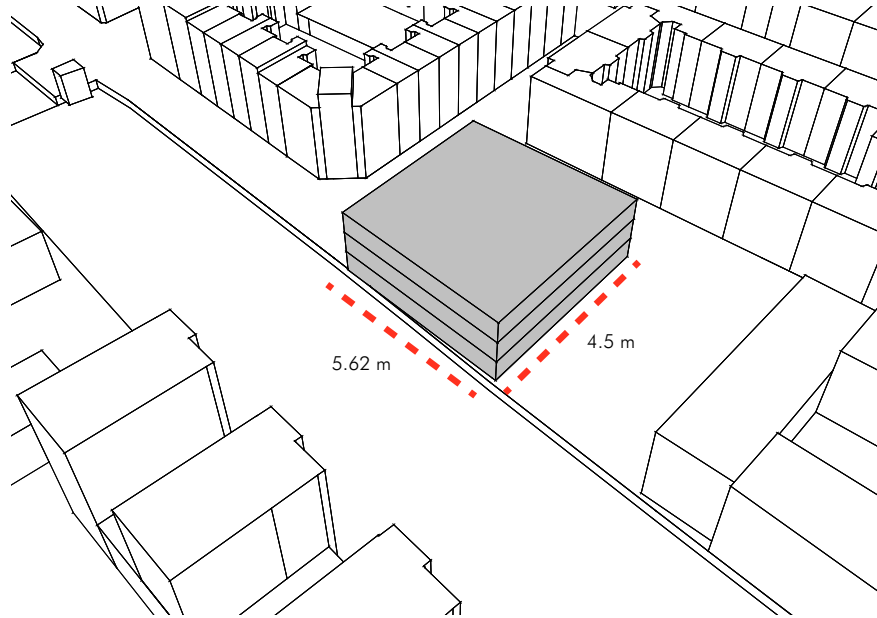
Route towards home



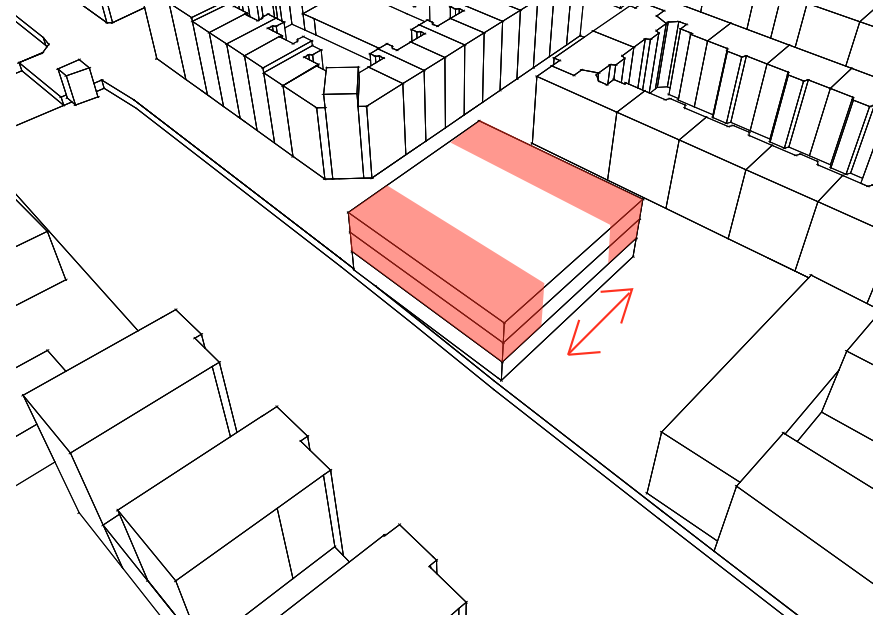
Route towards groceries



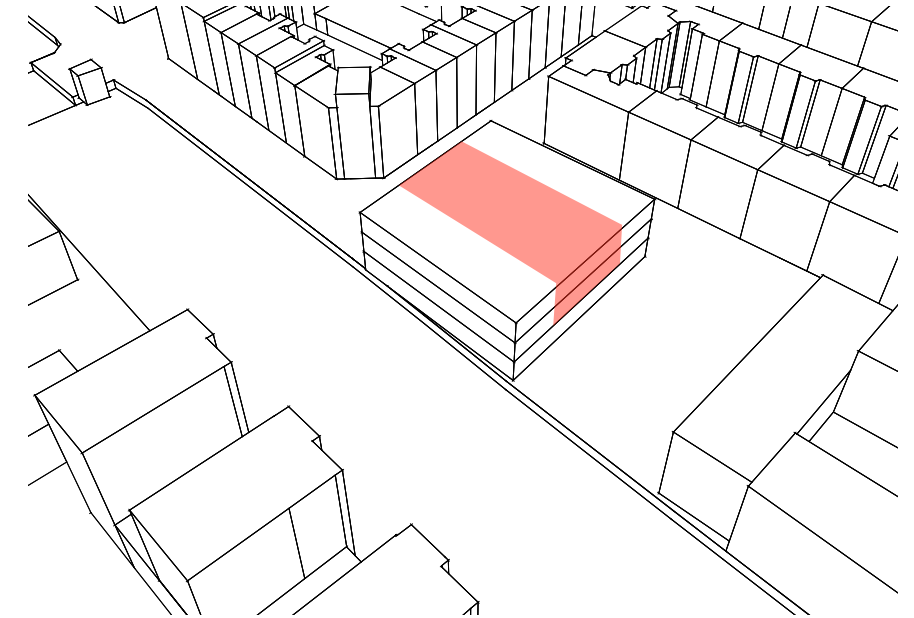
Design strategy: building



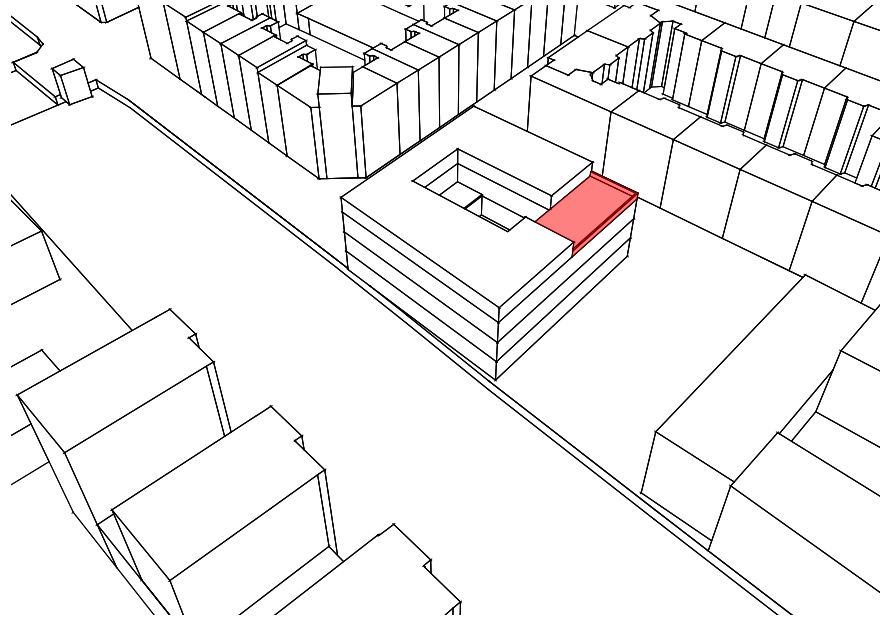
Existing grid



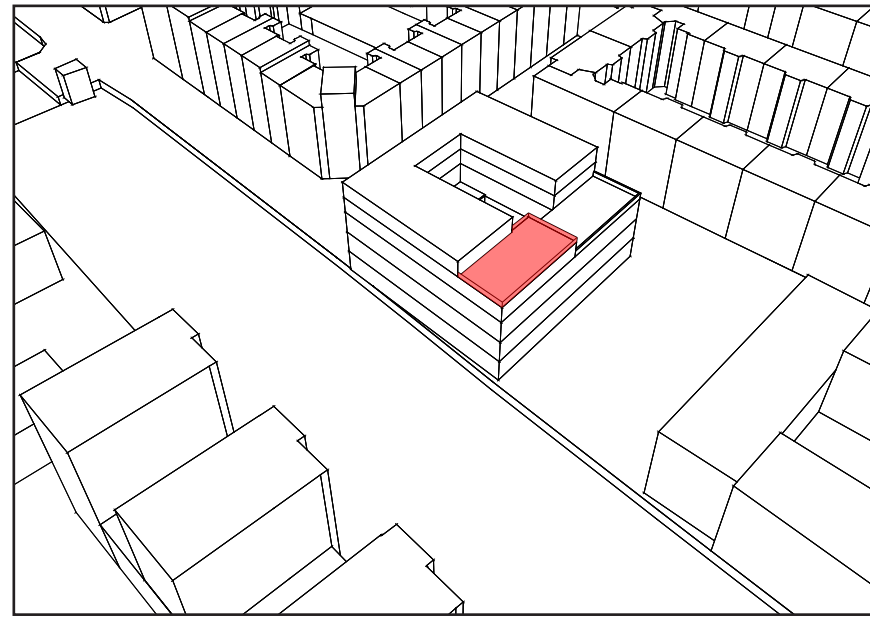
dwelling orientation



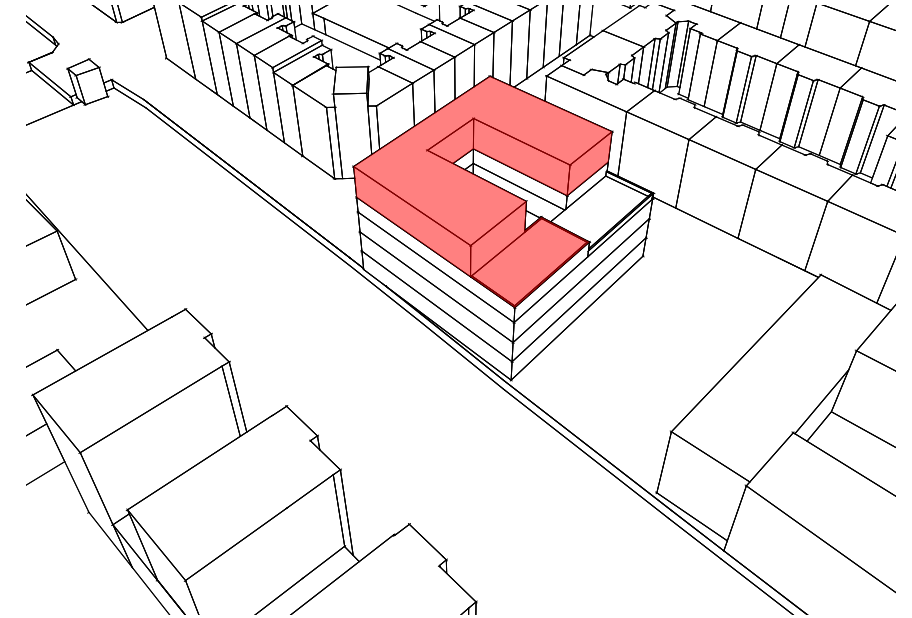
Communal area central



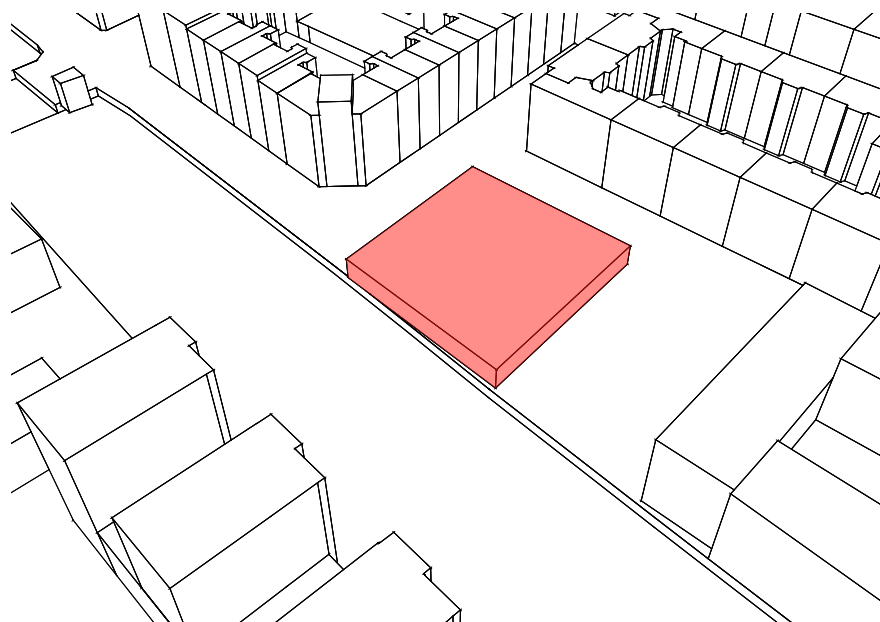
4. New outdoor space east south maxumize light



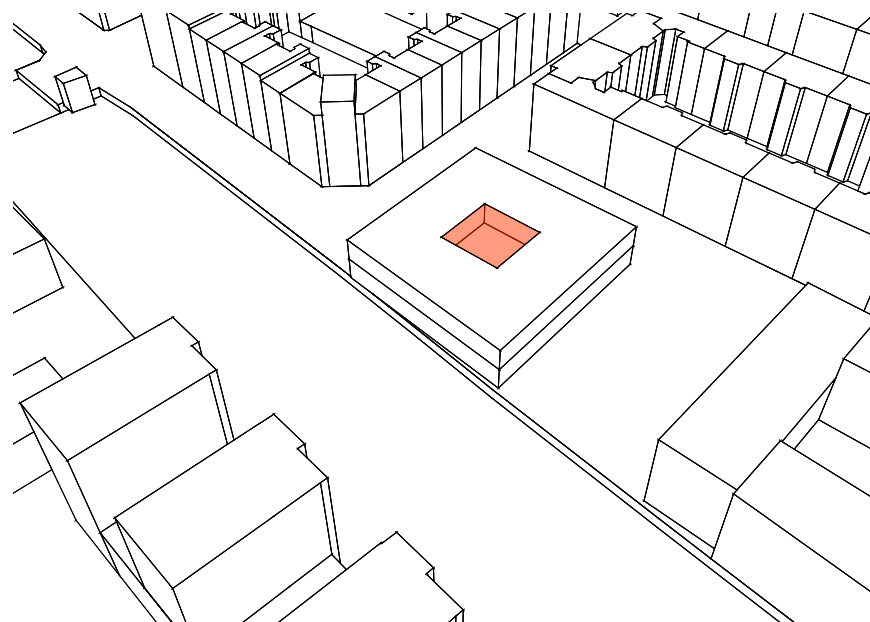
5. New outdoor space west - south maxumize light



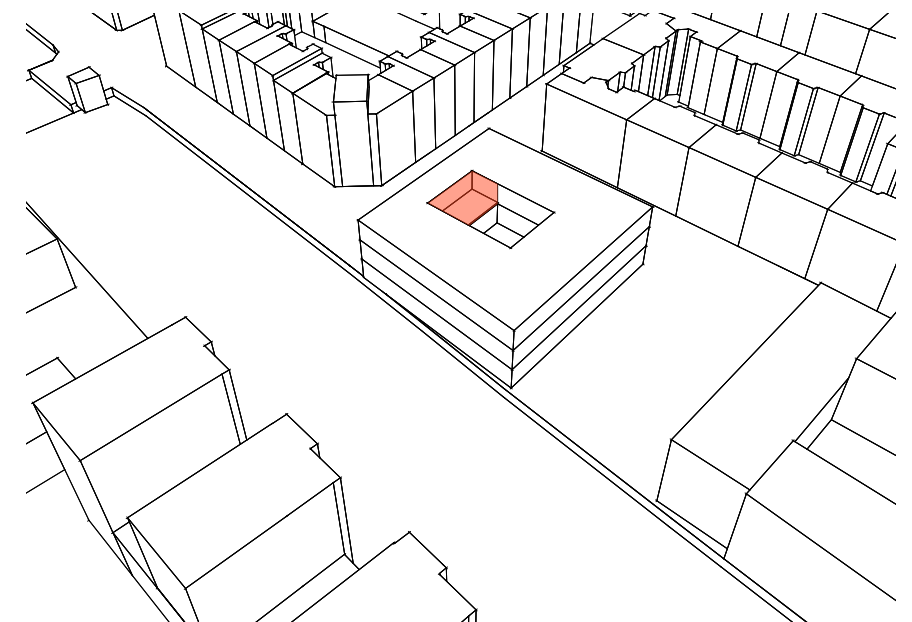
6. New shares outside space increase social interaction



1. Existing ground floor communal space



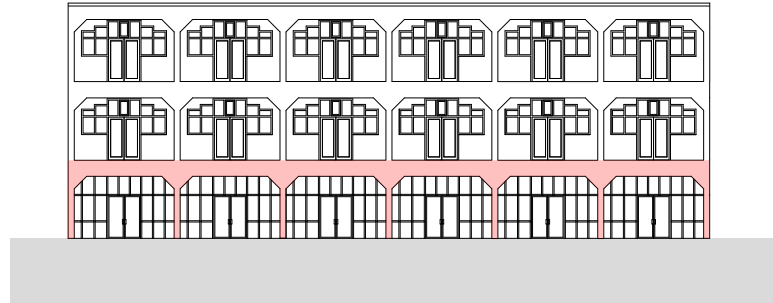
2. Existing openend as courtyard outdoor space



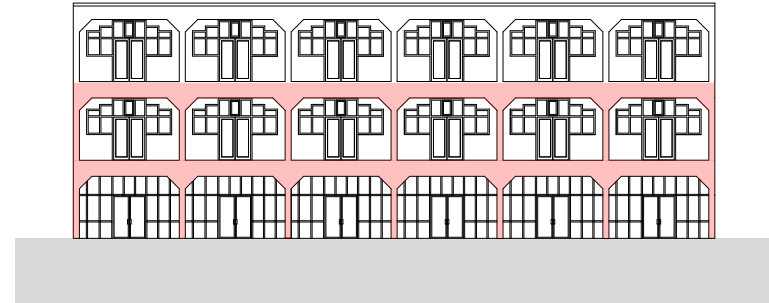
3. Existing increased opening outdoor space each floor



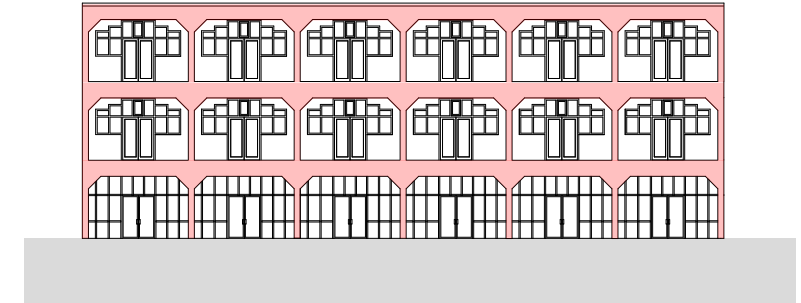
Design strategy: facade



Existing arch shows structural frame



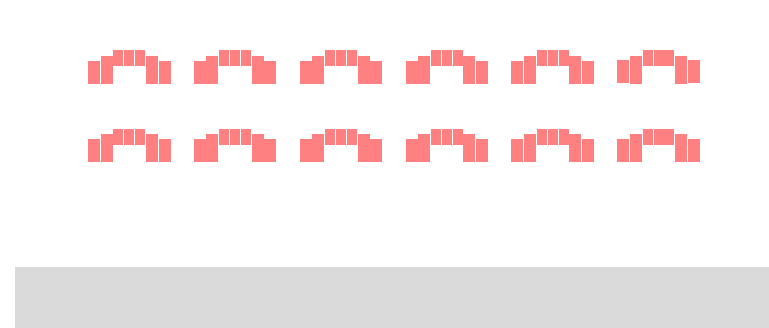
Existing arch is repeated



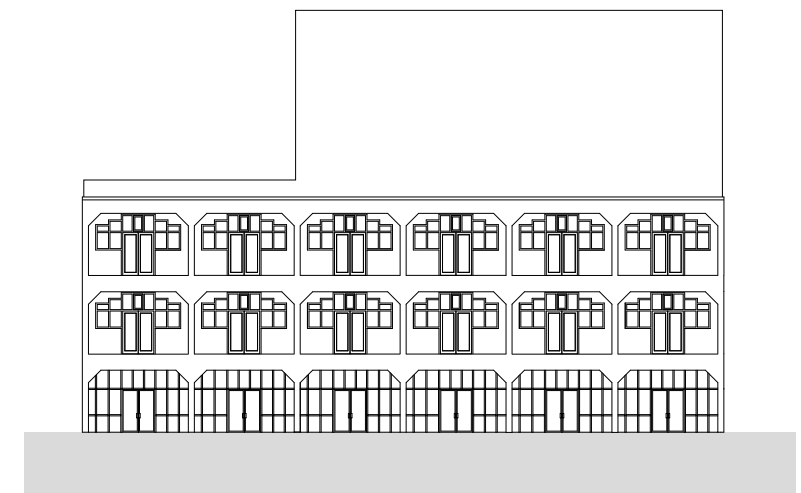
Existing arch is repeated all floors



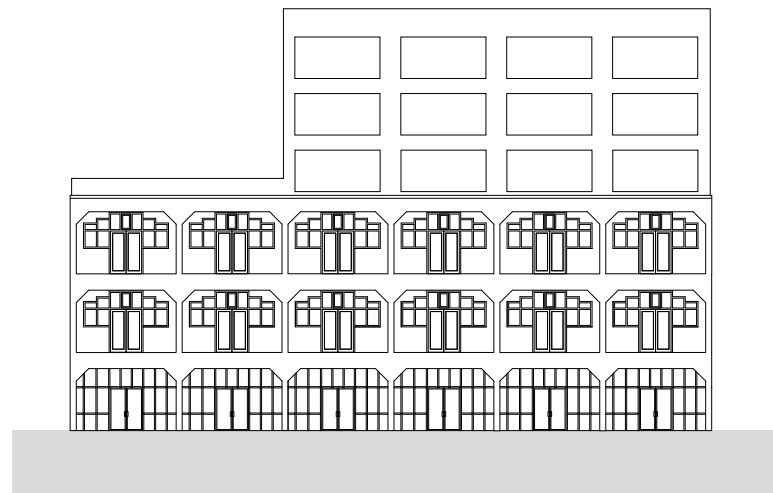
Existing window frame structured from center



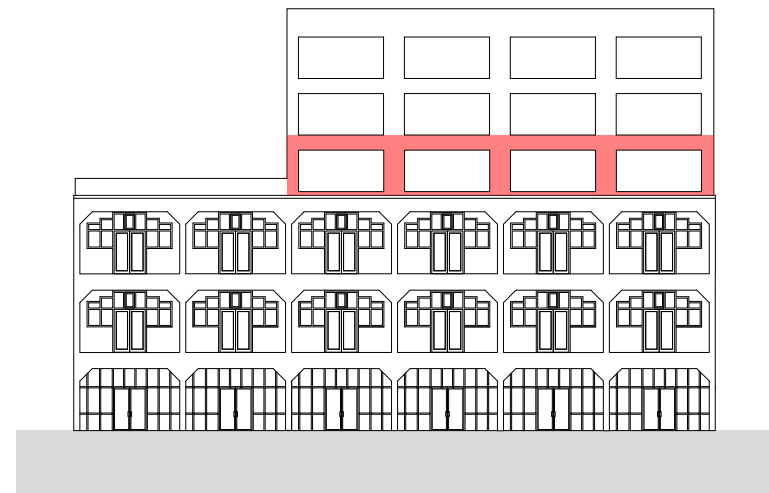
Existing openings in 7 fold



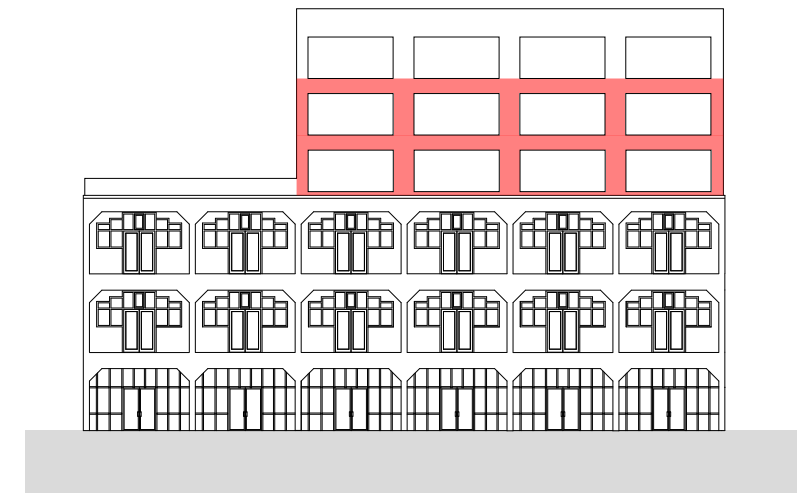
New shape result from building strategy



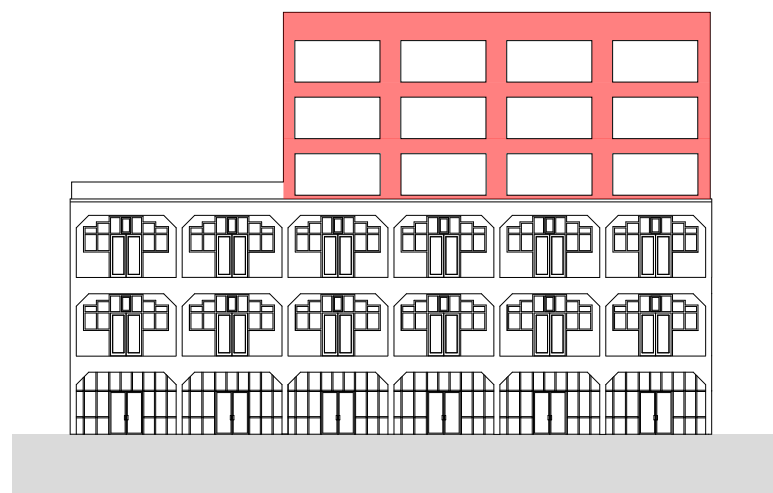
New openings



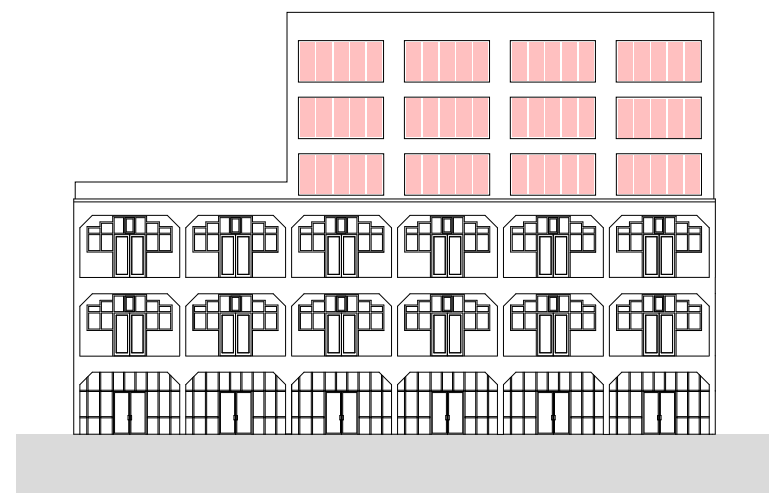
Structural frame is repeated by openings



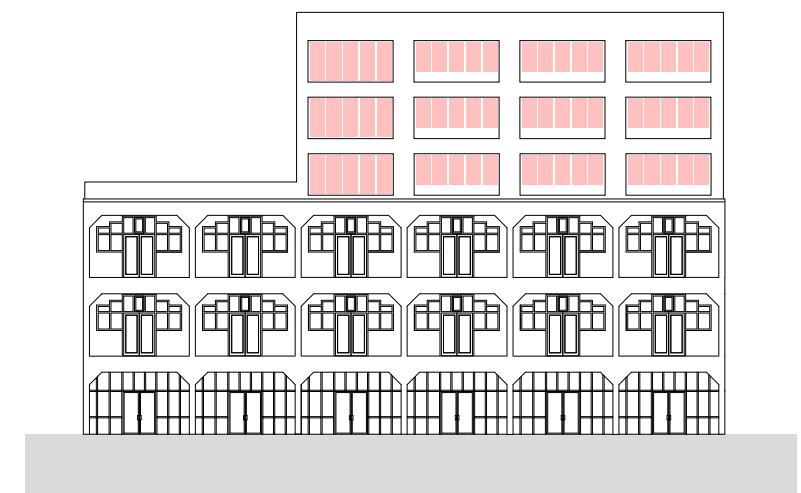
Structural frame is repeated by openings



Structural frame is repeated on all floors



New openings in 5 fold



Difference in panels for functions



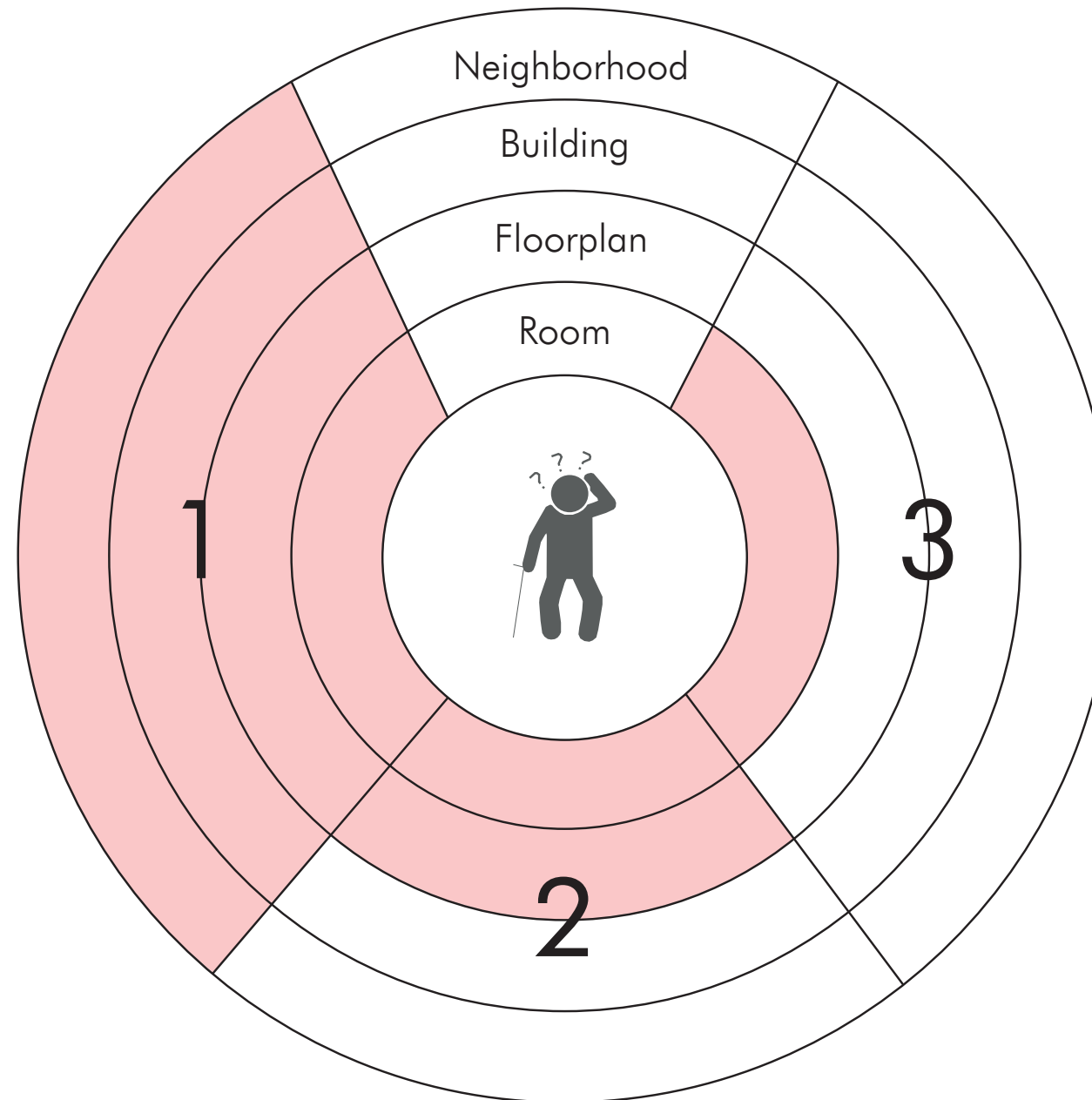
Accessibiliy



Connection with nature



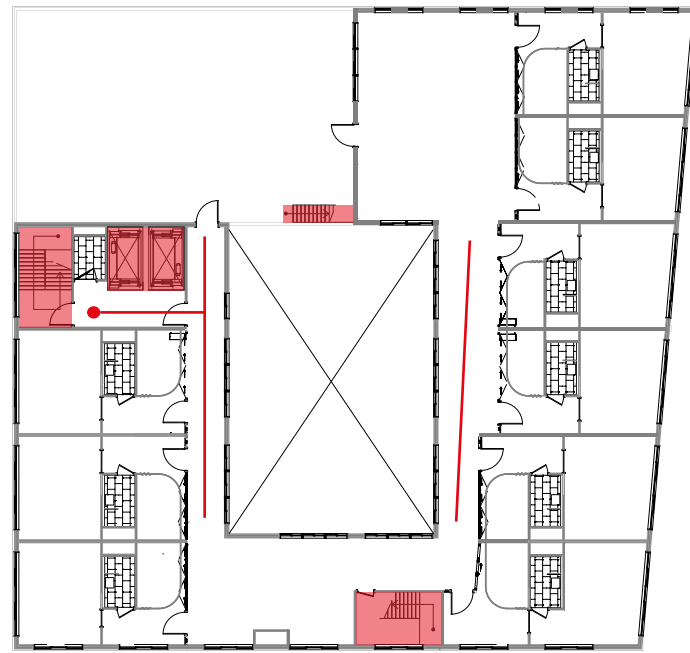
Social interaction



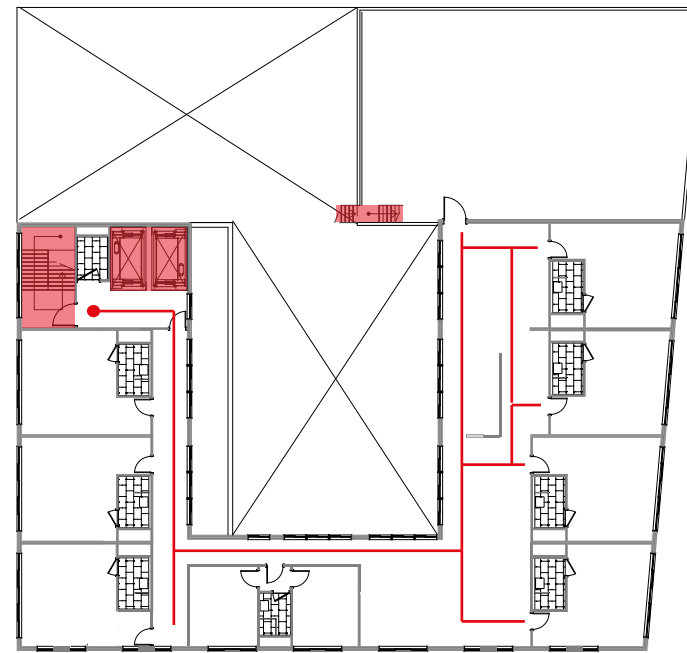
Deterioration dementia & scale of access



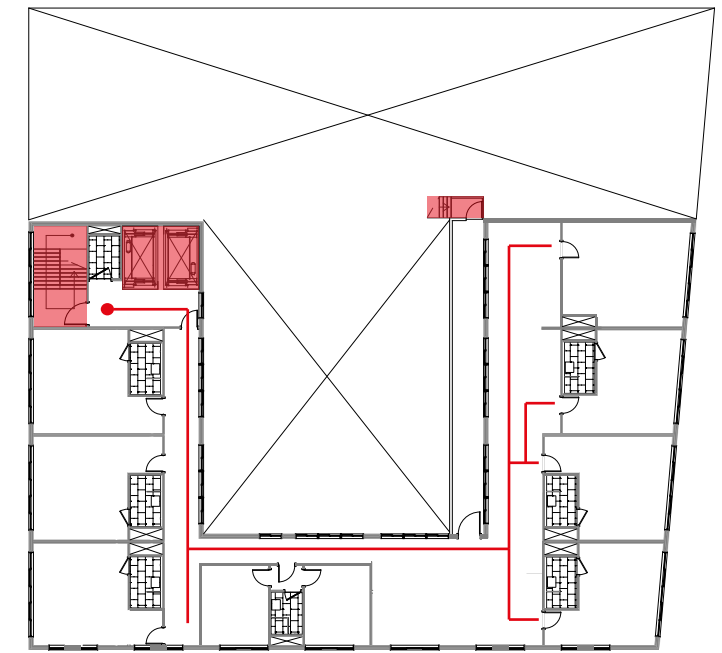
Diagrams: circulation



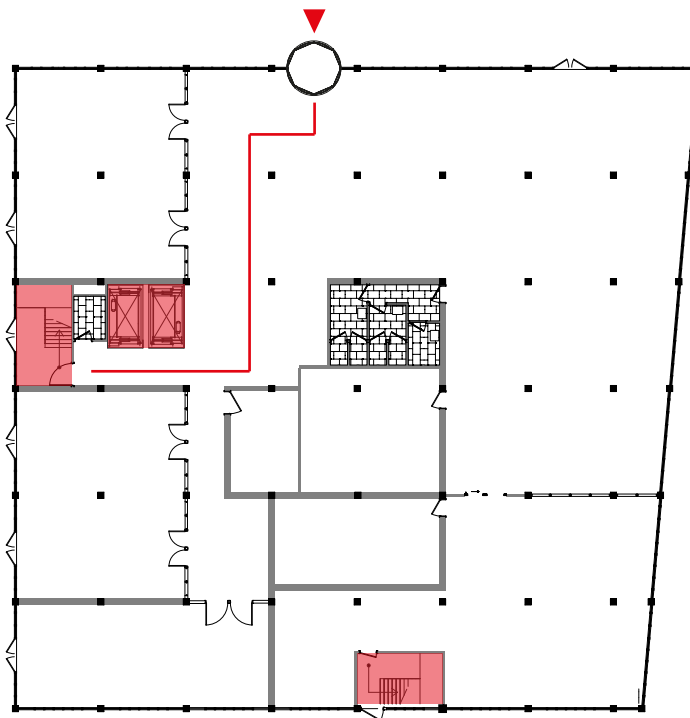
03 Third floor



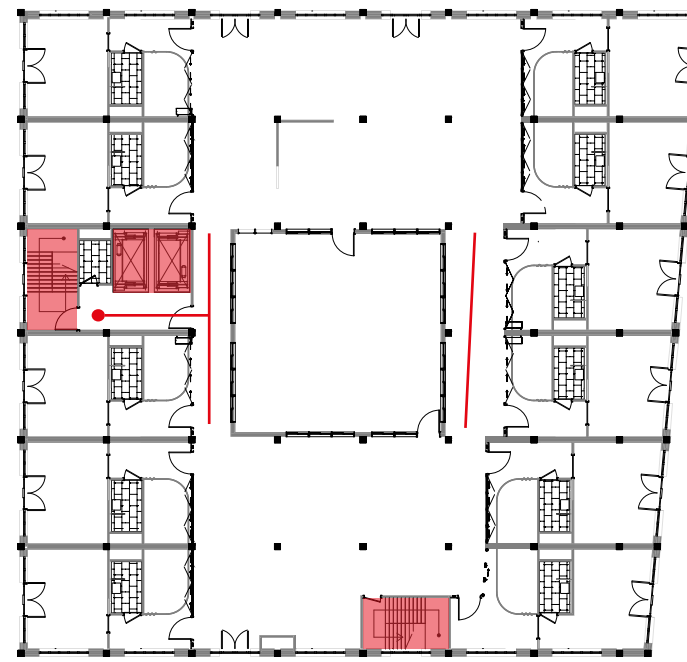
04 Fourth floor



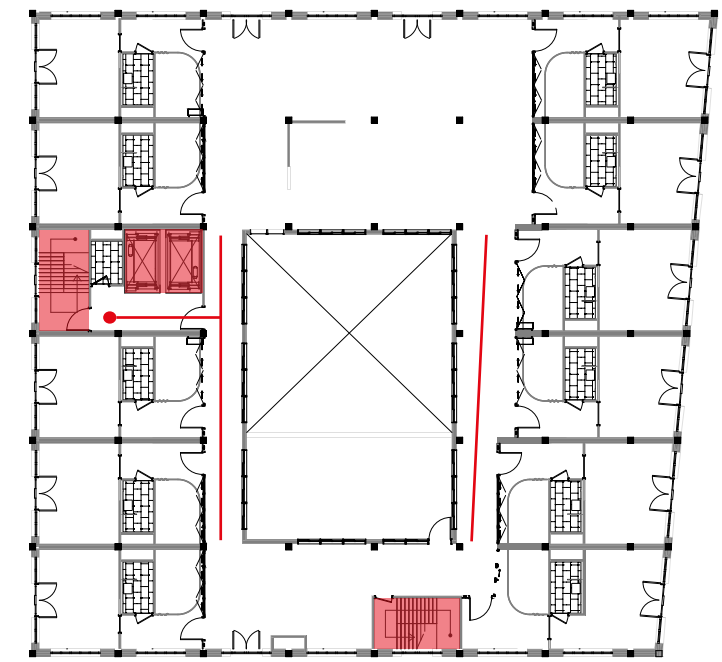
05 Fifth floor



00 Ground floor



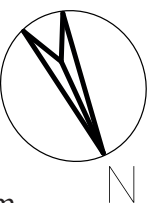
01 First floor



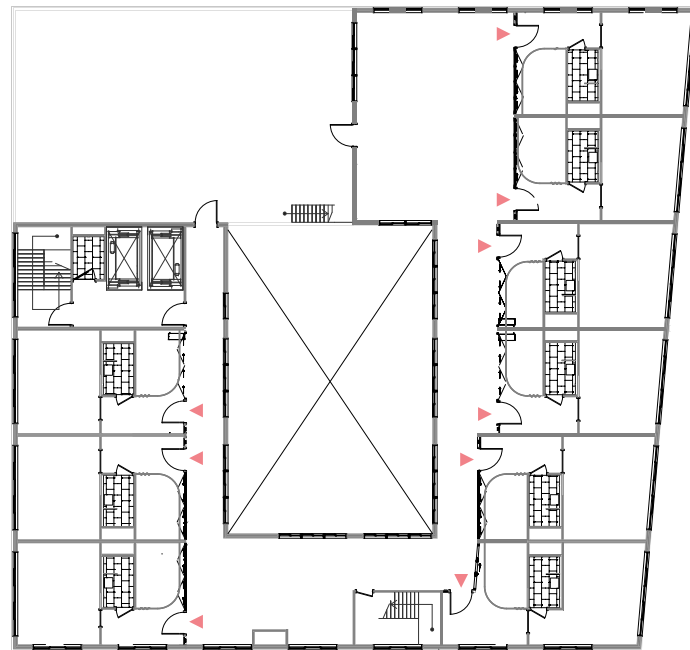
02 Second floor

Scale 1:400

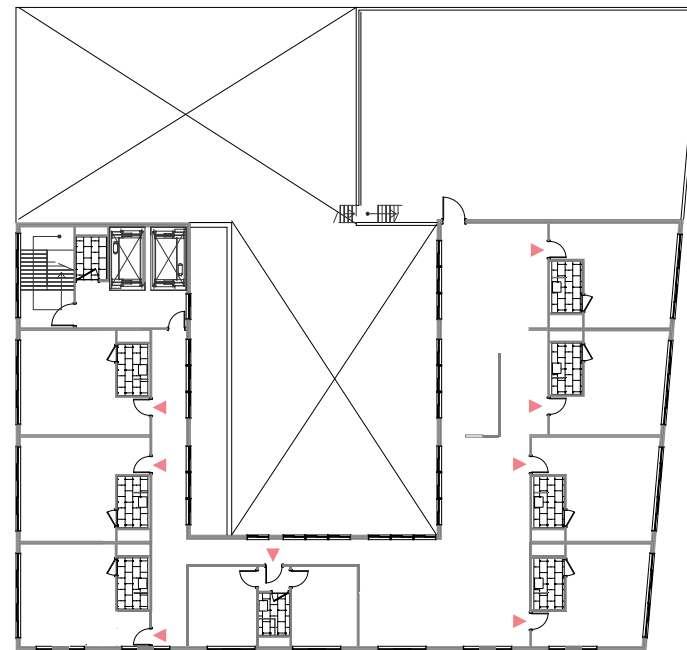
0 400 800 1200 1600 2000 cm



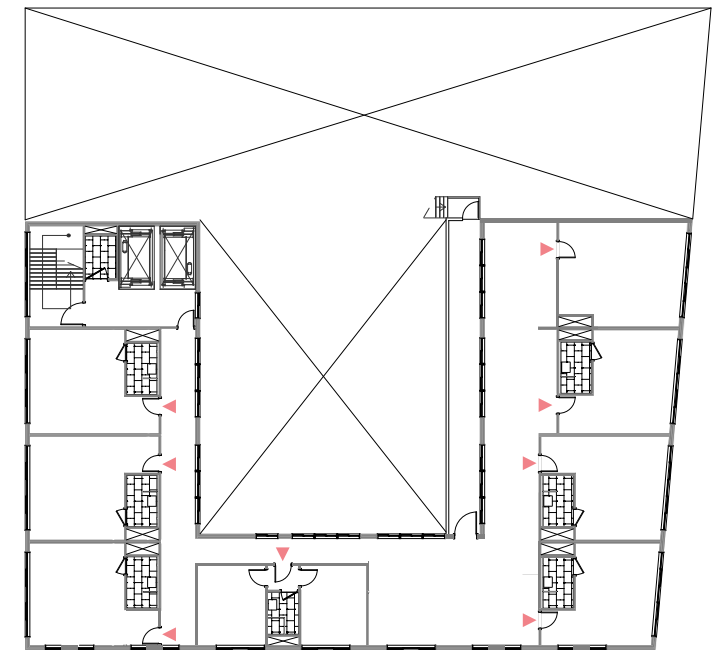
Diagrams: access



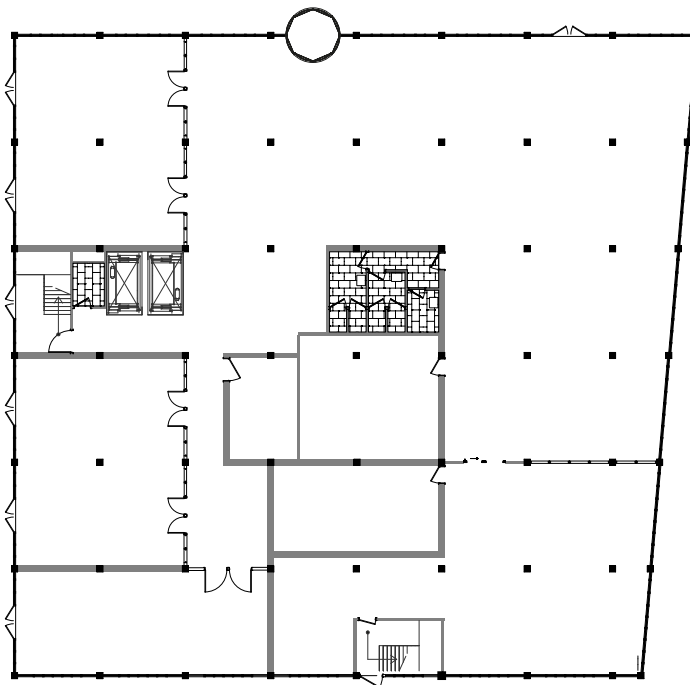
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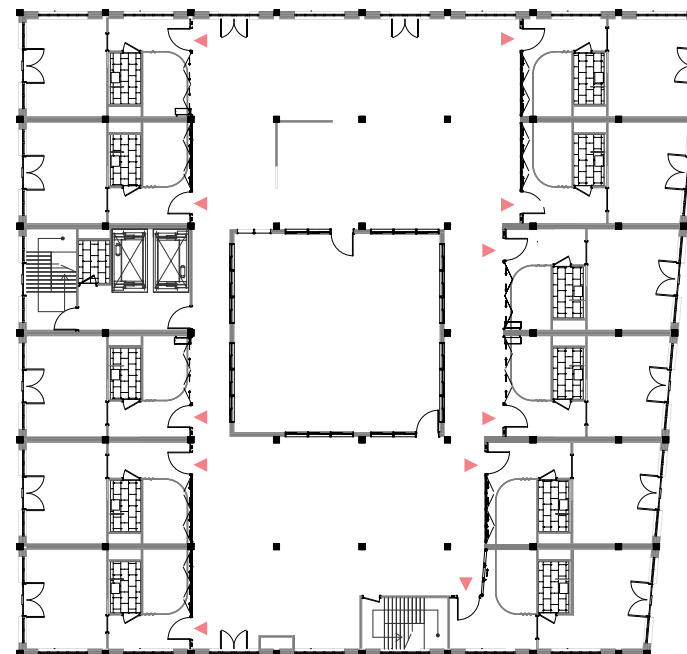
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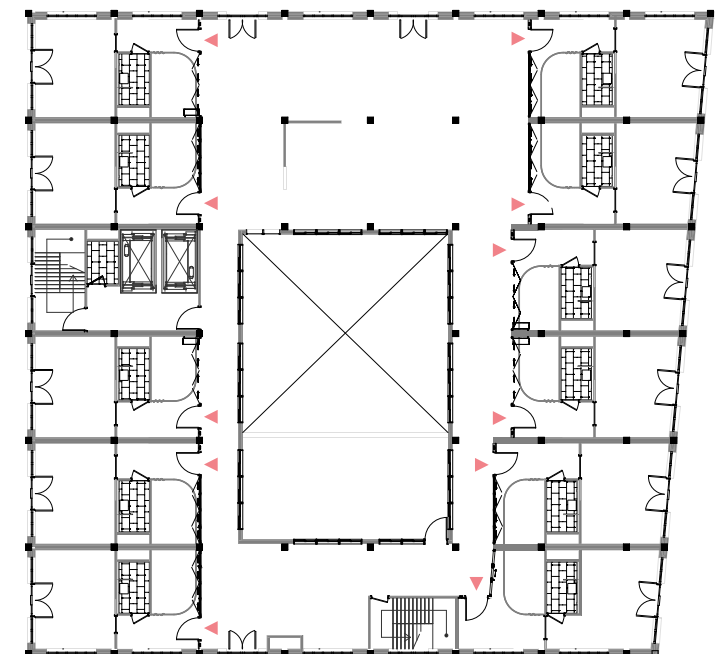
05 Fifth floor



00 Ground floor

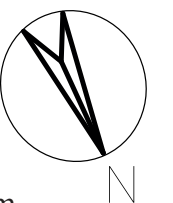
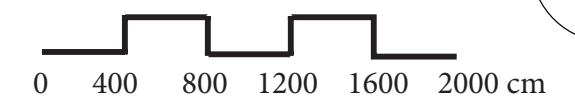


01 First floor



02 Second floor

Scale 1:400

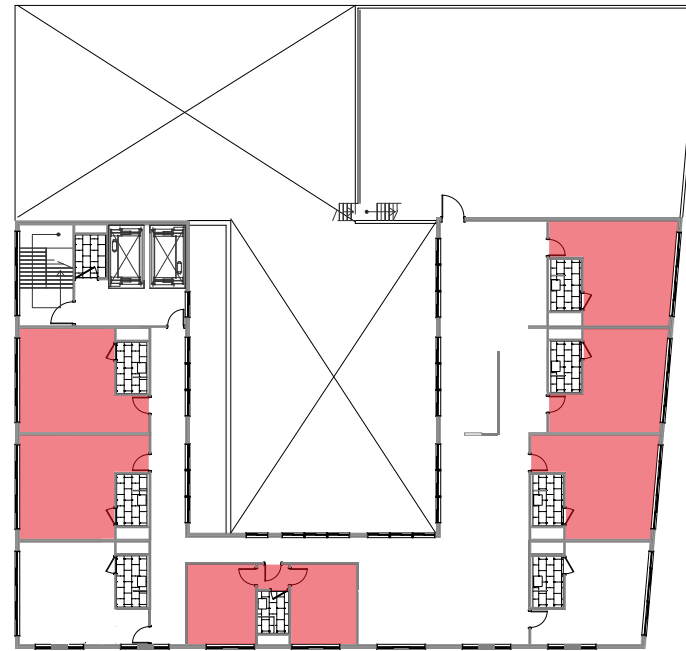




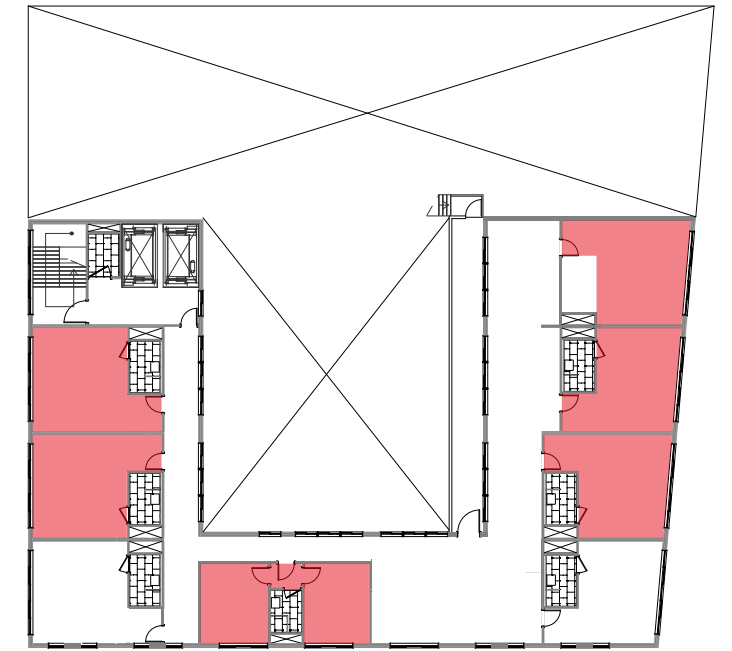
Diagrams: orientation single



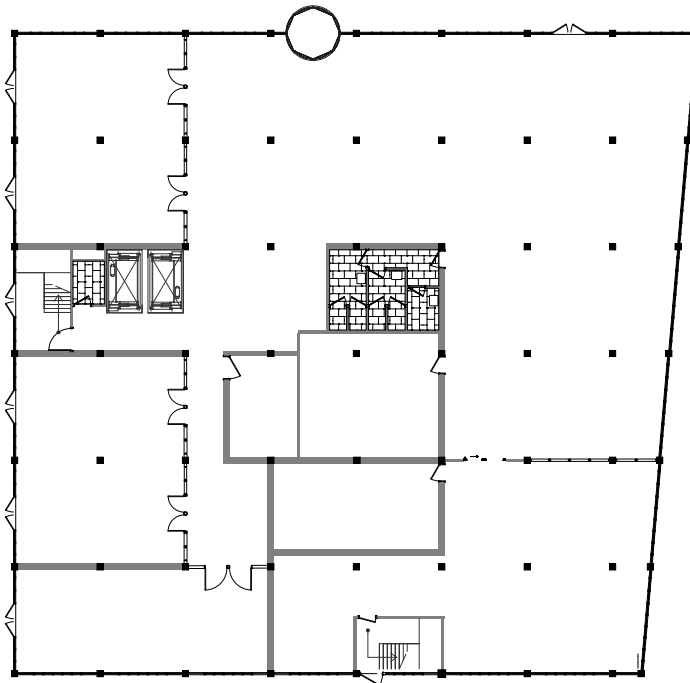
03 Third floor



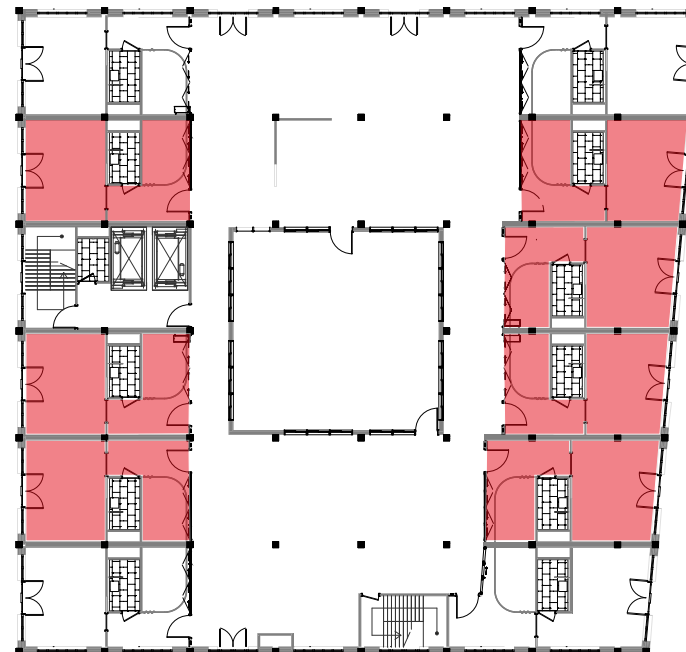
04 Fourth floor



05 Fifth floor



00 Ground floor

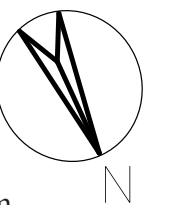
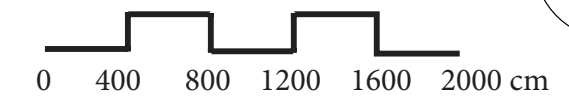


01 First floor

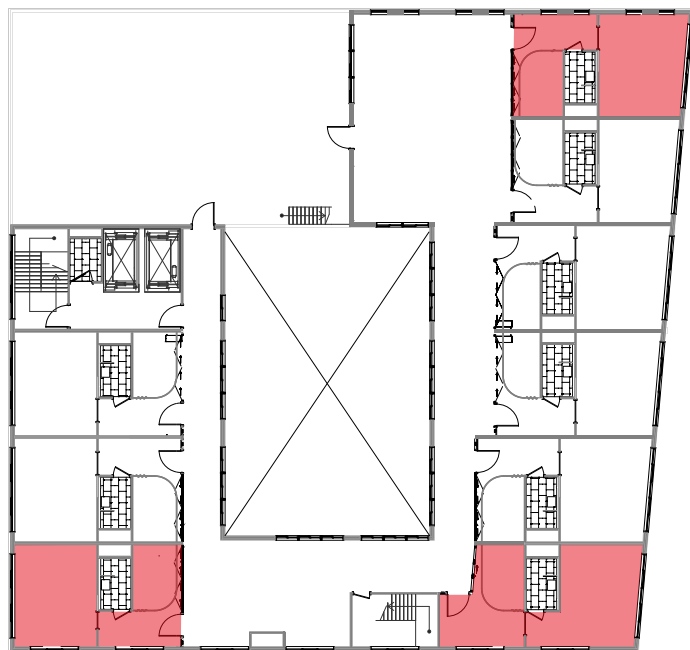


02 Second floor

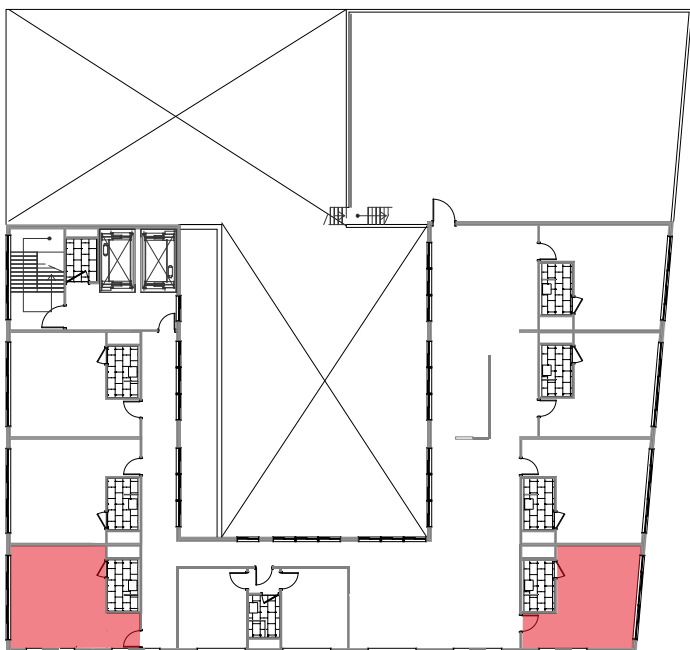
Scale 1:400



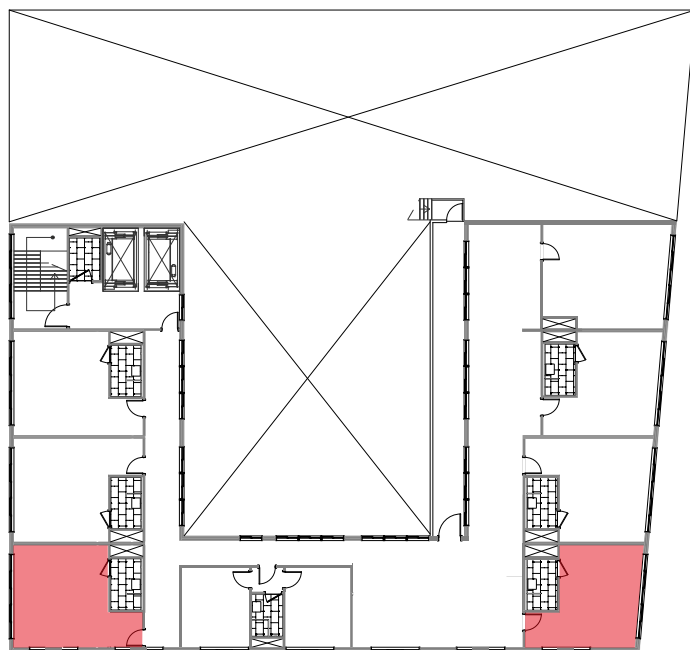
Diagrams: orientation dual



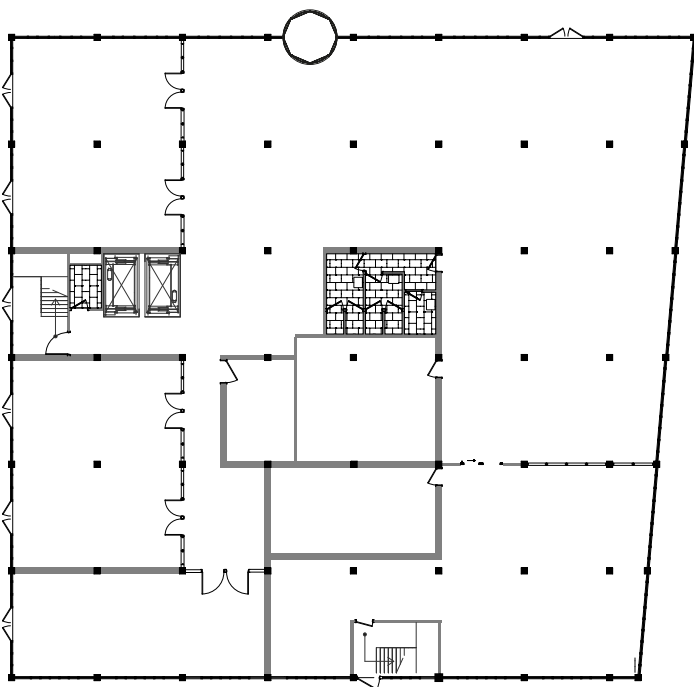
03 Third floor



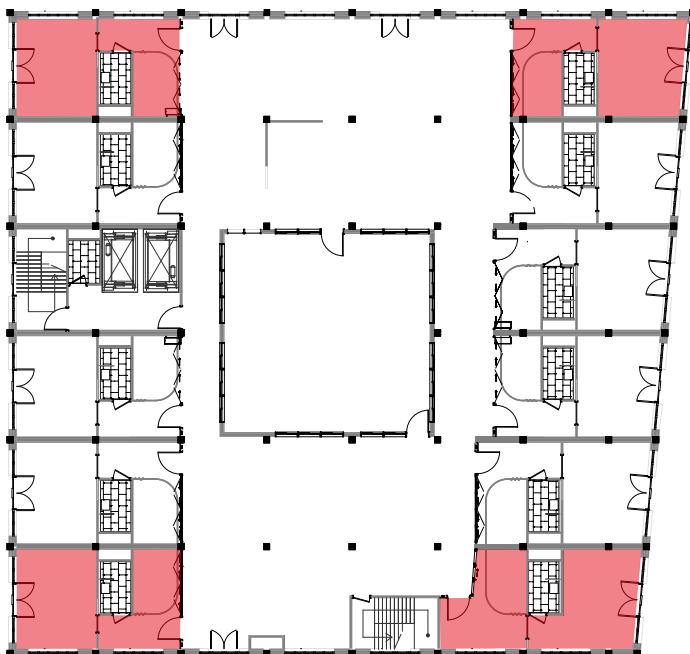
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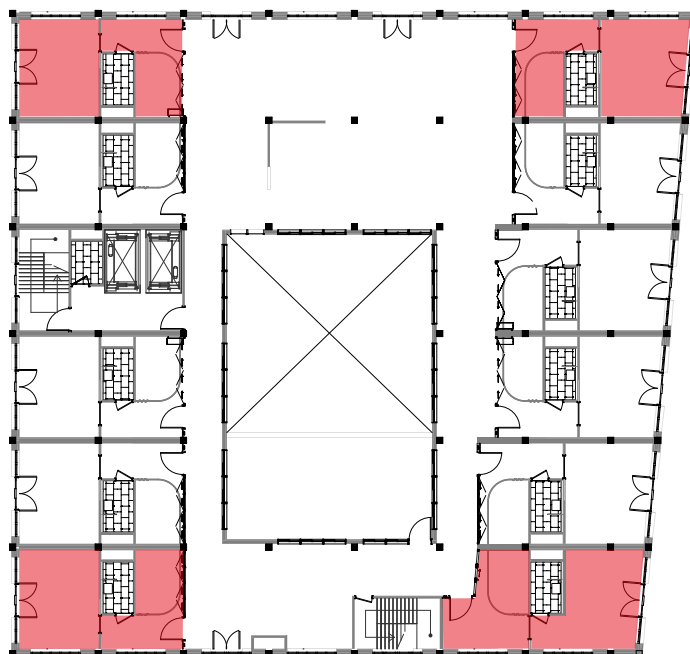
05 Fifth floor



00 Ground floor

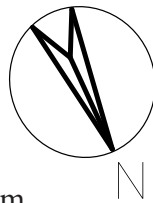


01 First floor



02 Second floor

Scale 1:400

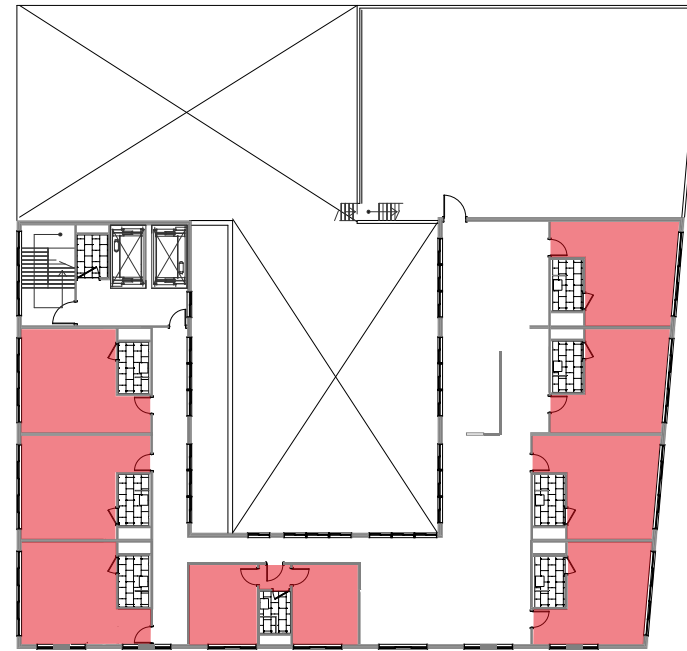




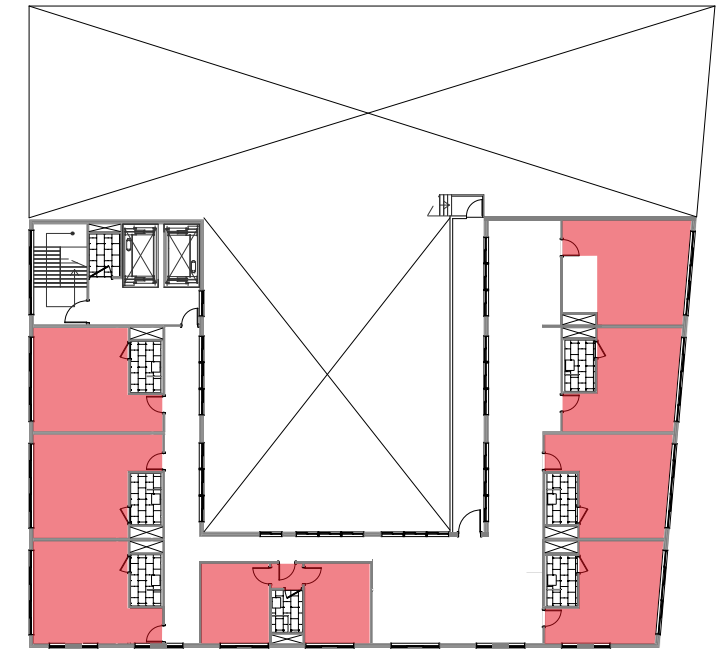
Diagrams: private space



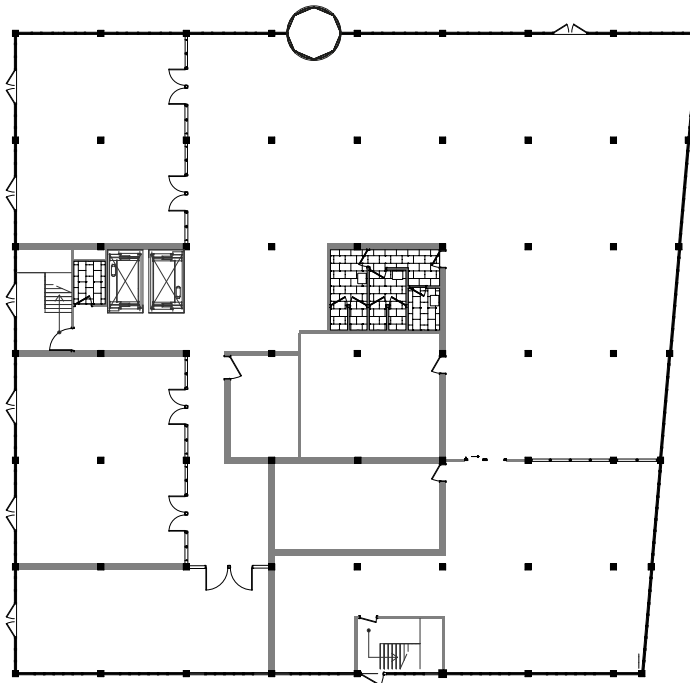
03 Third floor



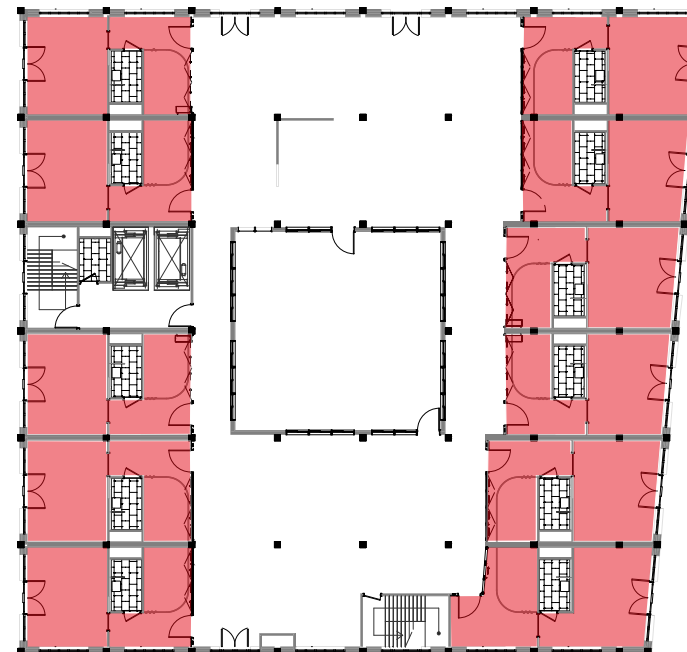
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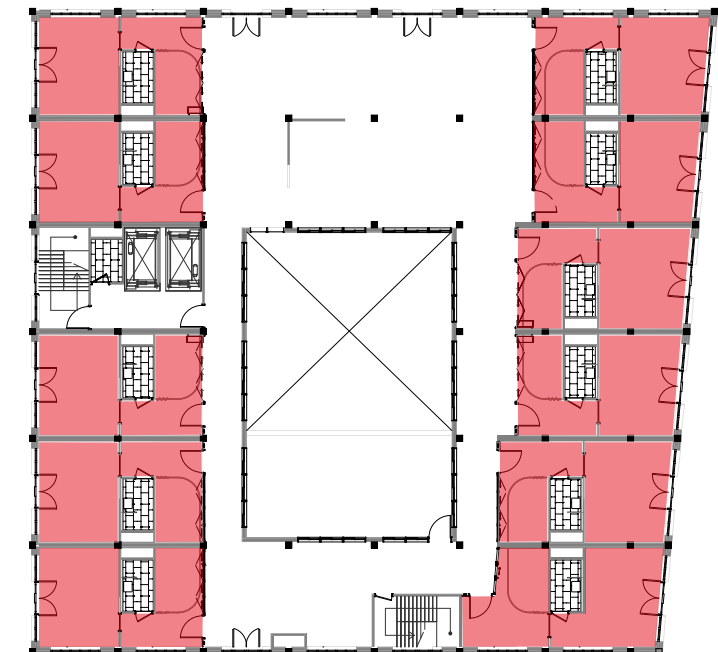
05 Fifth floor



00 Ground floor

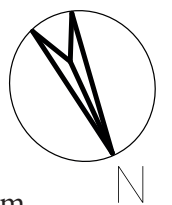
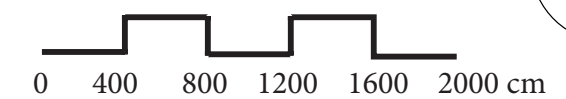


01 First floor

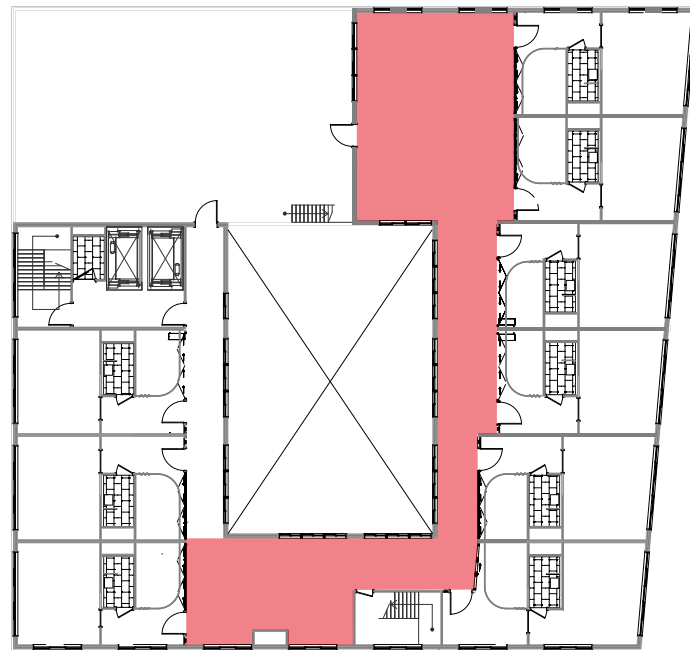


02 Second floor

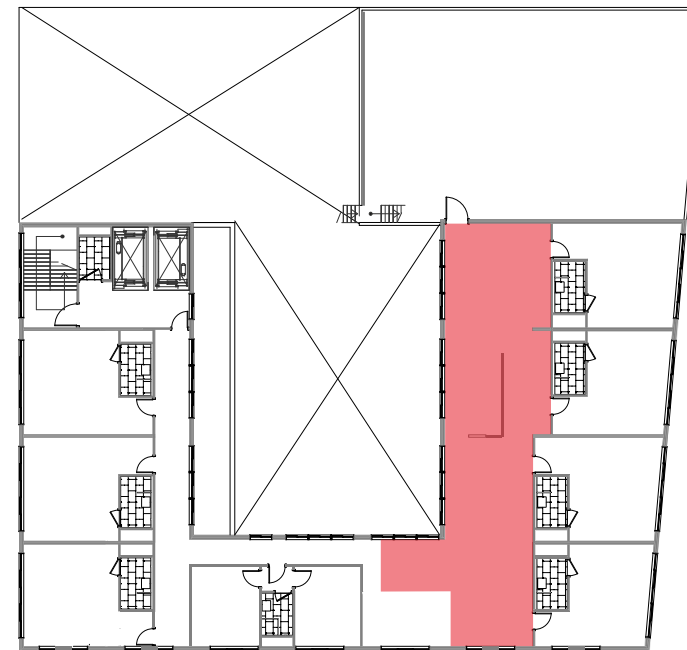
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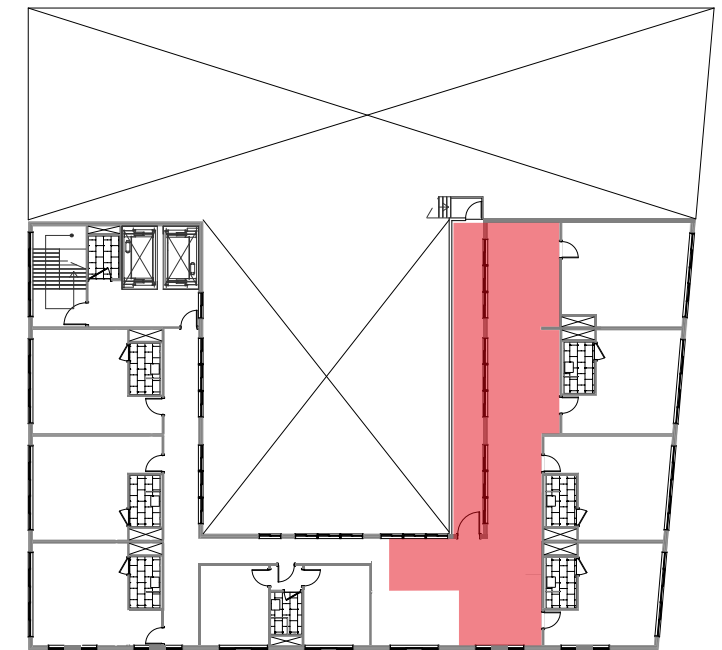
Diagrams: communal space



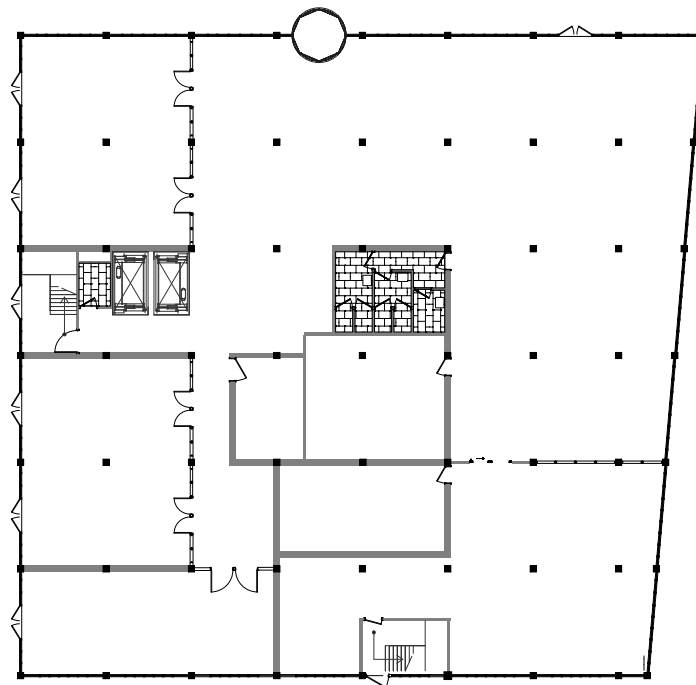
03 Third floor



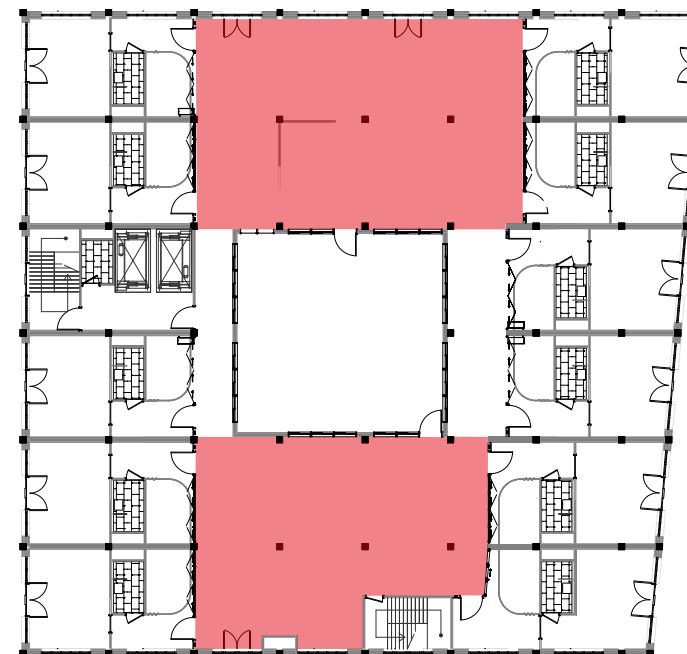
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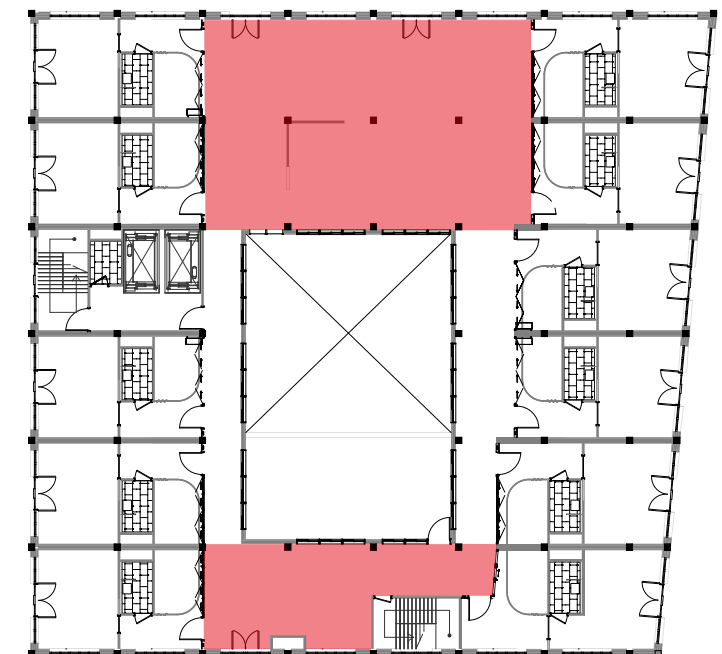
05 Fifth floor



00 Ground floor

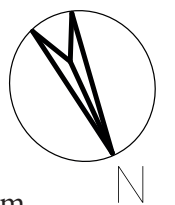
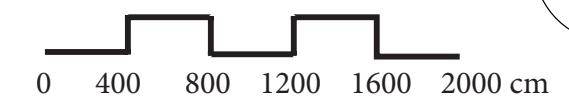


01 First floor



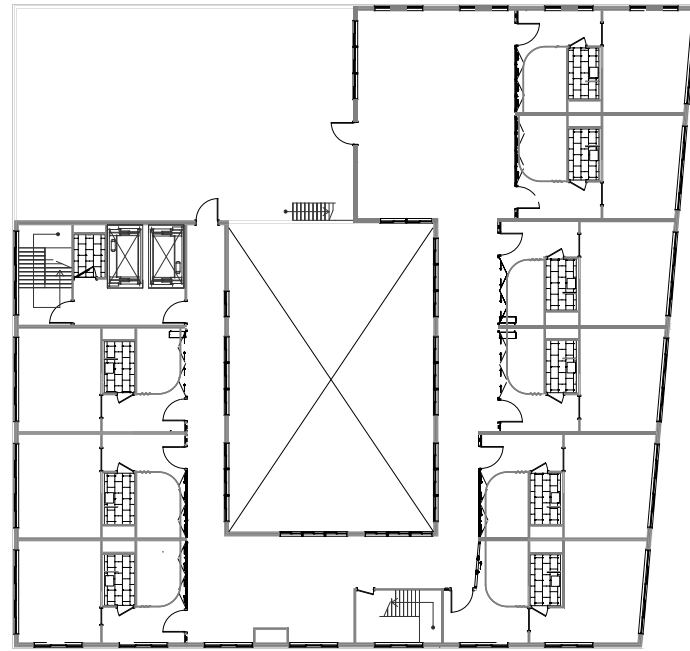
02 Second floor

Scale 1:400

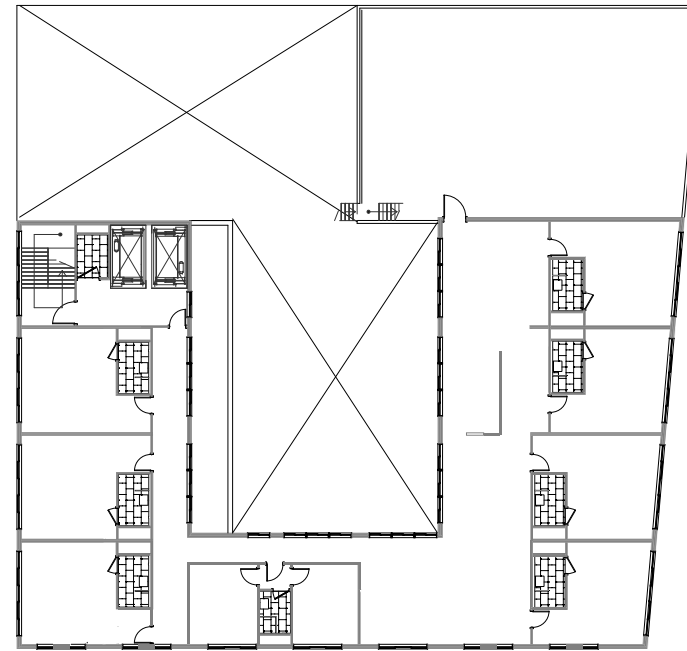




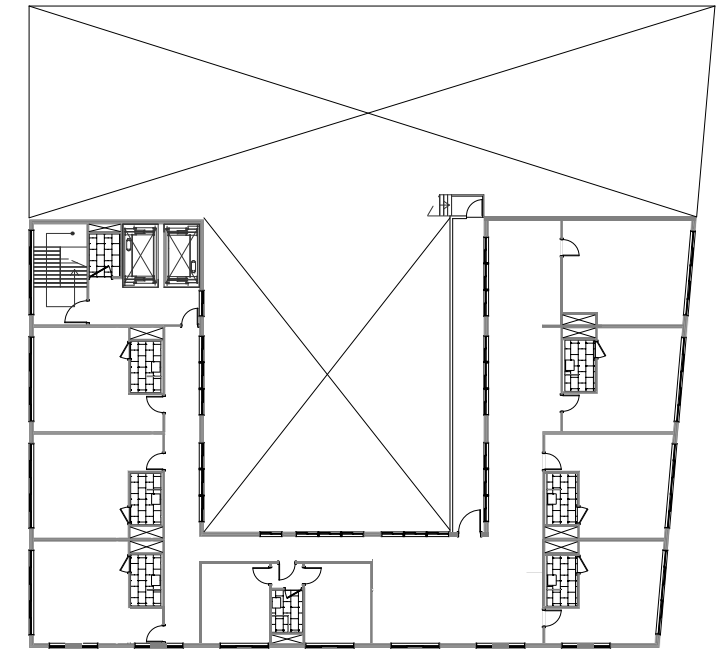
Diagrams: public space



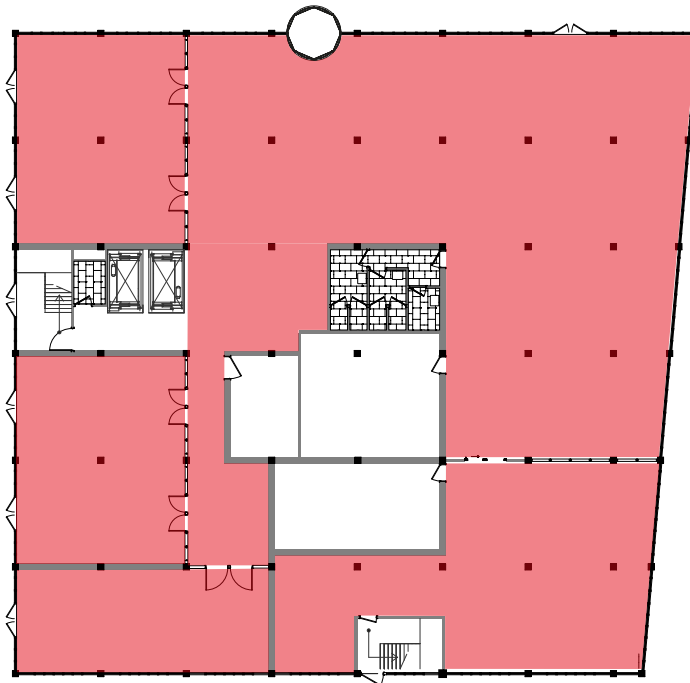
03 Third floor



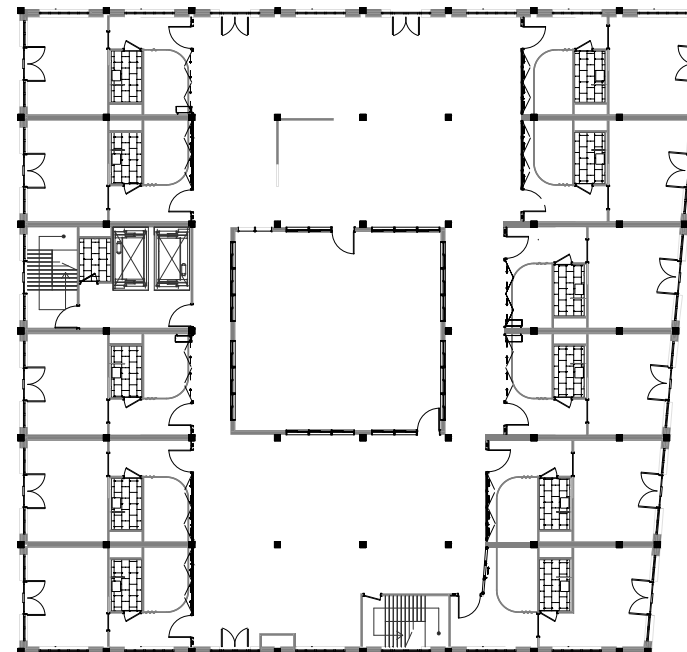
04 Fourth floor



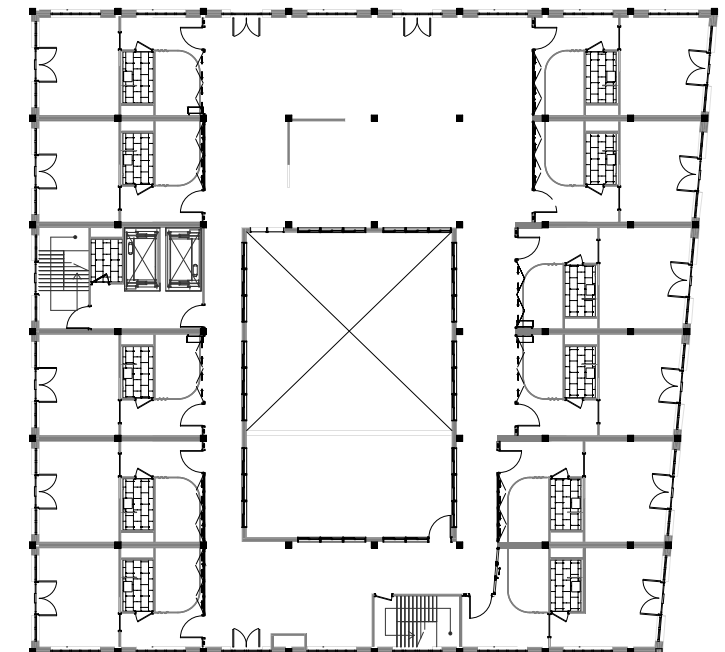
05 Fifth floor



00 Ground floor

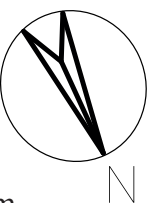
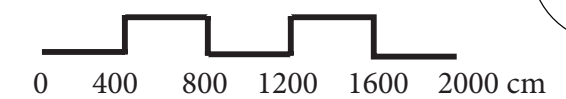


01 First floor



02 Second floor

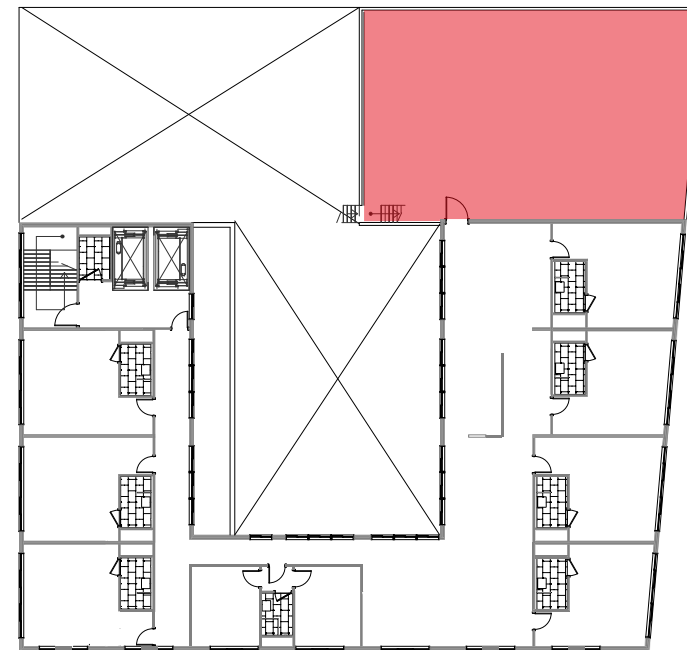
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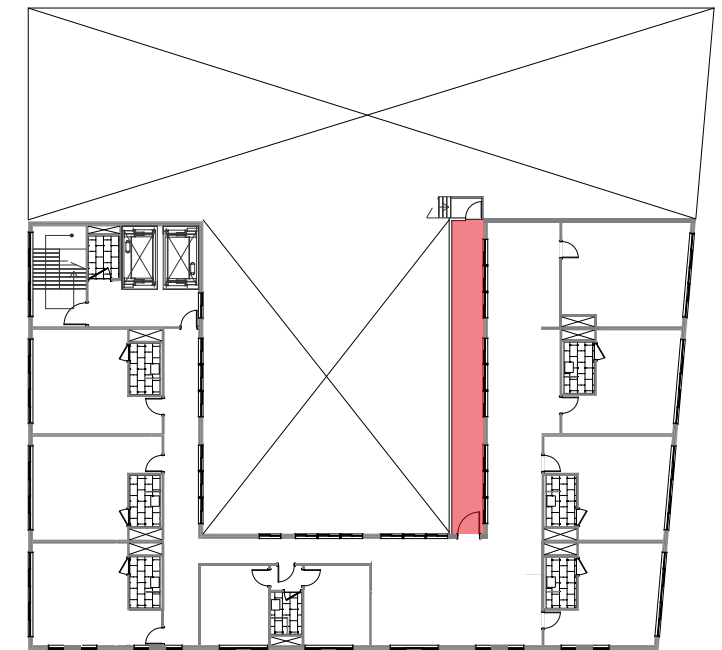
Diagrams: outdoor space



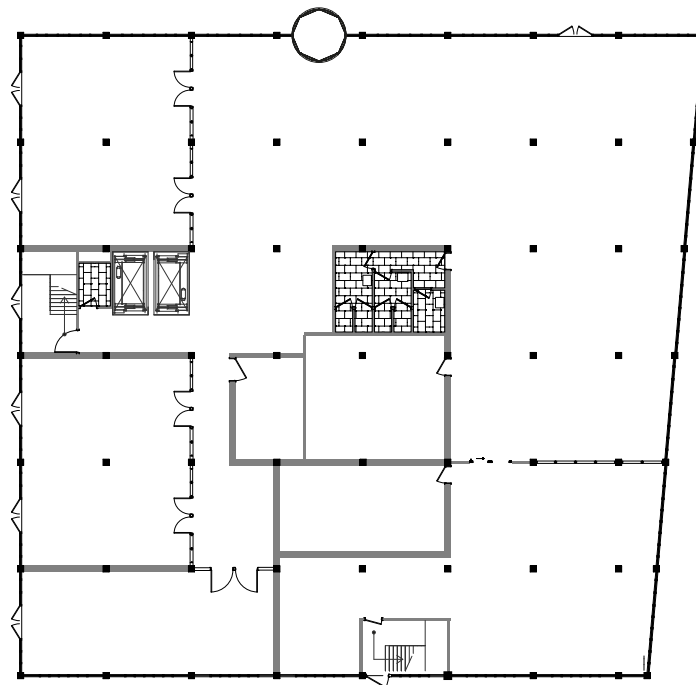
03 Third floor



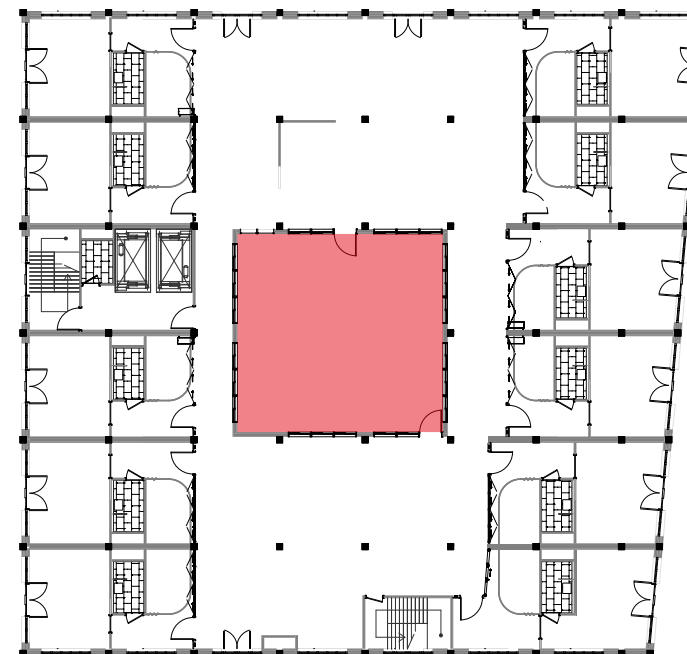
04 Fourth floor



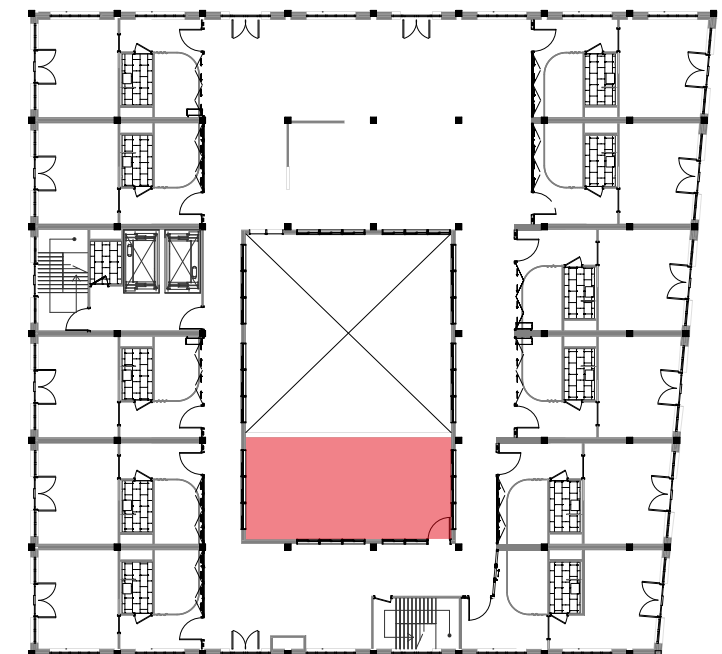
05 Fifth floor



00 Ground floor

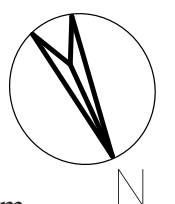
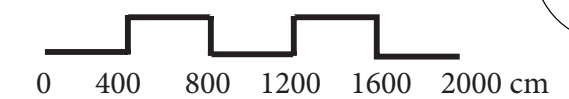


01 First floor



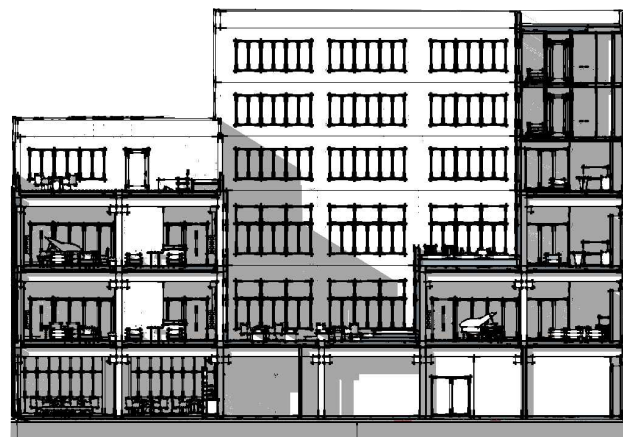
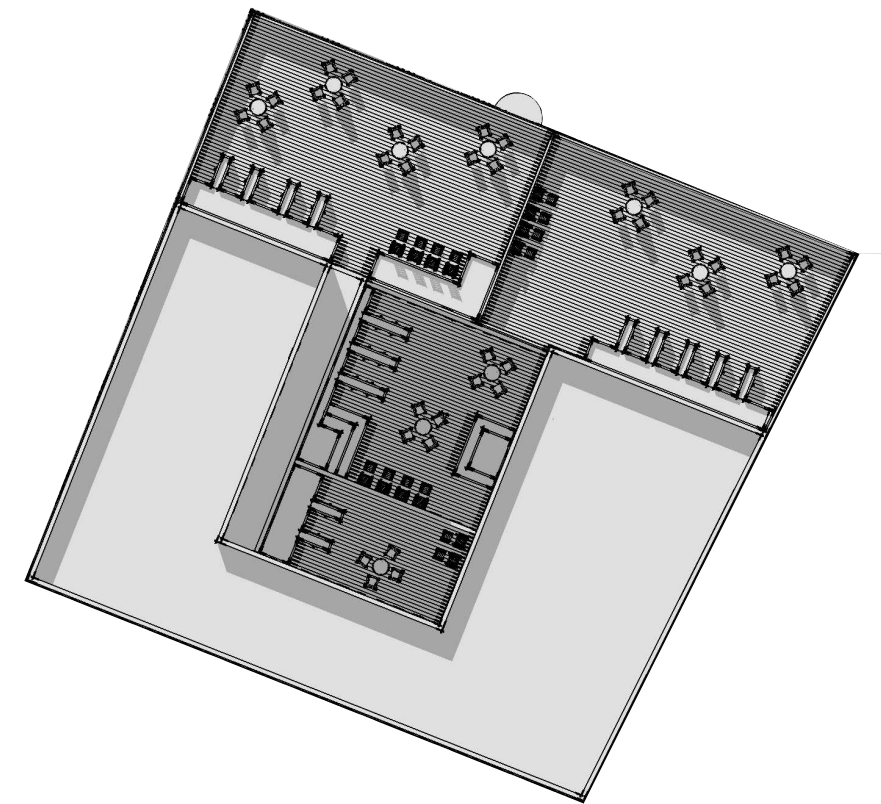
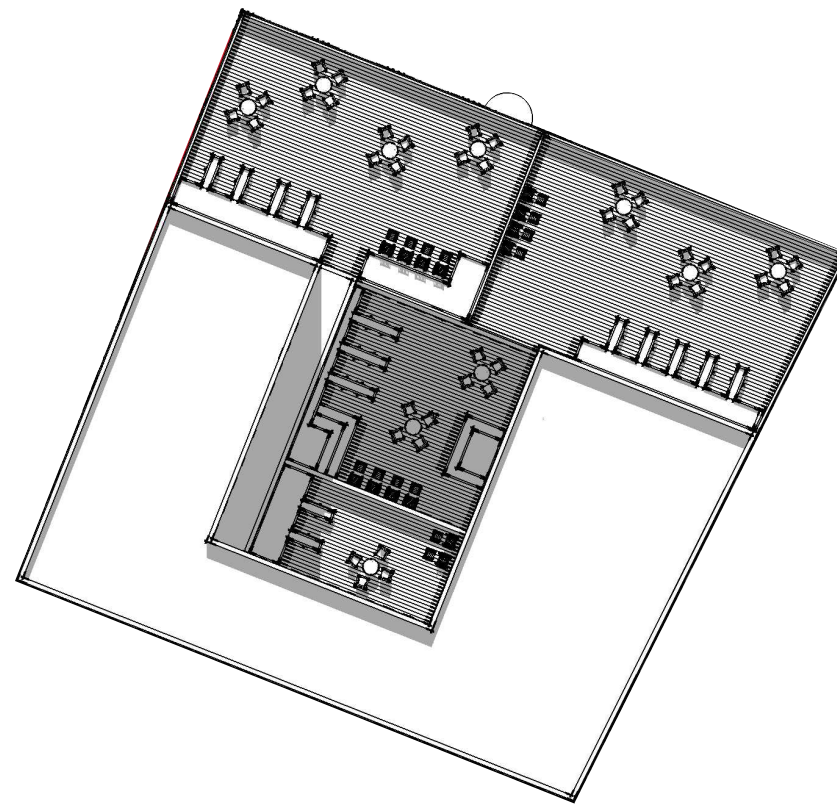
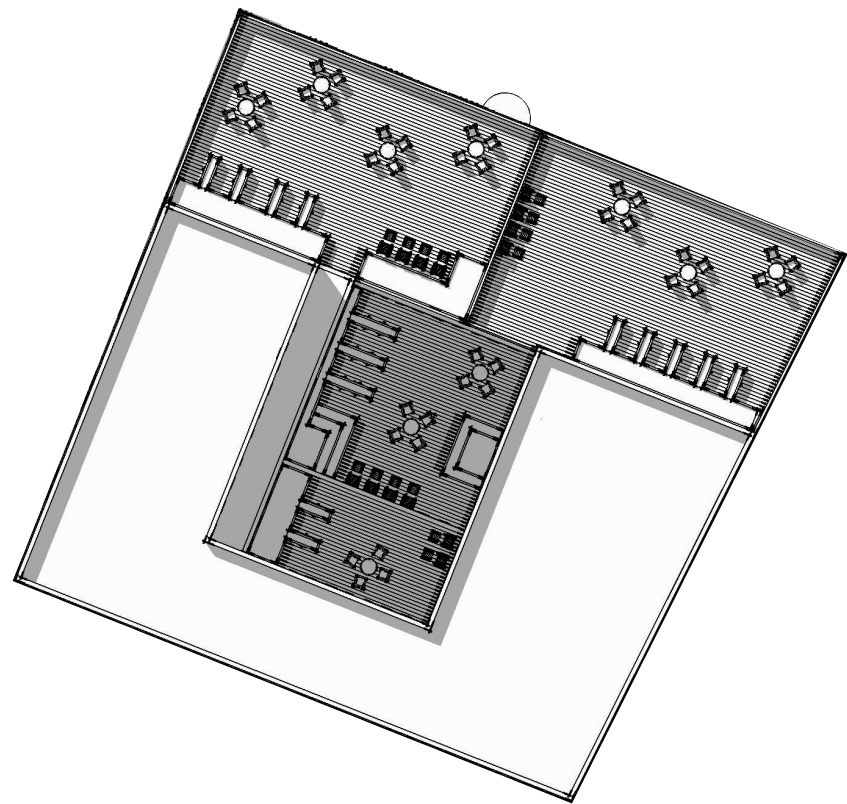
02 Second floor

Scale 1:400





Diagrams: shading



12.00 21-03



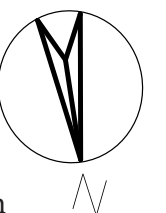
12.00 21-06

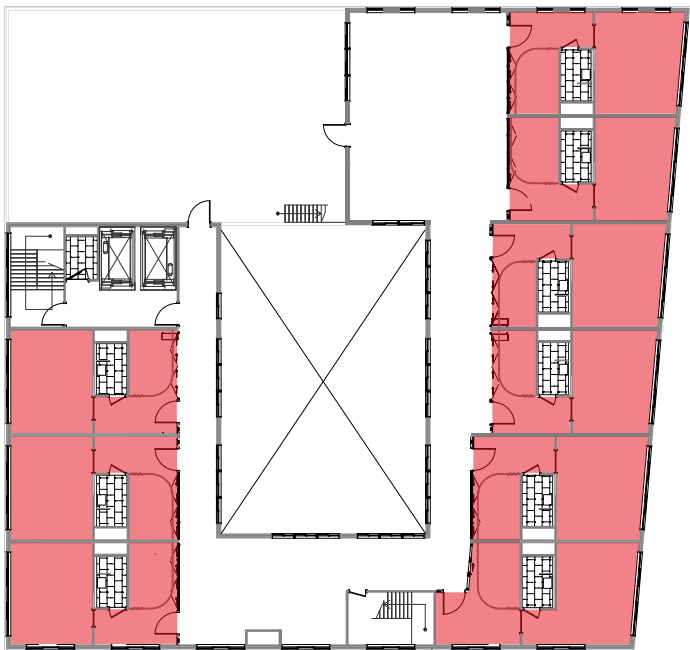


12.00 21-09

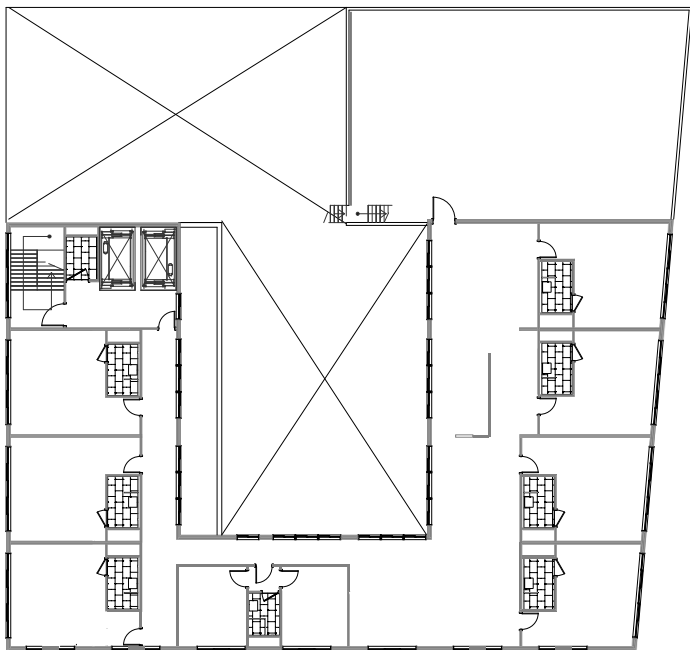
Scale 1:400

0 400 800 1200 1600 2000 cm

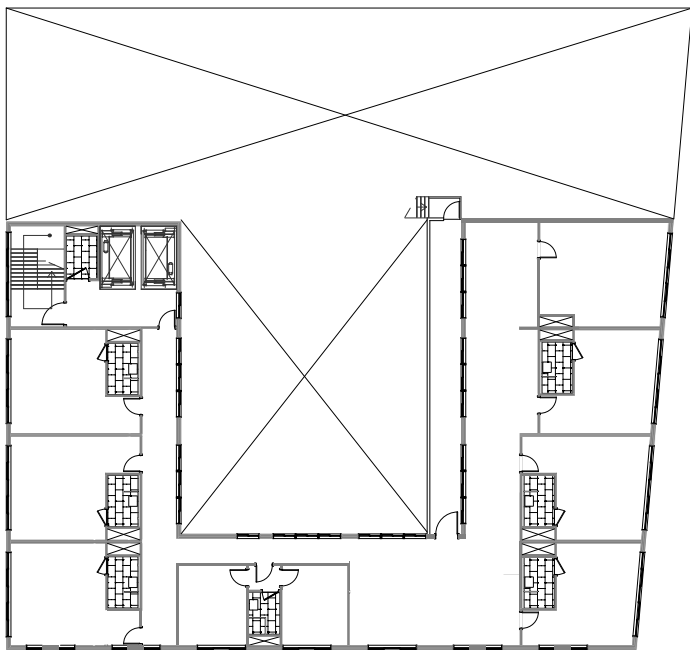




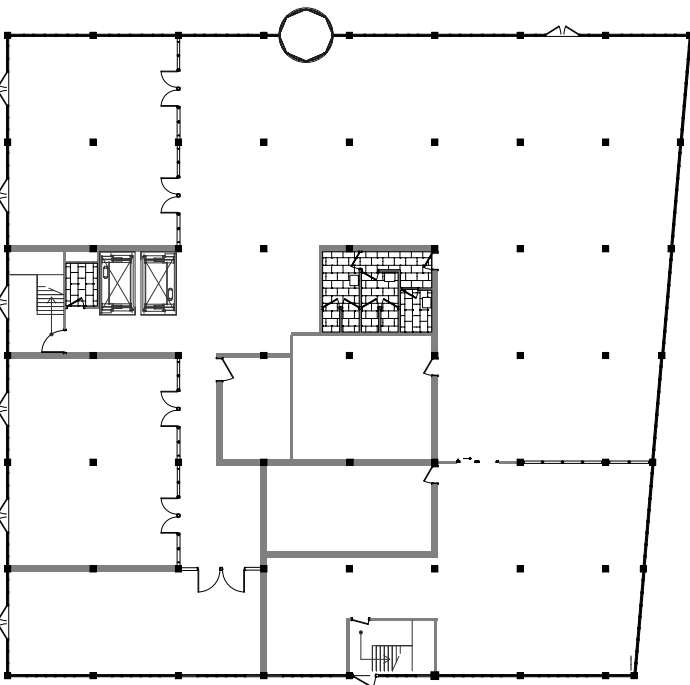
03 Third floor



04 Fourth floor



05 Fifth floor



00 Ground floor

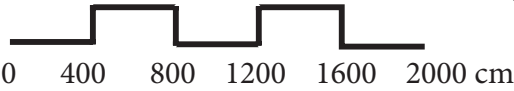


01 First floor



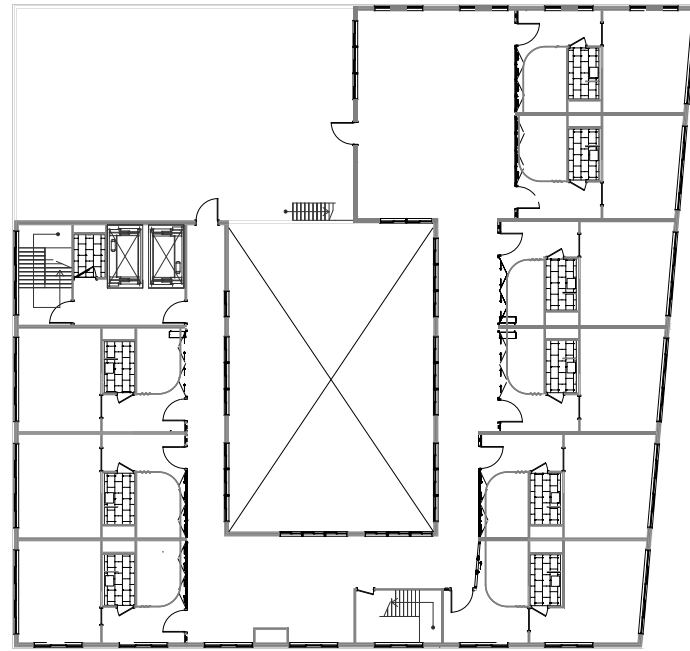
02 Second floor

Scale 1:400

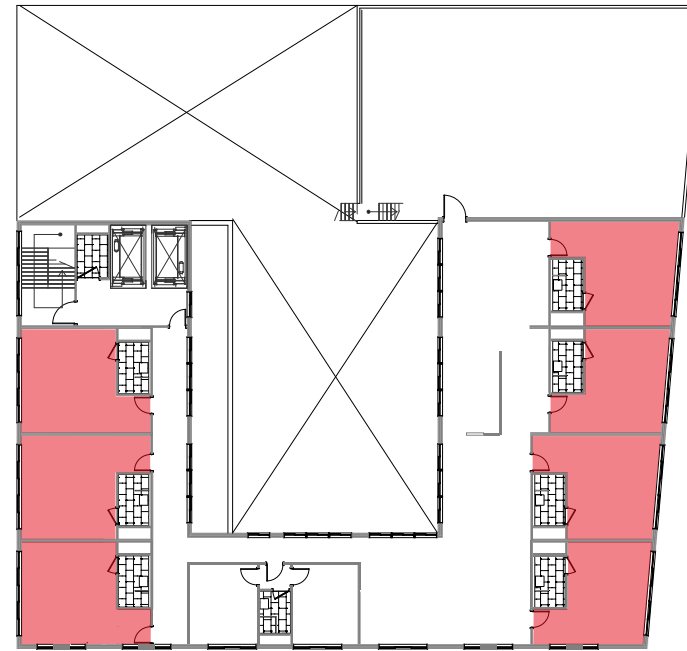




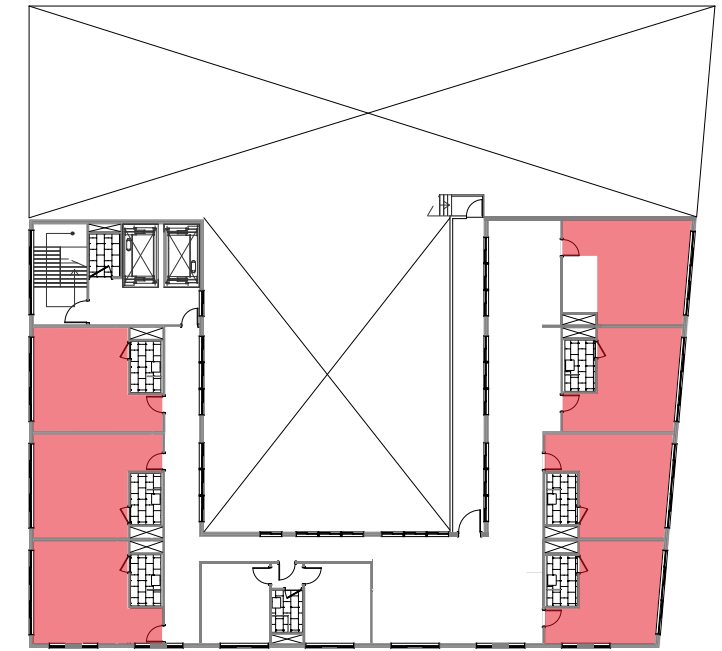
Diagrams: typology communal unit



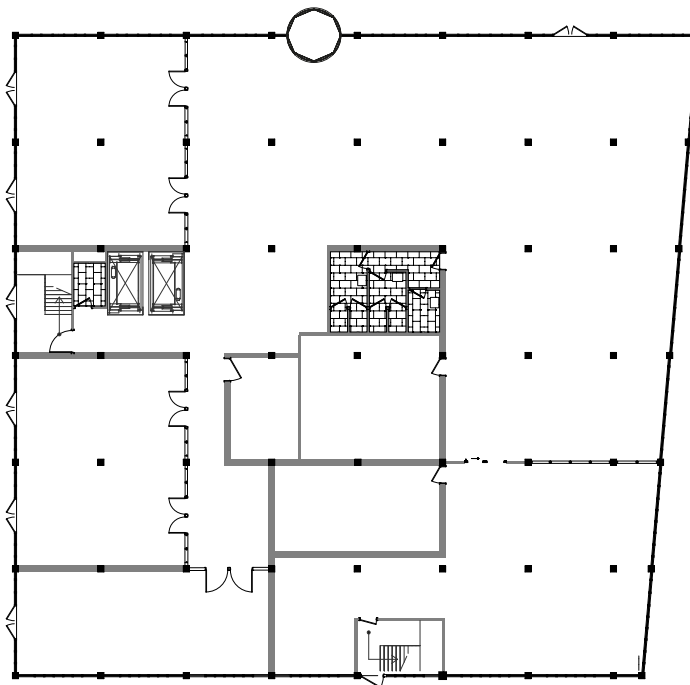
03 Third floor



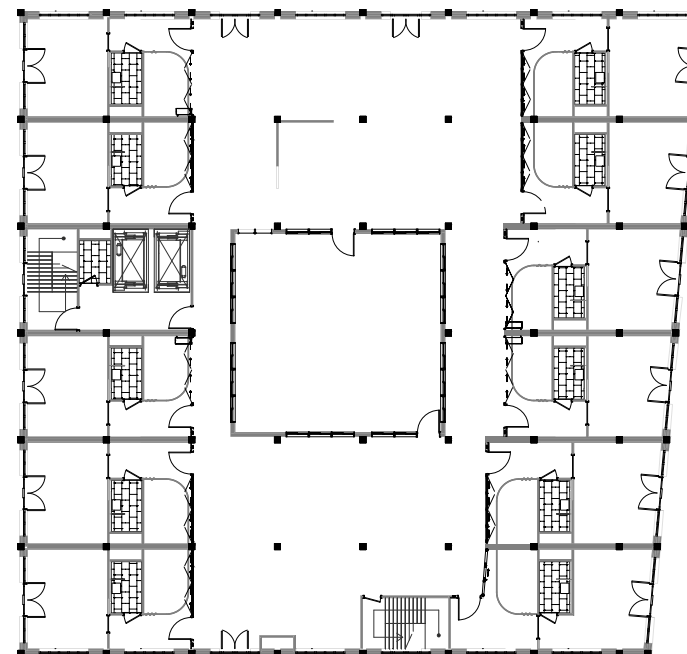
04 Fourth floor



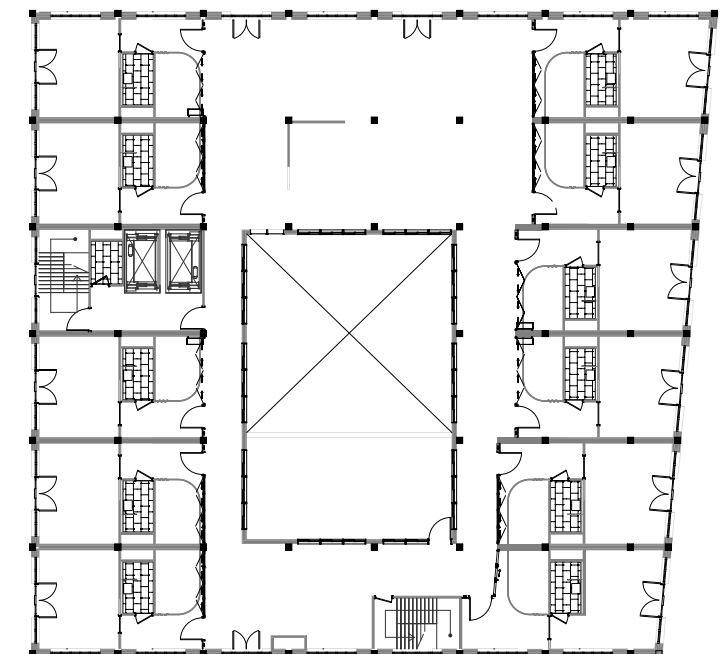
05 Fifth floor



00 Ground floor

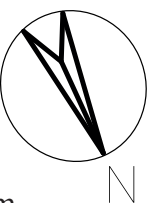
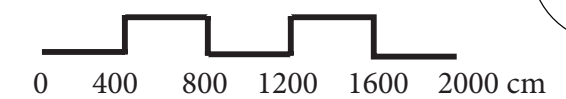


01 First floor

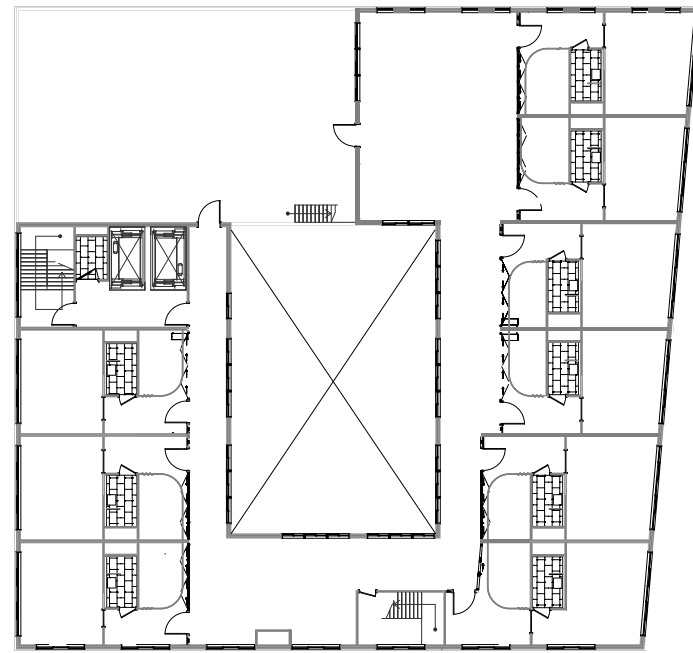


02 Second floor

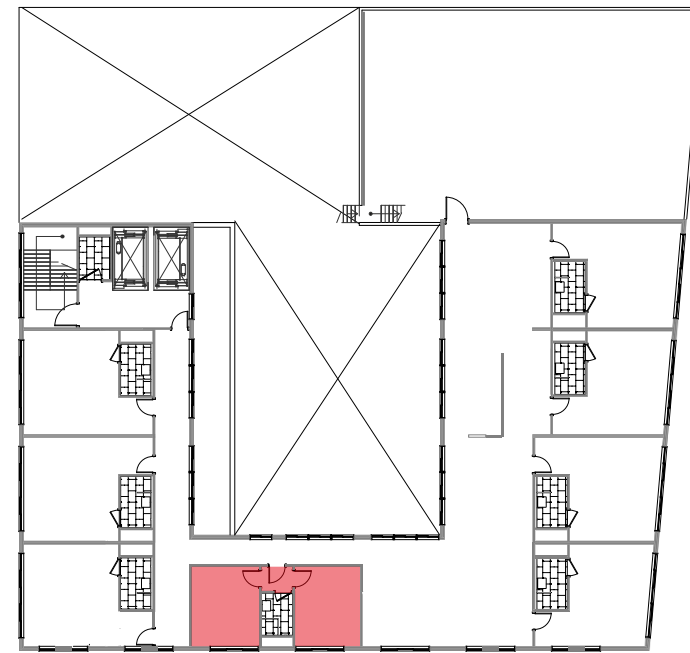
Scale 1:400



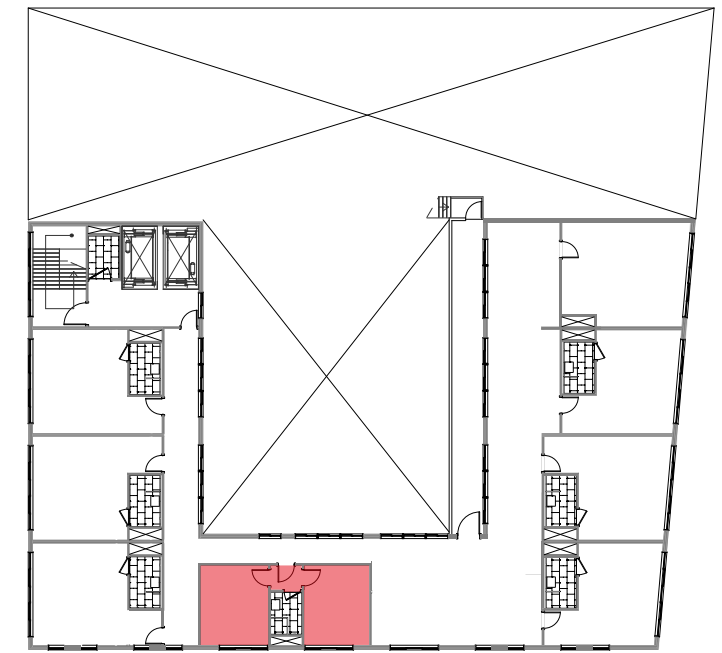
Diagrams: typology dual unit



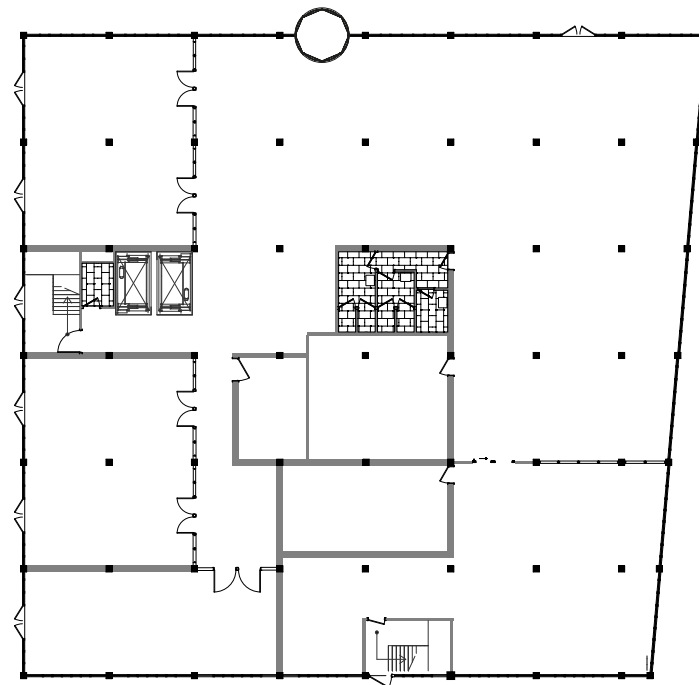
03 Third floor



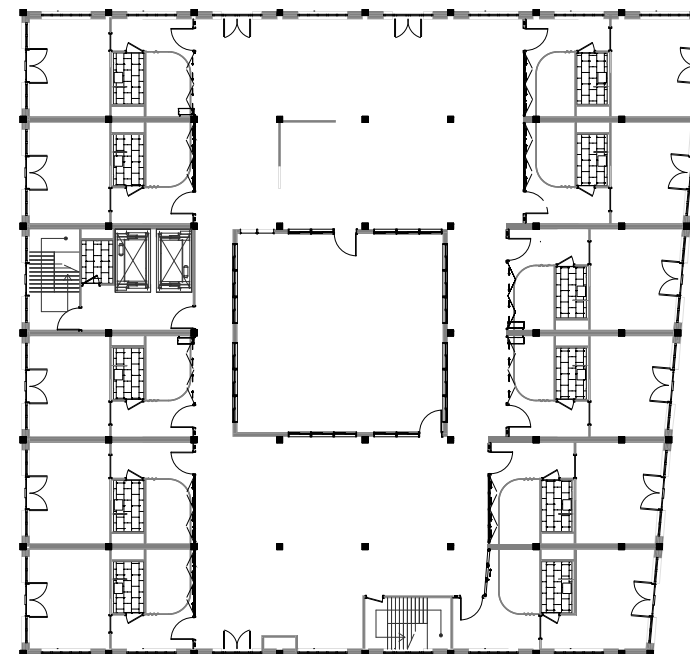
04 Fourth floor



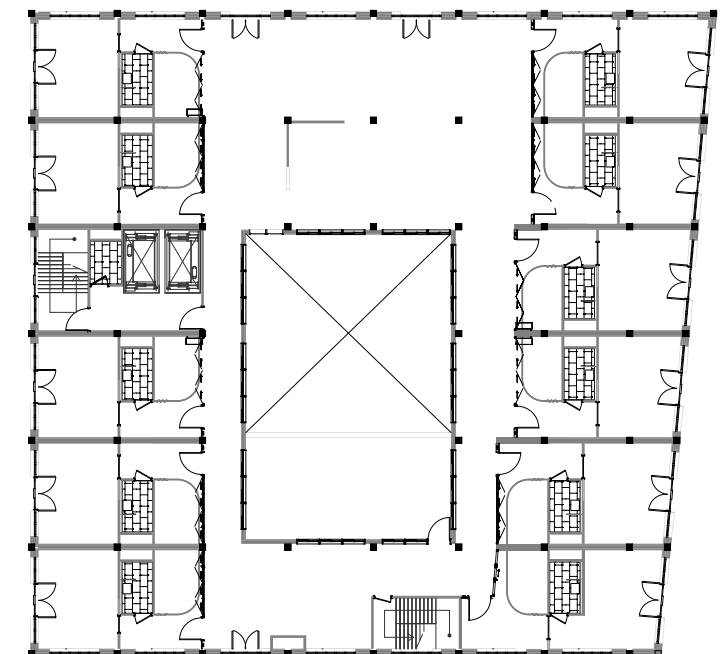
05 Fifth floor



00 Ground floor



01 First floor



02 Second floor

Scale 1:400

