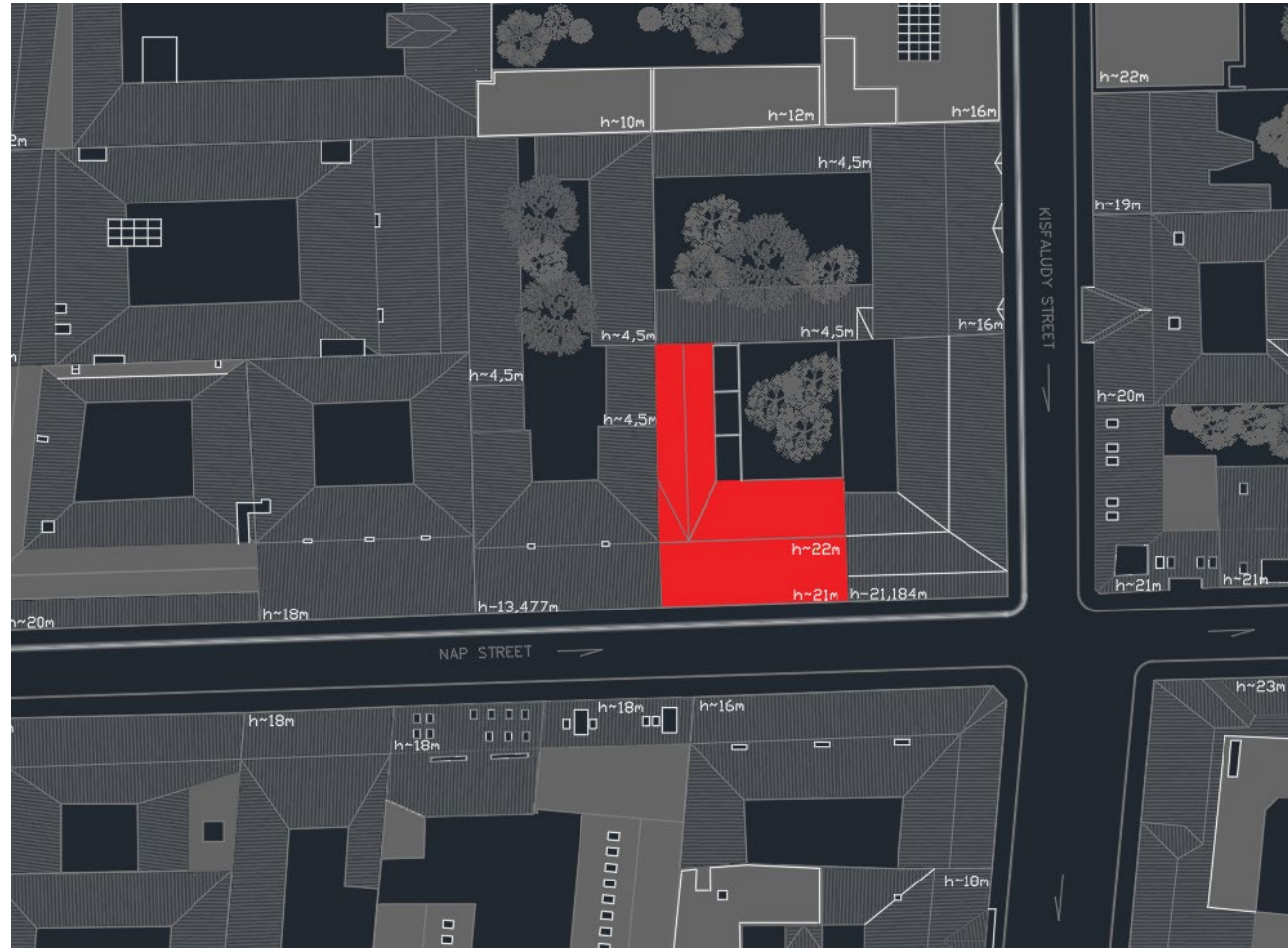


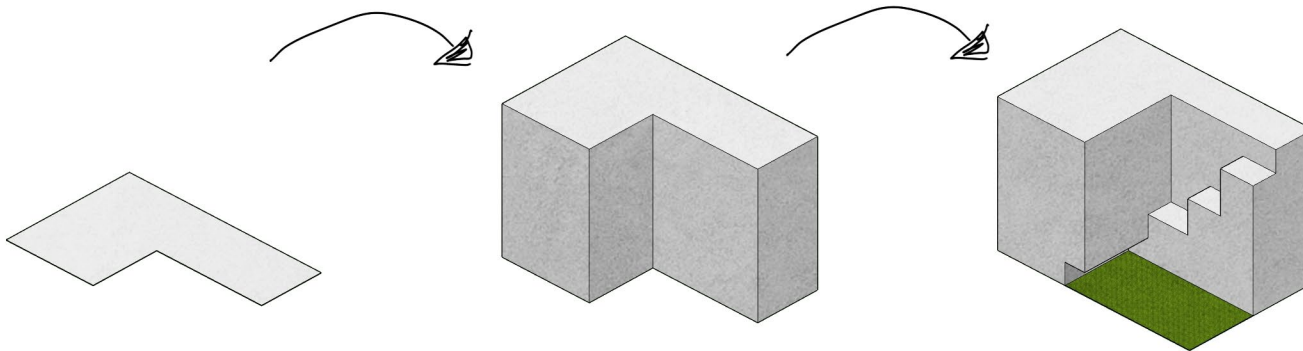
# Concept design

Anna Sordyl, Carmen Leon, Achmed Al-Tamimi

# Site plan



# Concept design



Total number of apartments = 22

1 room = 7 apartments = 31,8 % (given proportion = 30%)

2 rooms = 11 apartments = 50 % (given proportion = 50%)

3 rooms = 3 apartments = 13,6 % (given proportion = 15%)

4 rooms = 1 apartments = 4,5 % (given proportion = 5%)

# Ground floor plan

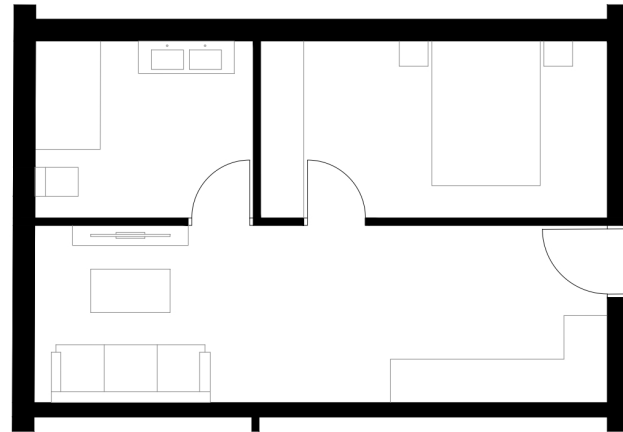
Type 1A (1 for disabled)

**Total surface = 39,6 m<sup>2</sup>**

Living room + kitchen = 19,5 m<sup>2</sup>

Room 1 = 12 m<sup>2</sup>

Bathroom 1 = 7,4 m<sup>2</sup>



# Garage floor

14 parking spaces 63%  
1 disabled space



# First floor plan

Type 3A

**Total surface = 95,6 m<sup>2</sup>**

Living room + kitchen = 45 m<sup>2</sup>

Room 1 = 14 m<sup>2</sup>

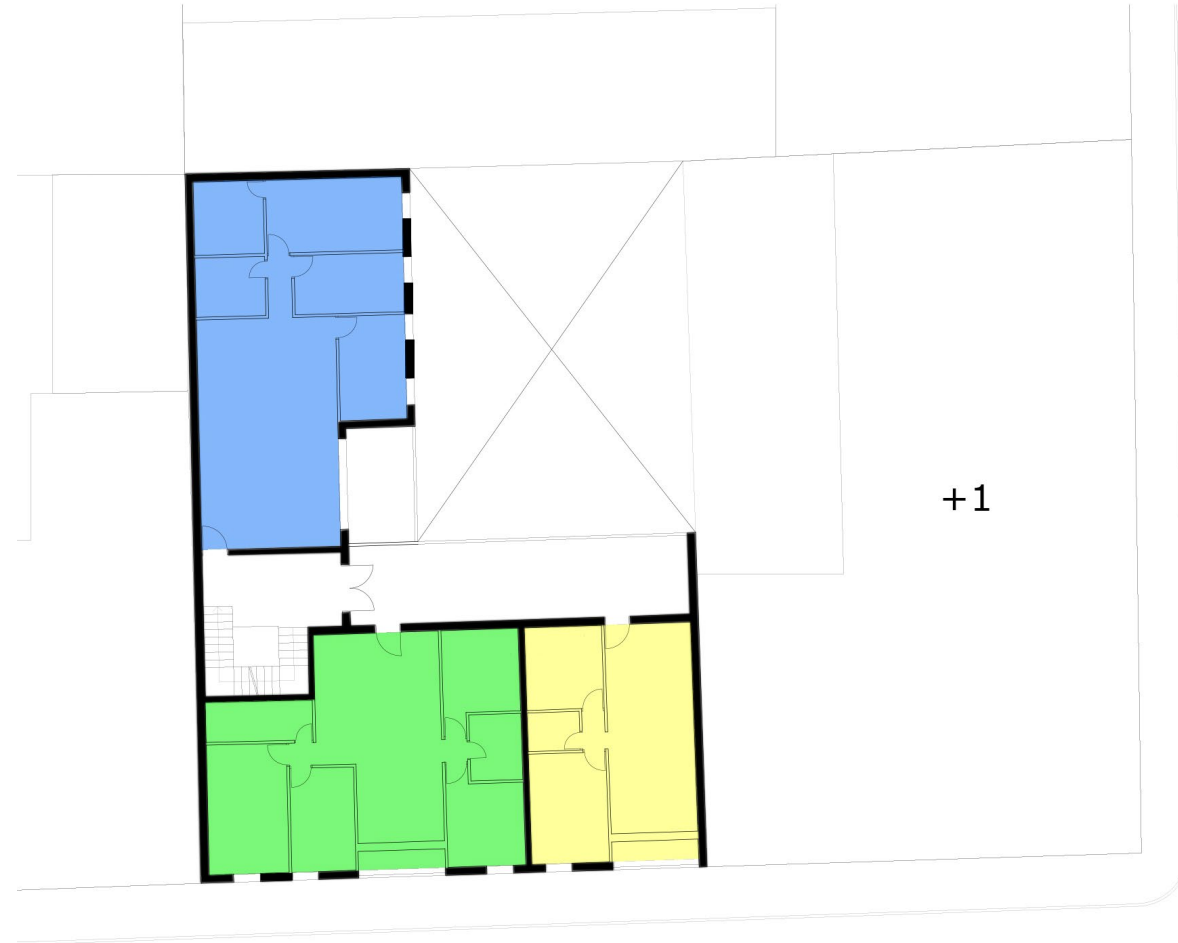
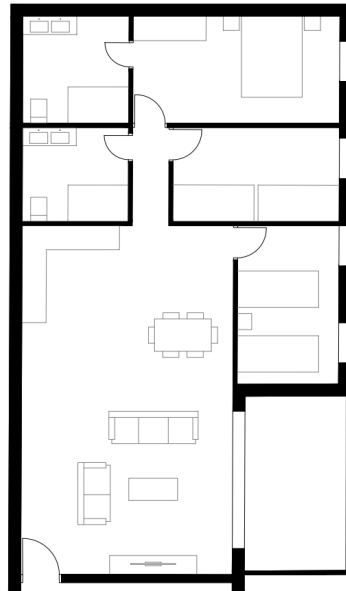
Room 2 = 9,1 m<sup>2</sup>

Room 3 = 9,7 m<sup>2</sup>

Bathroom 1 = 7,2 m<sup>2</sup>

Bathroom 2 = 5,8 m<sup>2</sup>

Distributor = 2,1 m<sup>2</sup>



Type 4 (for disabled)

**Total surface = 91,5 m<sup>2</sup>**

Living room + kitchen = 32,7 m<sup>2</sup>

Room 1 = 14,6 m<sup>2</sup>

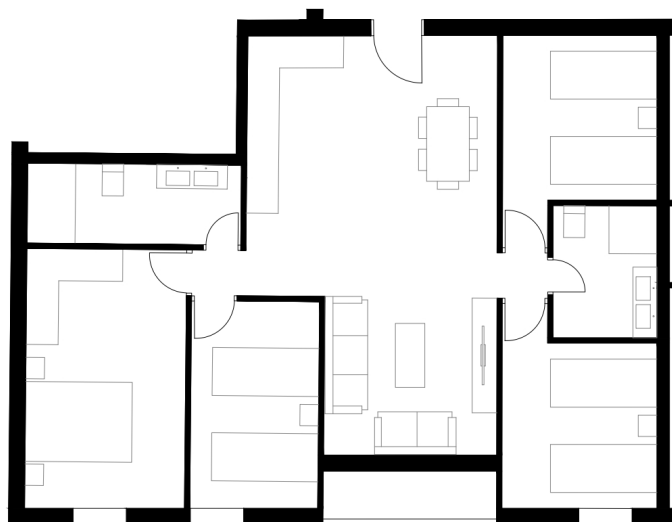
Room 2 = 9,3 m<sup>2</sup>

Room 3 = 9,6m<sup>2</sup>

Room 4 = 9,7 m<sup>2</sup>

Bathroom 1 = 6 m<sup>2</sup>

Bathroom 2 = 4,8 m<sup>2</sup>



Type 2A

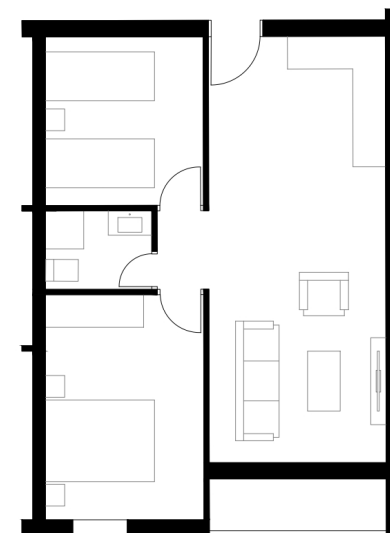
**Total surface =52 m<sup>2</sup>**

Living room + kitchen = 27,1 m<sup>2</sup>

Room 1 = 12 m<sup>2</sup>

Room 2 = 9 m<sup>2</sup>

Bathroom 1 = 3,5 m<sup>2</sup>



# Second floor plan

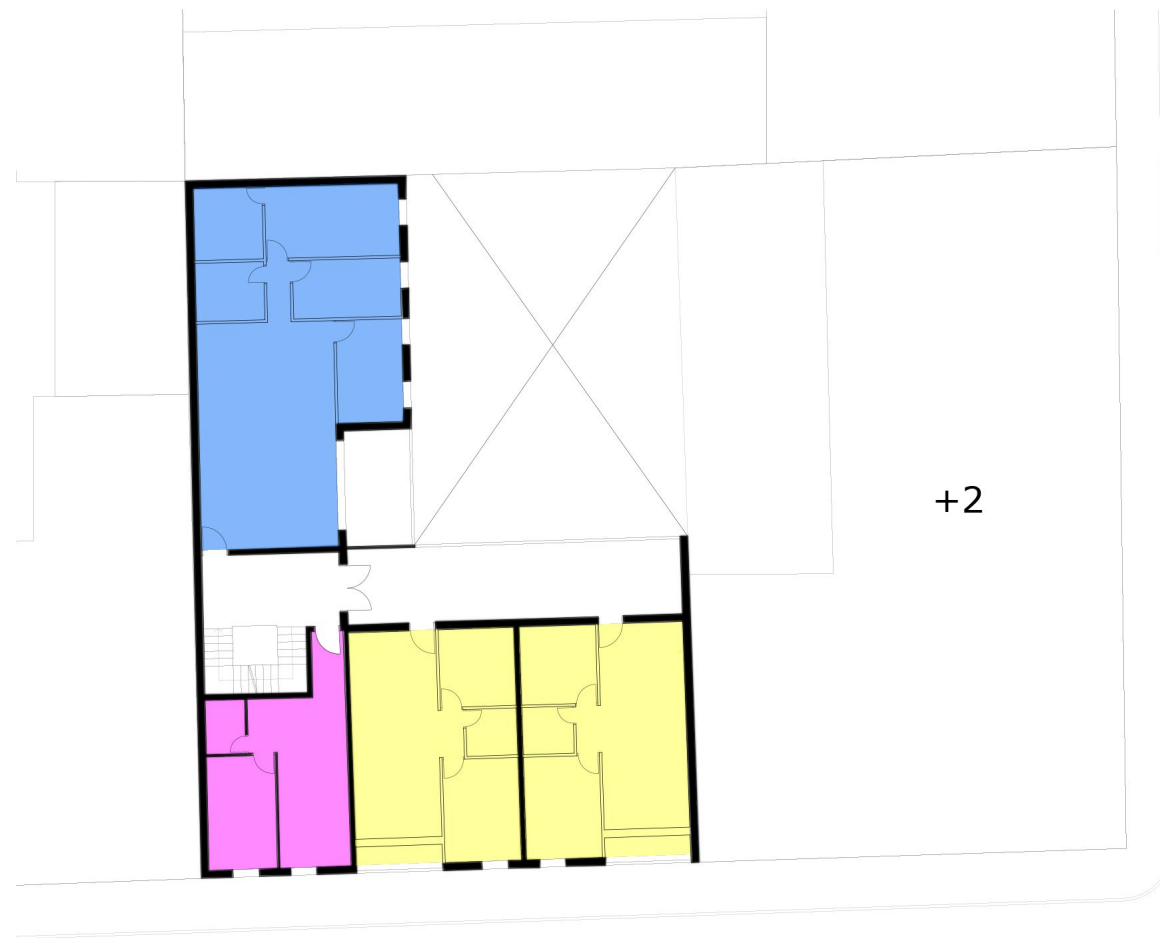
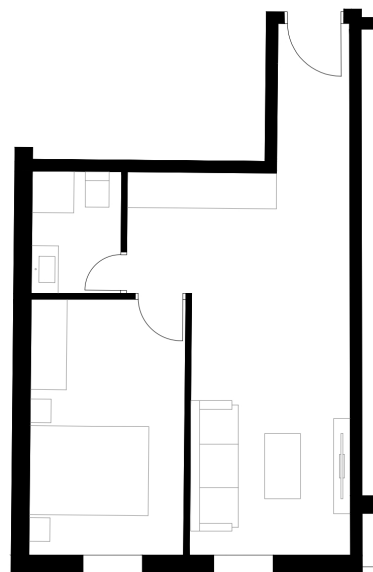
Type 1B

**Total surface = 37,7 m<sup>2</sup>**

Living room + kitchen = 22,5 m<sup>2</sup>

Room 1 = 12 m<sup>2</sup>

Bathroom 1 = 3,1 m<sup>2</sup>





# Third floor plan

Type 3B (1 for disabled)

**Total surface = 83,4 m<sup>2</sup>**

Living room + kitchen = m<sup>2</sup>

Room 1 = 12,3 m<sup>2</sup>

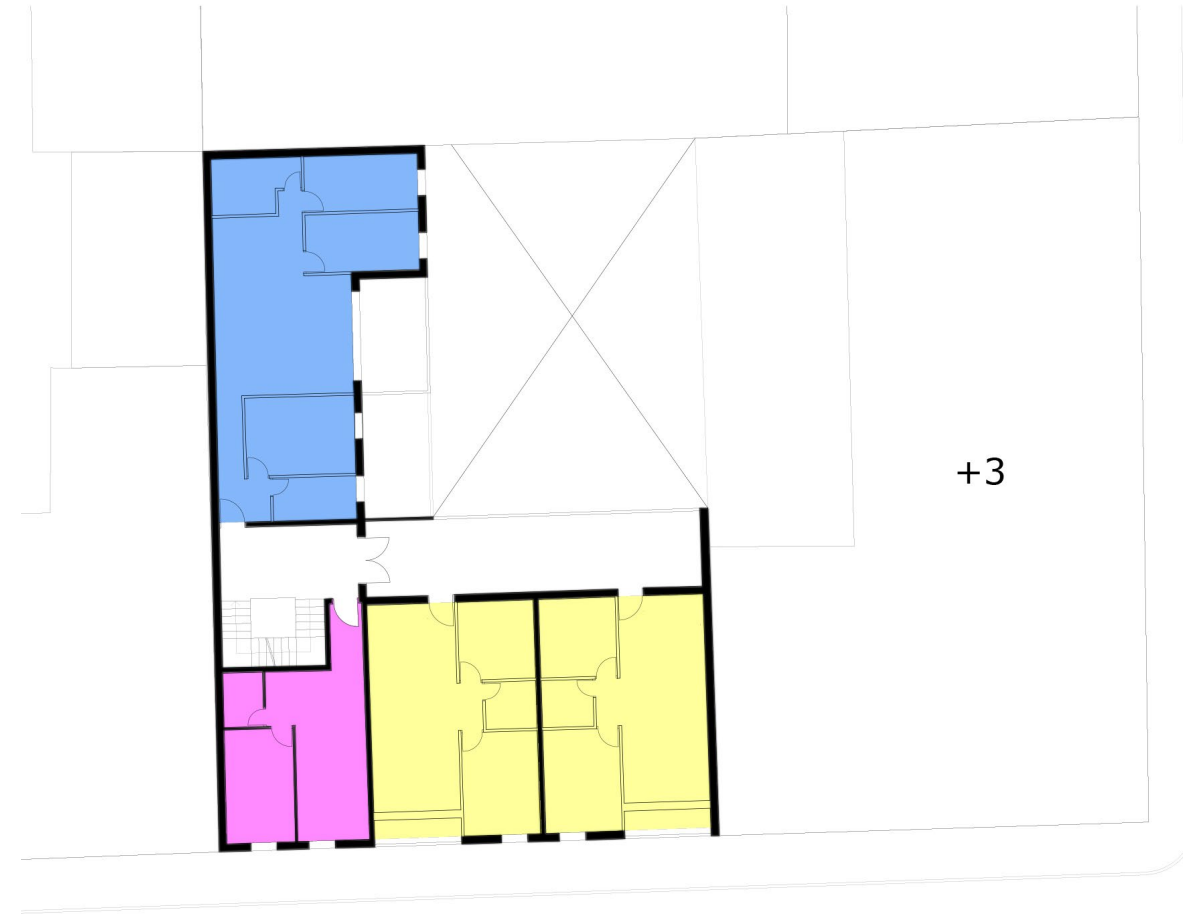
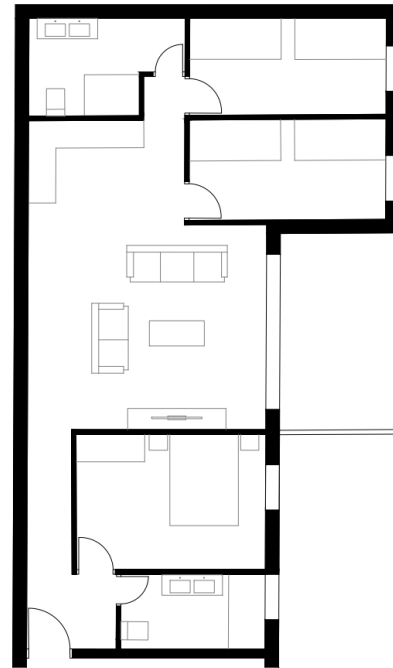
Room 2 = 9 m<sup>2</sup>

Room 3 = 9,4 m<sup>2</sup>

Bathroom 1 = 5,1 m<sup>2</sup>

Bathroom 2 = 6,3 m<sup>2</sup>

Distributor = 6,3 m<sup>2</sup>



# Fourth floor plan

Type 2B (1 for disabled)

**Total surface = 71 m<sup>2</sup>**

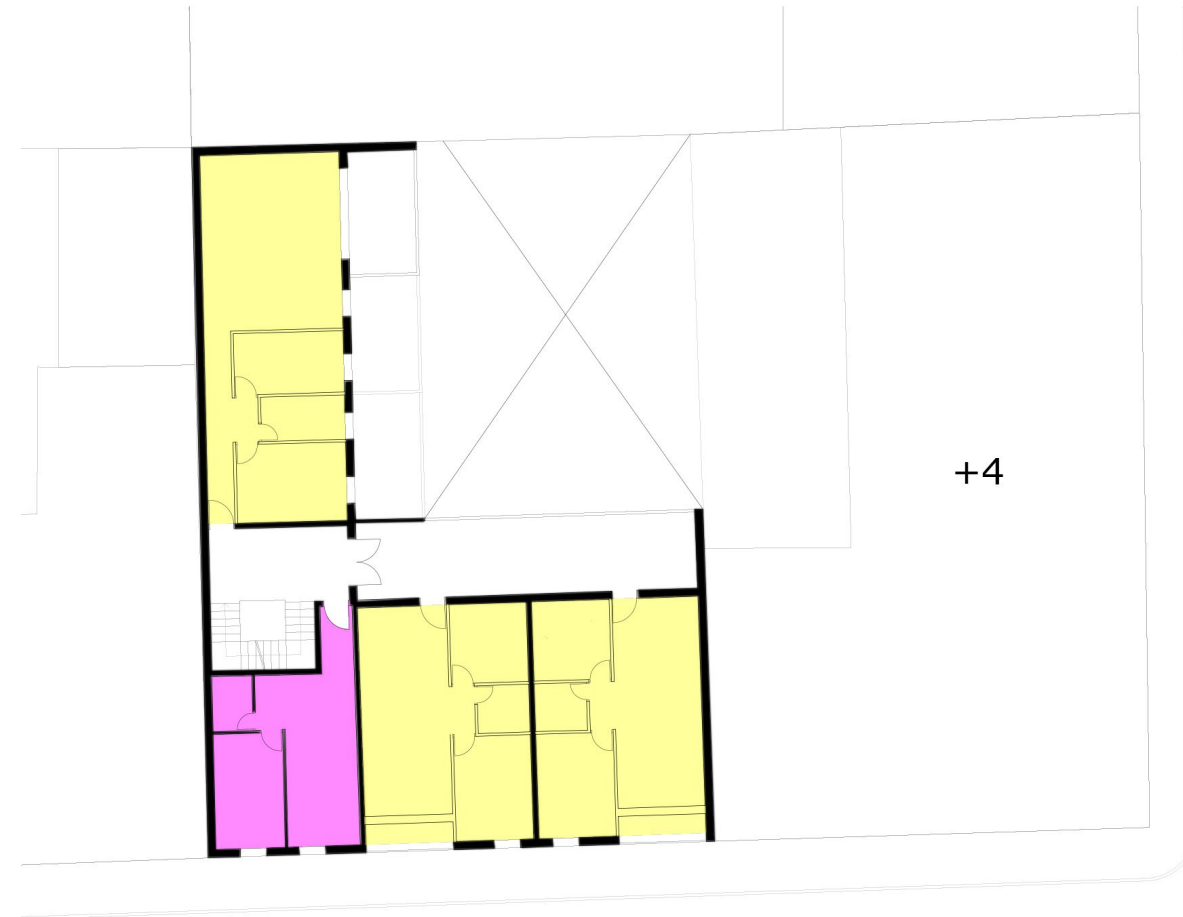
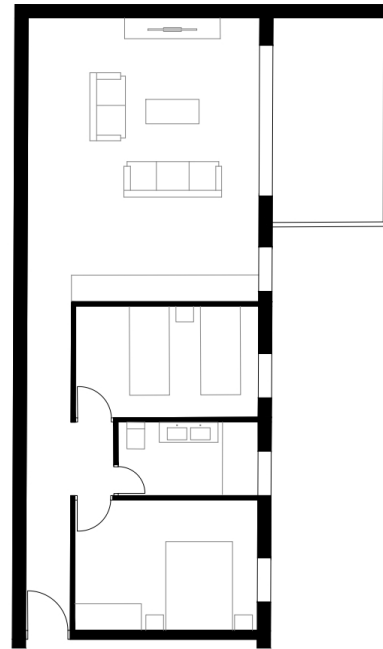
Living room + kitchen = 34,3 m<sup>2</sup>

Room 1 = 12 m<sup>2</sup>

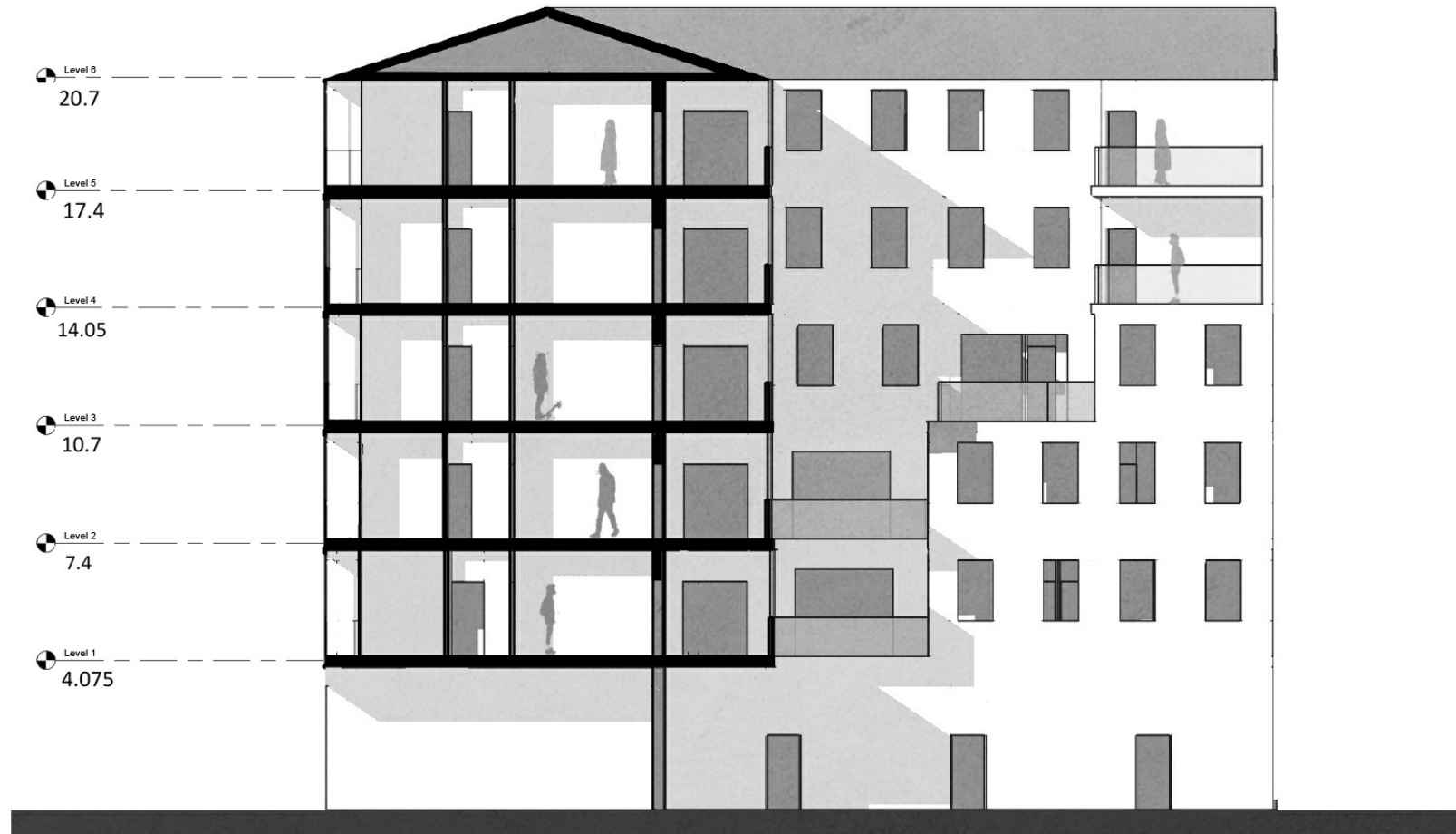
Room 2 = 9,5 m<sup>2</sup>

Bathroom 1 = 5,2 m<sup>2</sup>

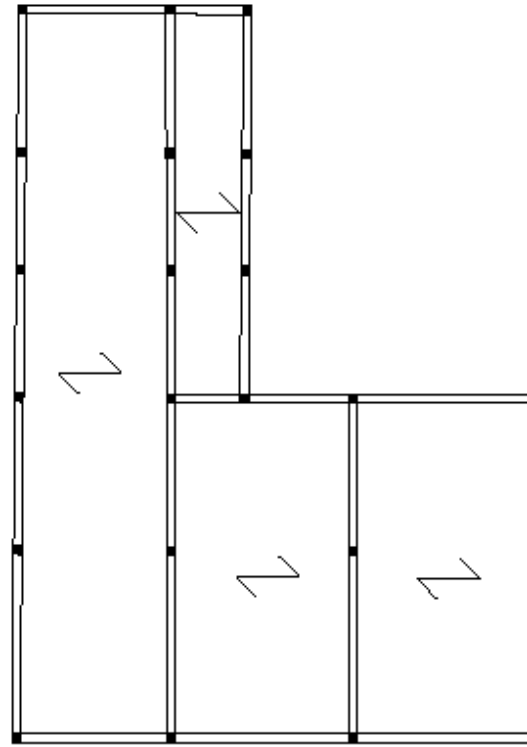
Distributor = 8,8 m<sup>2</sup>



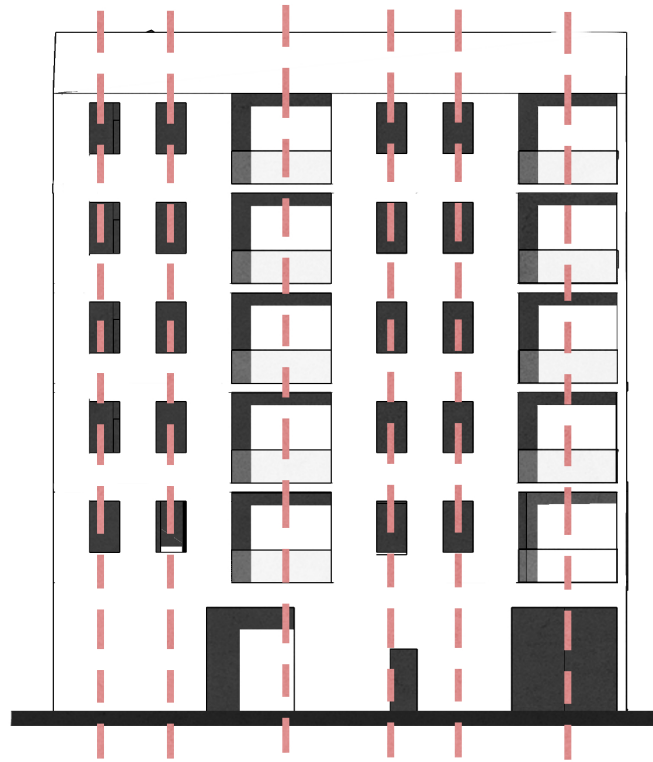
# Section



# Structural plans



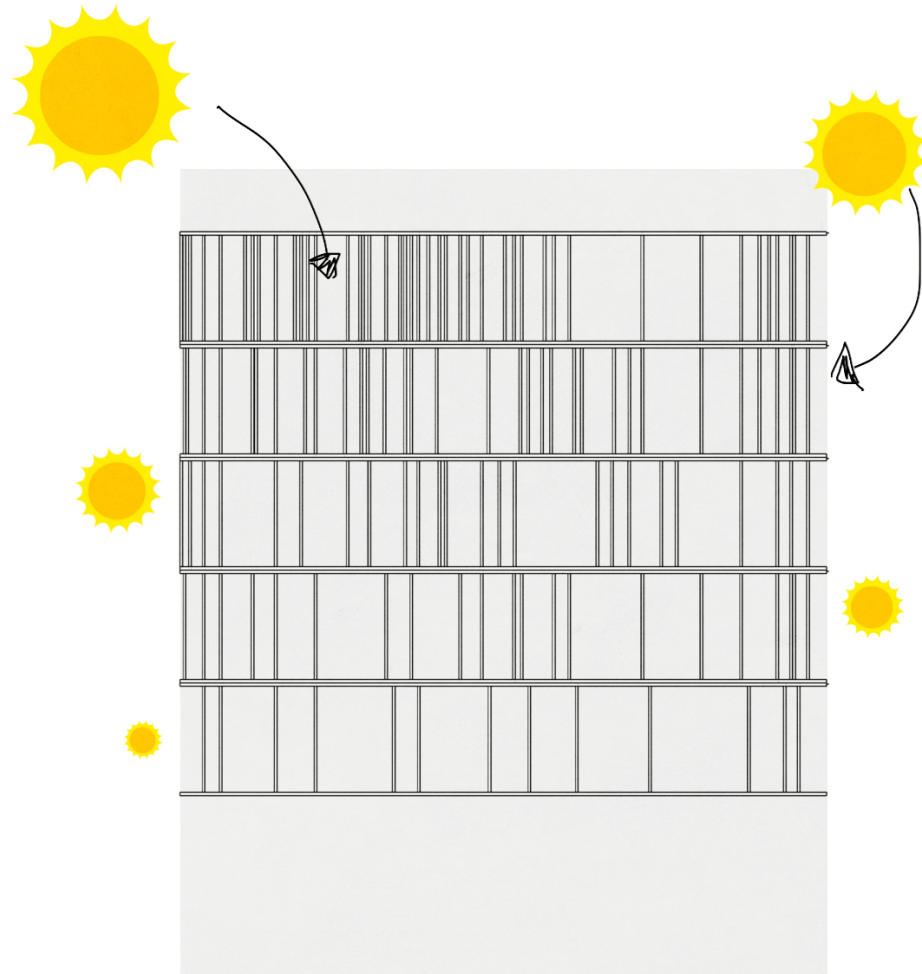
# Facade concept design



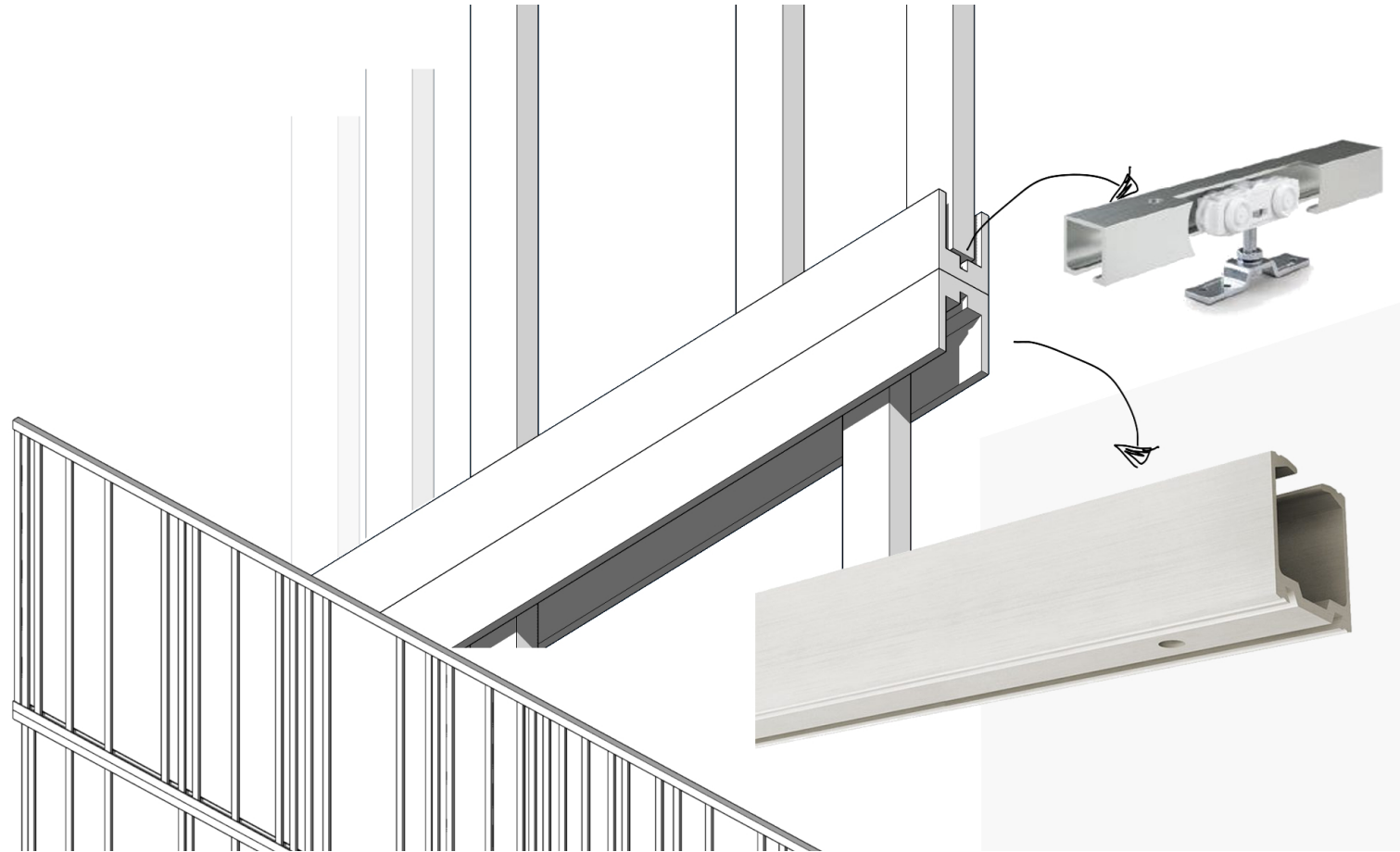
+



# Facade sun blinds



# Facade system

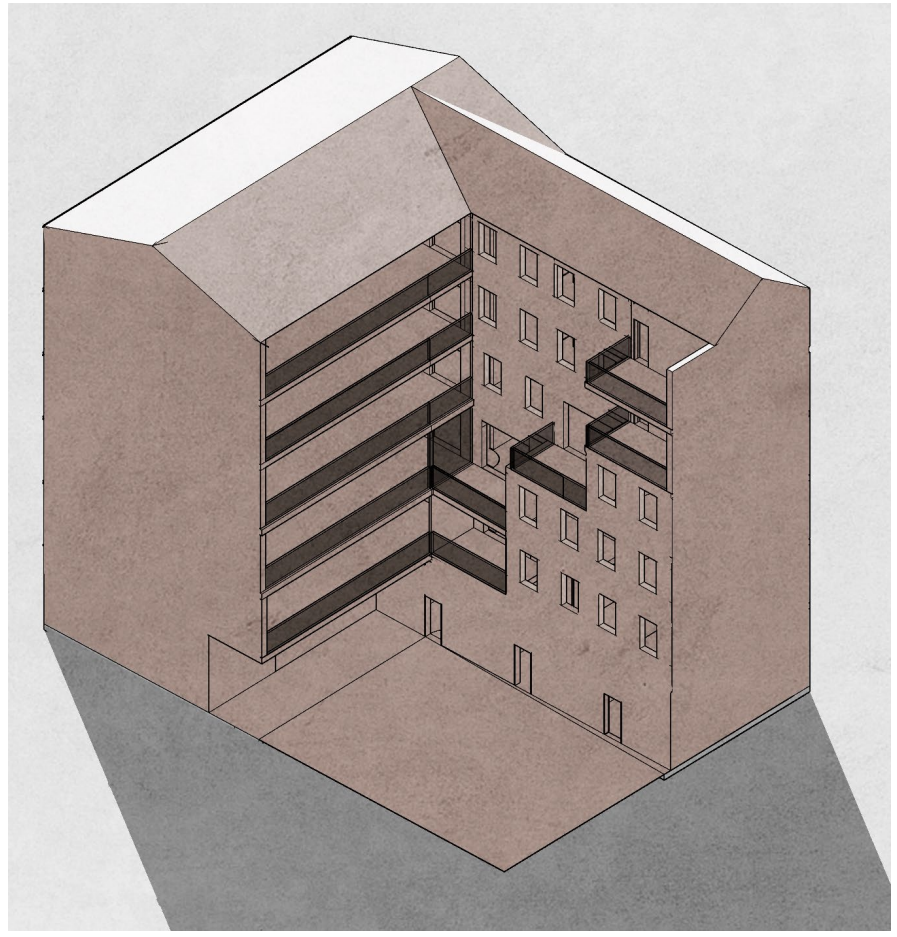
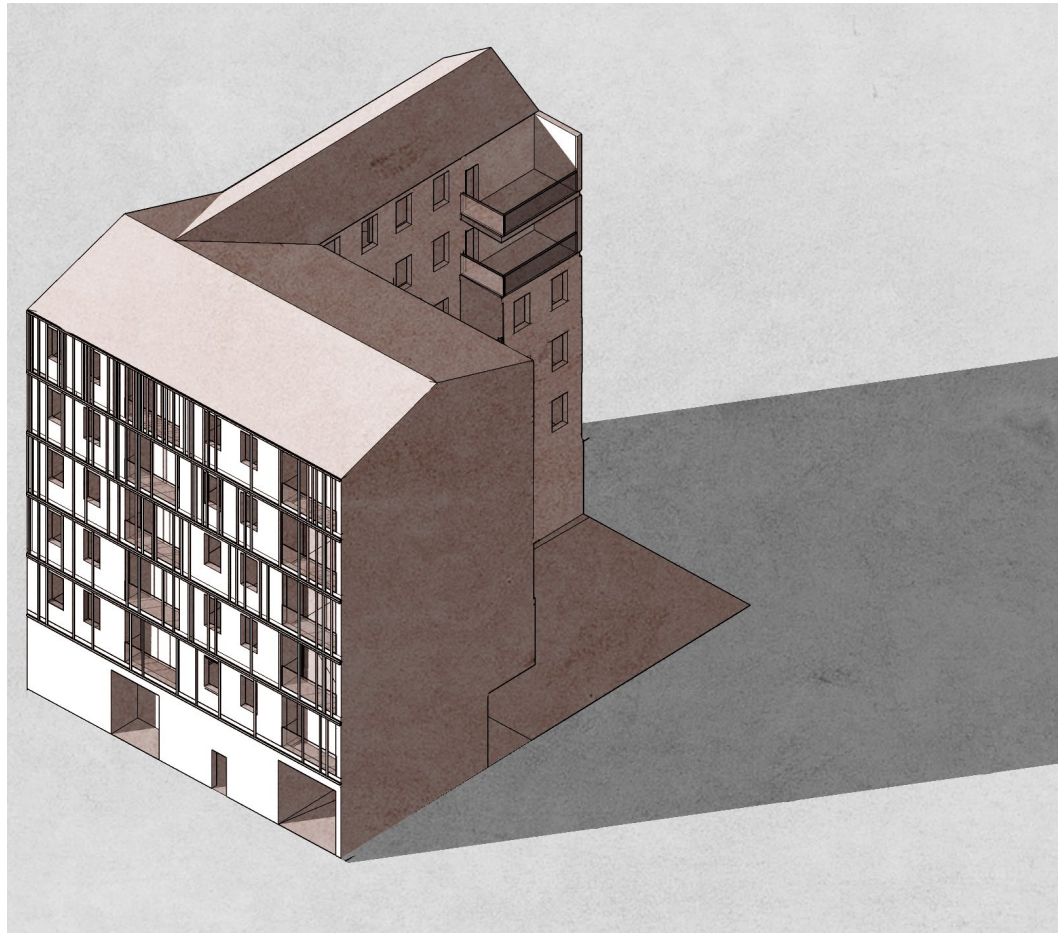


# Facade street

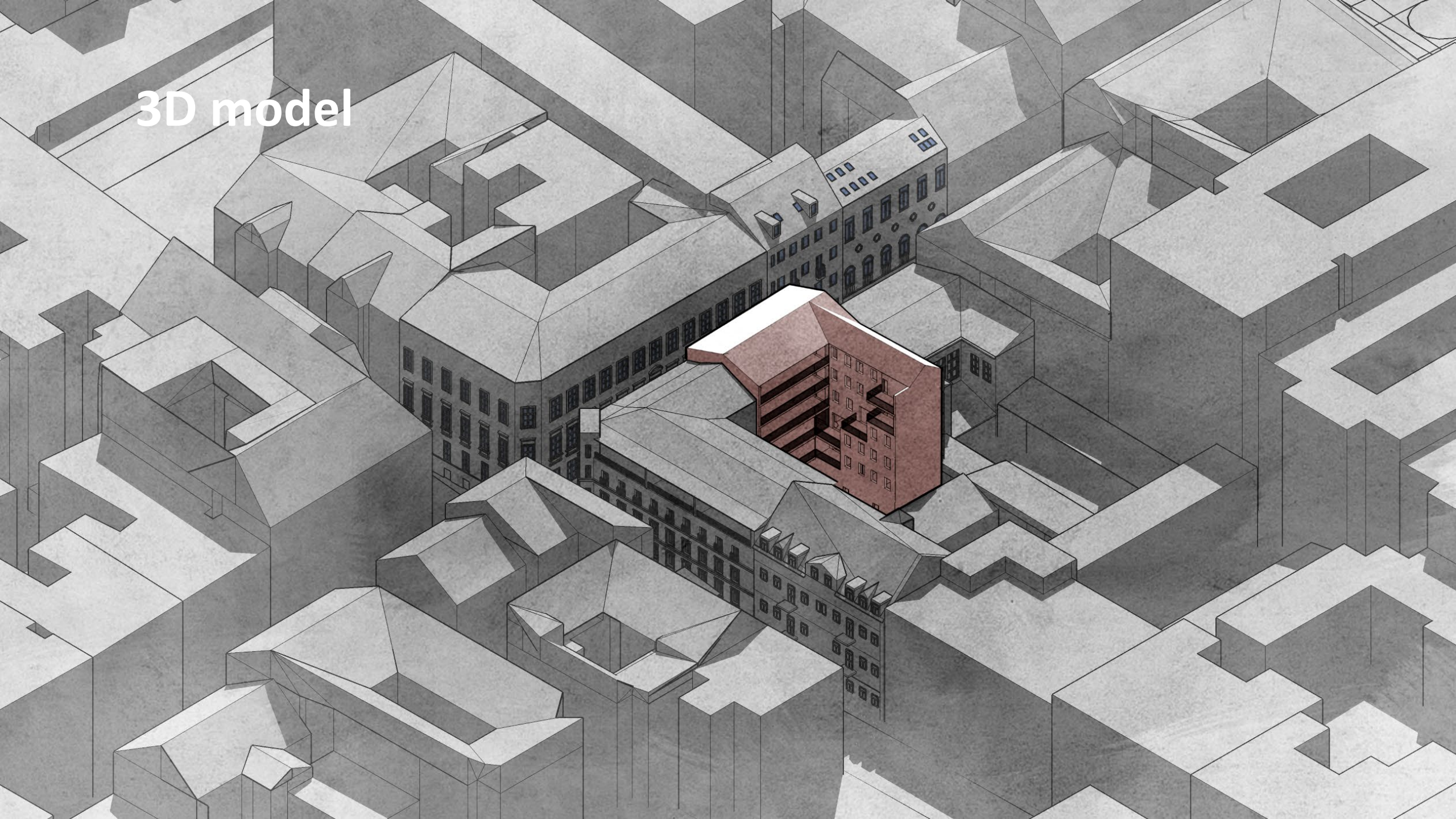




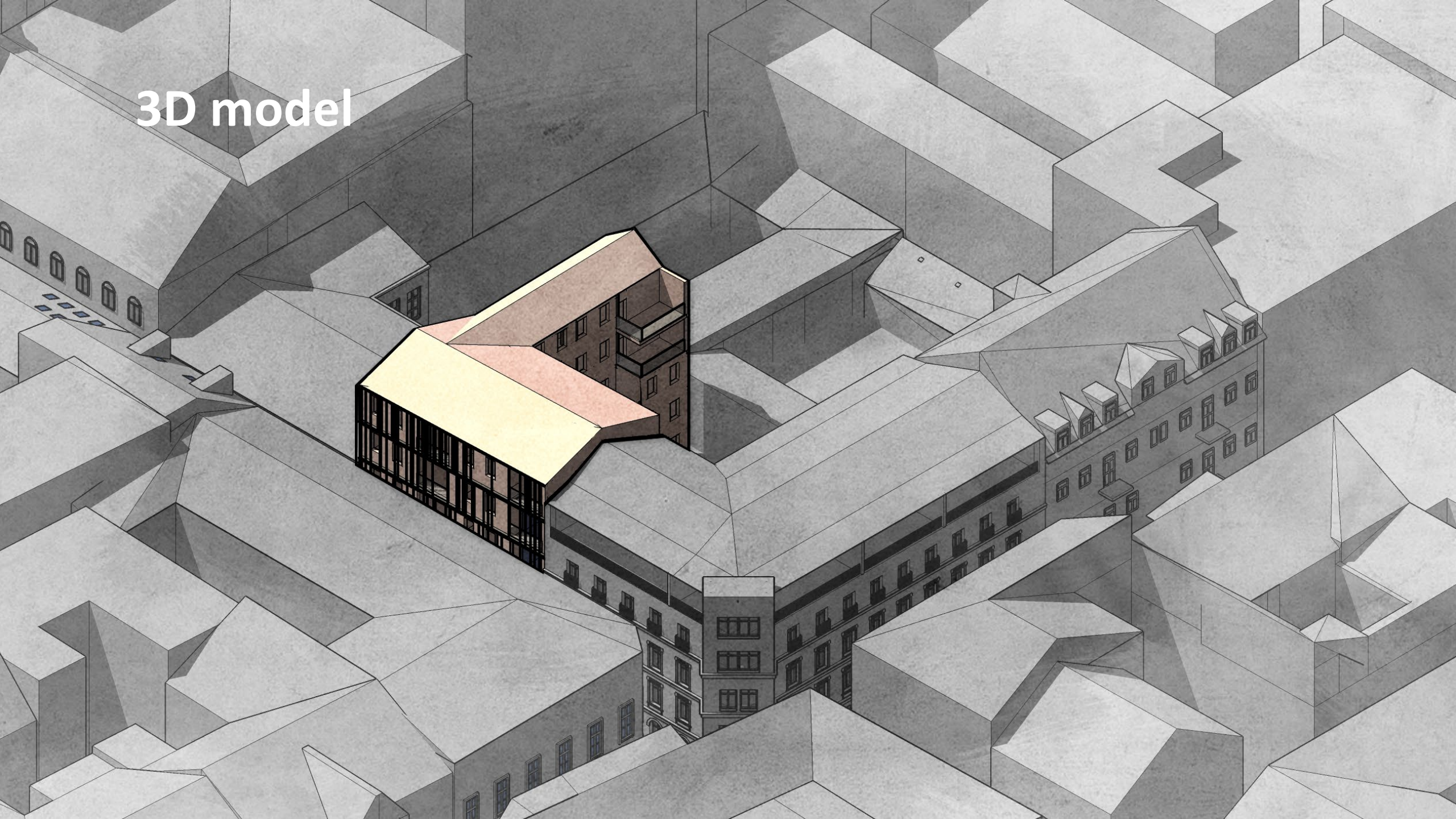
# 3D model



3D model



3D model



# Physical model

