



# Typology Comparison

## Block Level Design



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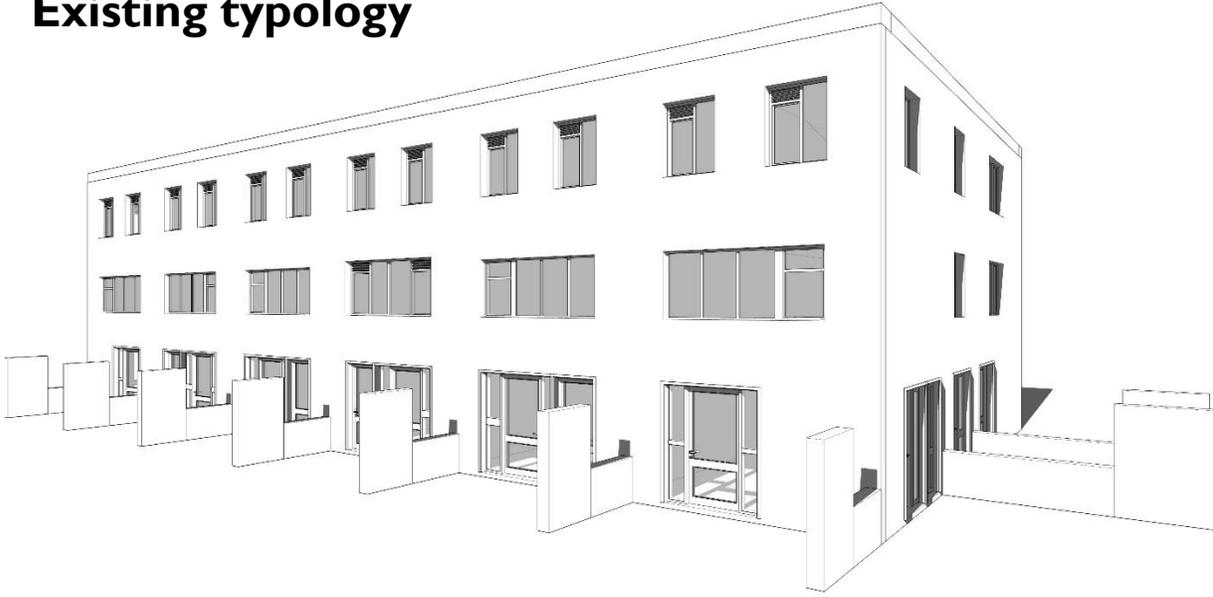
Swiss Agency for Development  
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## Existing typology



## Simplified design

- Optimised design to reduce cost and maximise indoor usable space
- Simplified layout to reduce construction time
- Missing common block-level facilities
- Reduced usability of outdoor areas

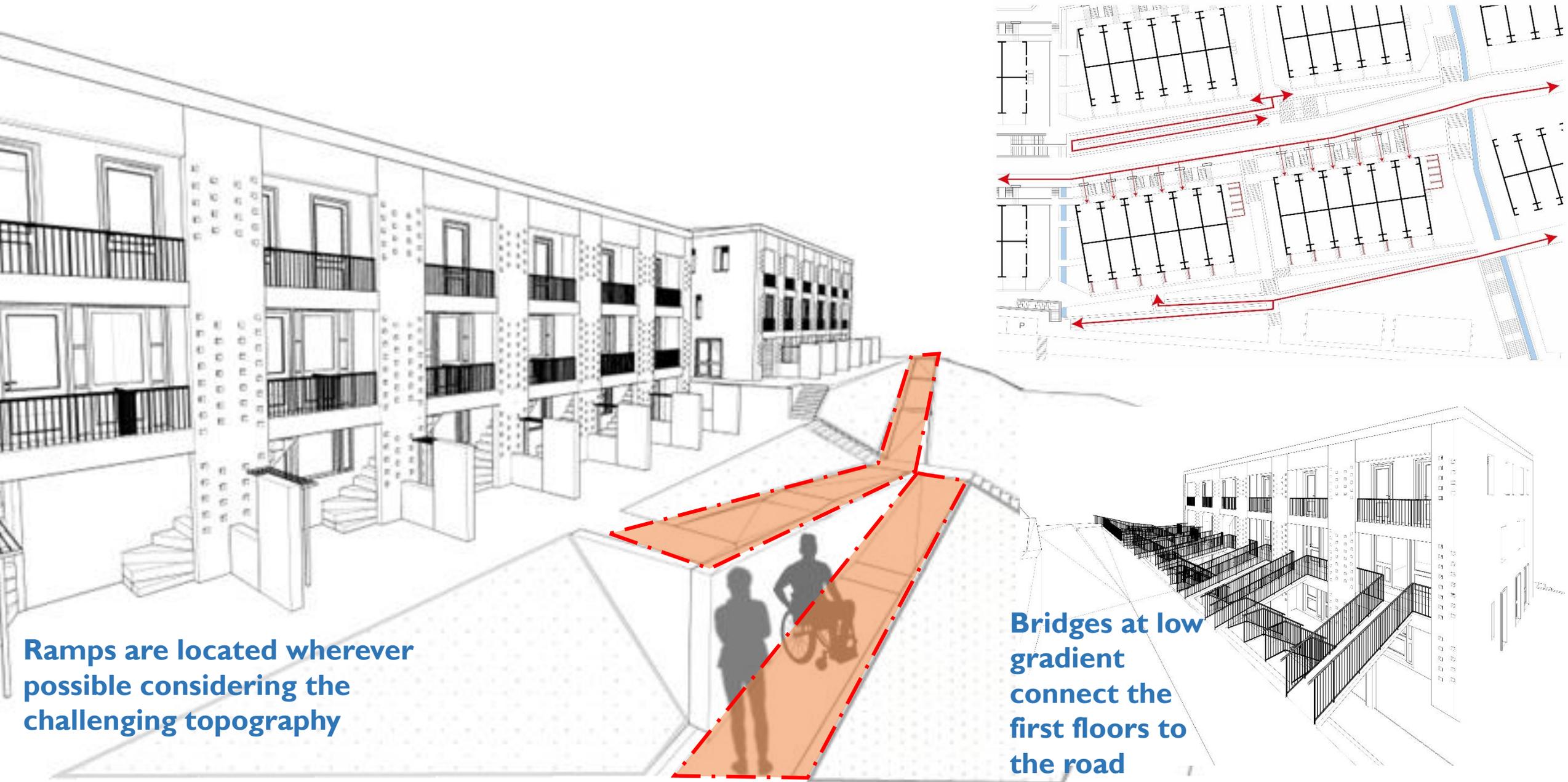
## New typology



## Double skin façade with perforated wall

- Creating a private space for cooking
- Providing drying space for all floor level
- Increased privacy
- Shading for the façade
- Increasing the ventilation and thermal comfort

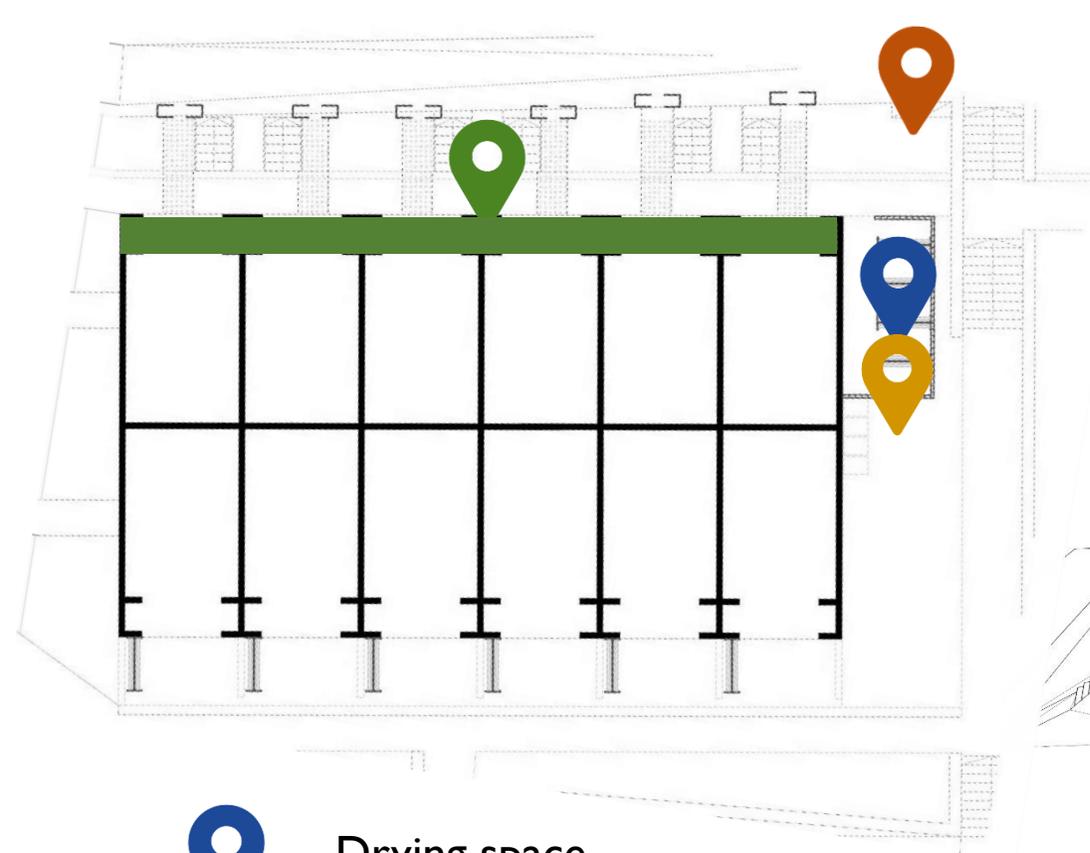
# Typology Comparison



Ramps are located wherever possible considering the challenging topography

Bridges at low gradient connect the first floors to the road

# Improved accessibility for PWD



Drying space



Waste collection

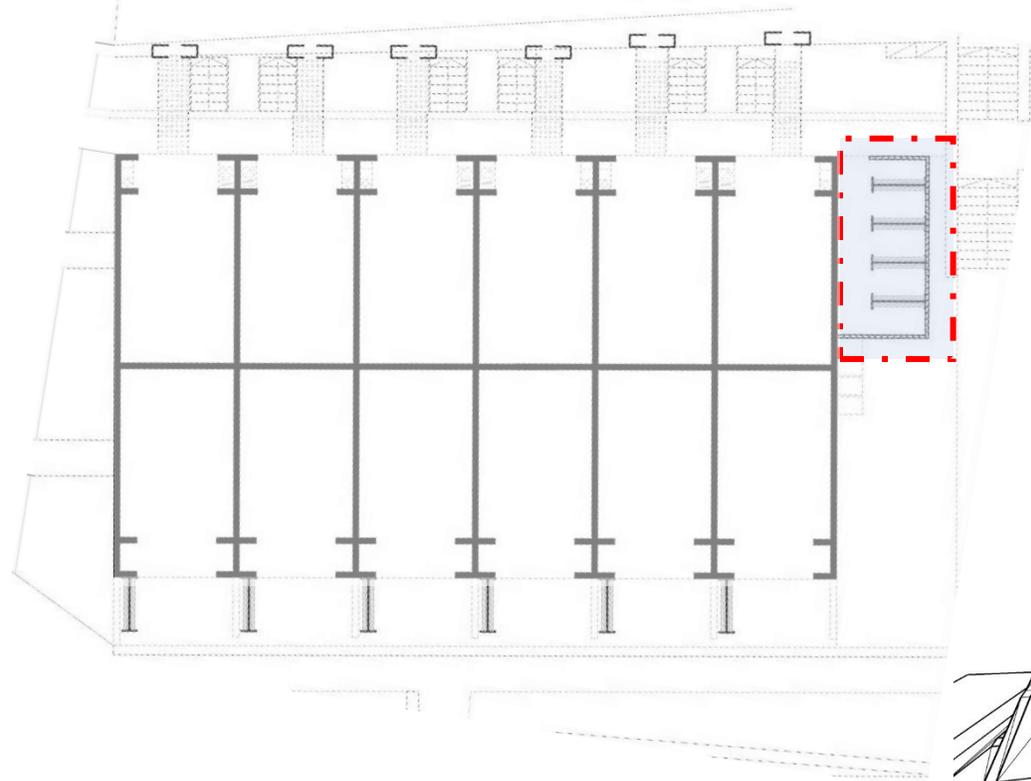


Outdoor kitchen



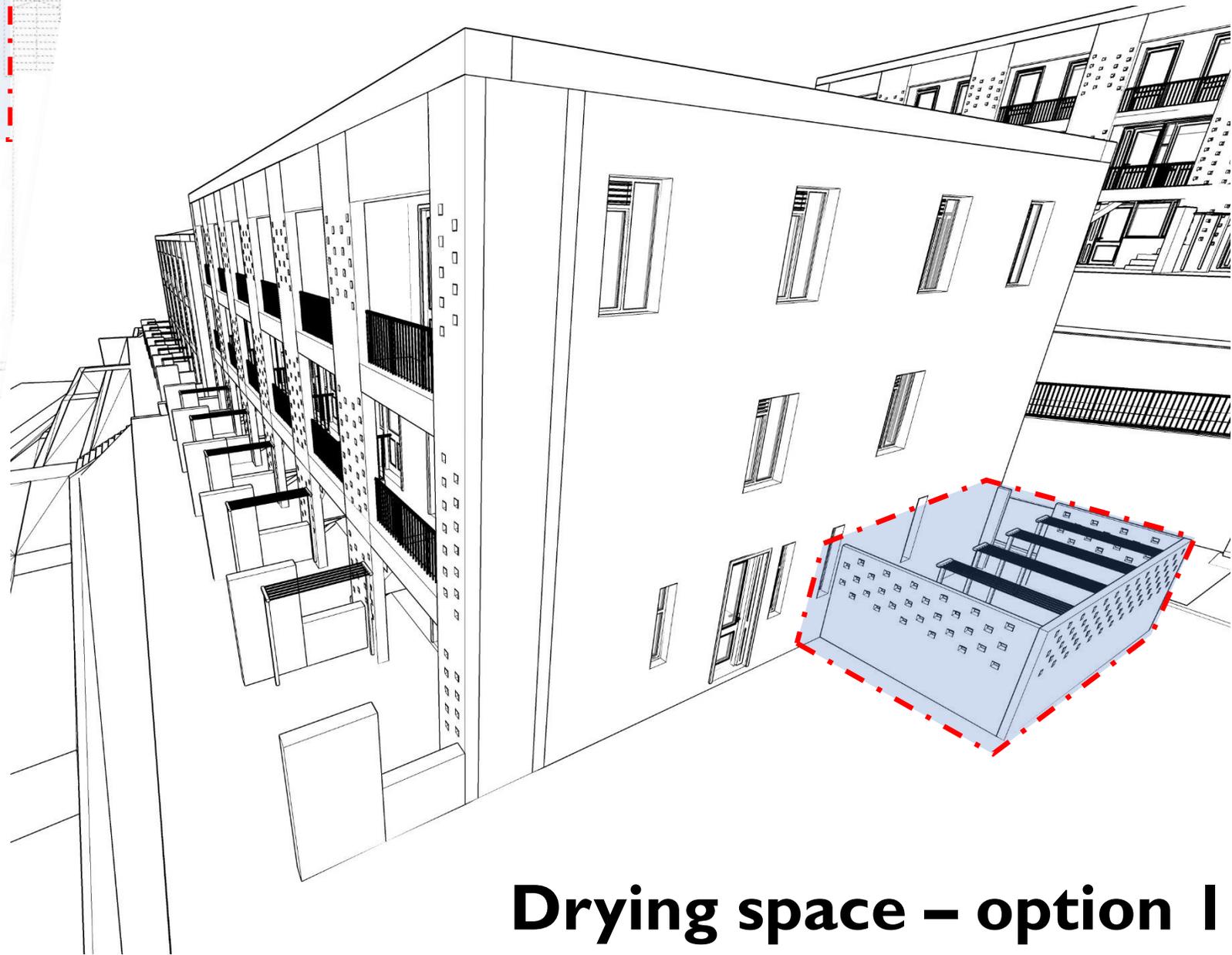
Rainwater harvesting

**Improved block-level solutions**

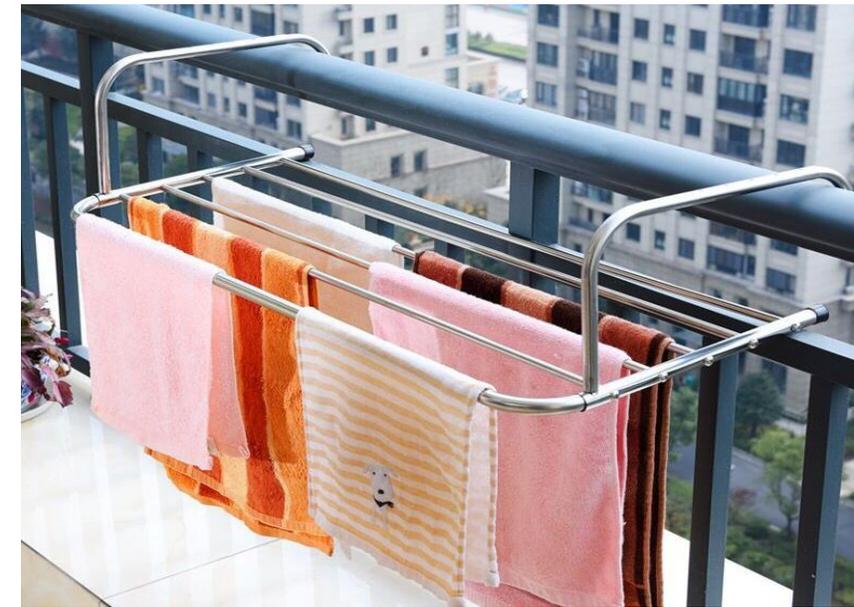


**Located on the side of the building,  
serves multiple units and is  
managed by the block residents**

**Access can be controlled and  
managed by Owners Committee**

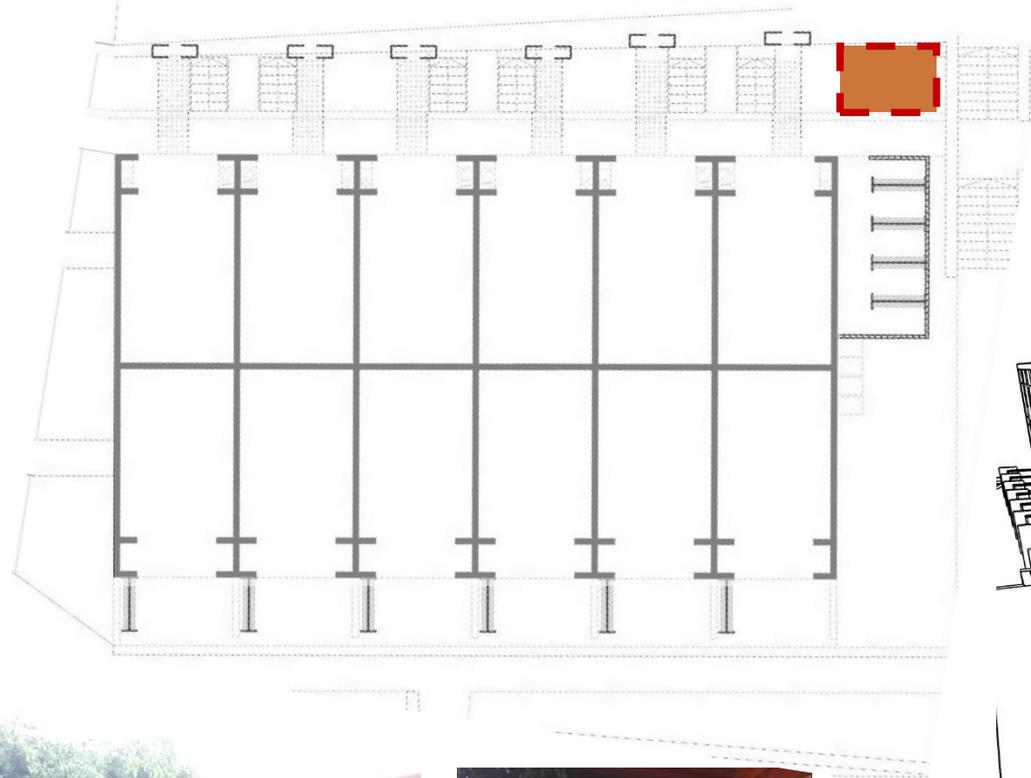


**Drying space – option 1**



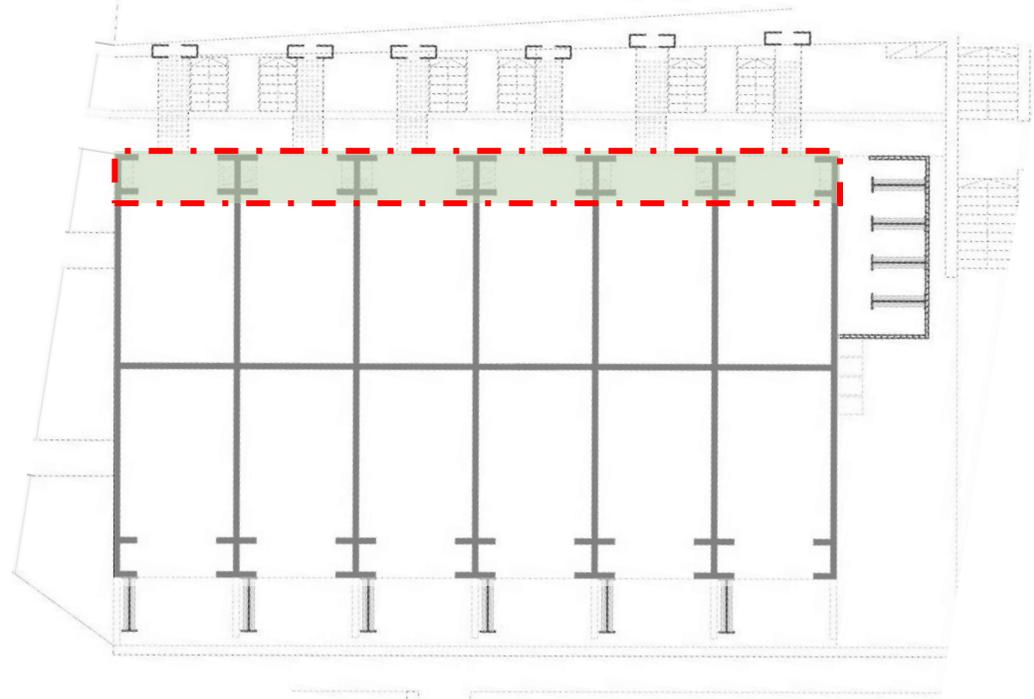
**Private railings in each unit can be used as drying spaces for small items**

**Drying space – option 2**



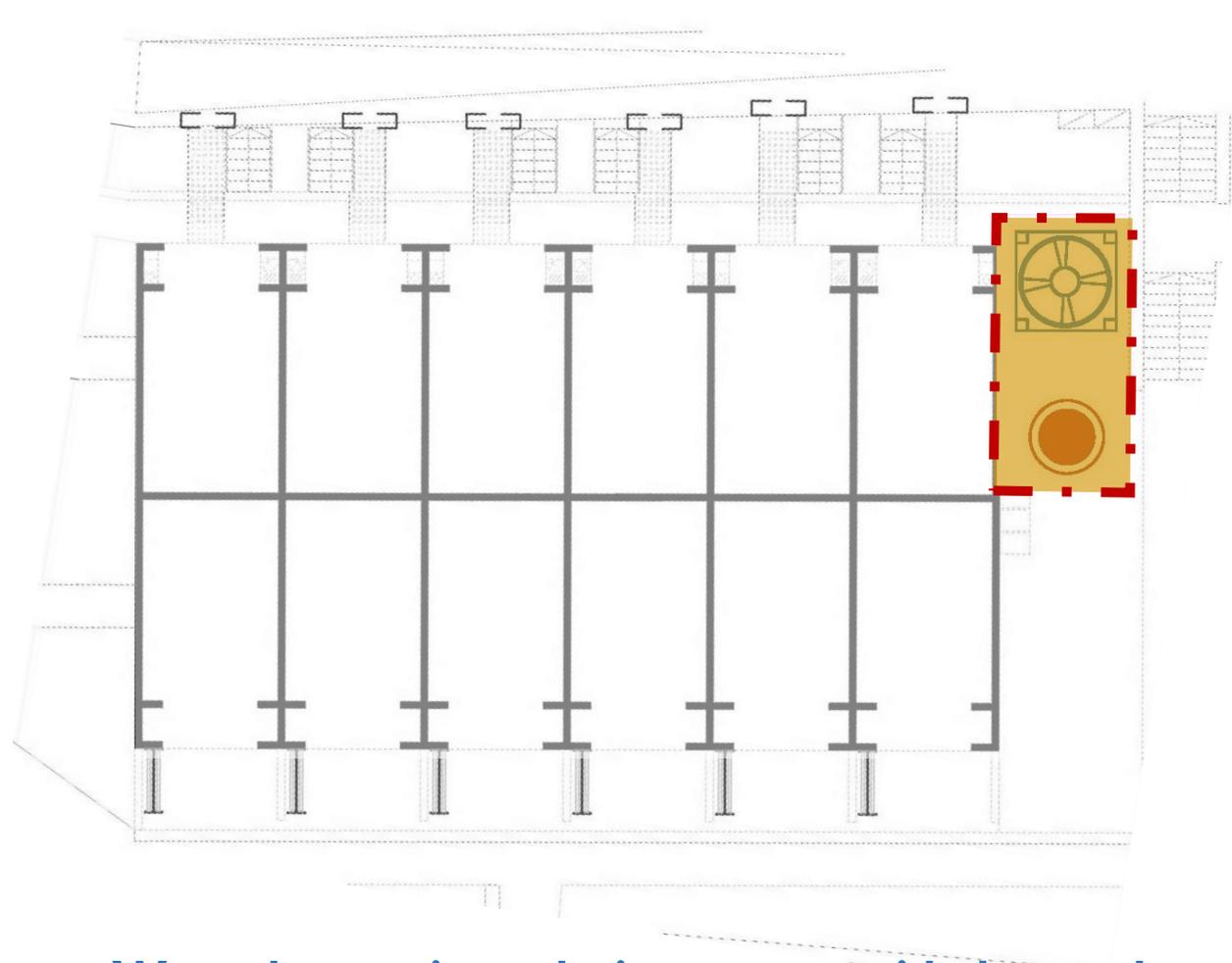
**Waste collection points are available at block level and are managed by the Owners Committee**

# **Waste collection**



**Private cooking areas can be obtained from the space between the main façade and the second skin of the building**

**Outdoor Private Kitchen**



**Water harvesting solutions are provided at each block and can be partially located underground to reduce space usage.**  
**Solar powered water pumps are planned.**

**Rainwater harvesting**

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