Ensemble scale 1:200

Ground floor plan

- Dwelling units for four different households:
  - Starter’s home (58 m²)
  - House for the elderly (116 m²)
  - Family house small (116 m²)
  - Family house big (174 m²)

- Five other functions: workspaces, day care, guest rooms, fitness room, multifunctional room

- Circulation through building
- Dwelling units for starters and for the elderly
- Dwelling units for families (small & big)
- All dwellings in the building
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Ensemble scale 1:200

West facade

South facade

Longitudinal section

Loadbearing structure consists of loadbearing walls and columns, a span of 7.2 meters and a utility shaft as stability core.

3D view of piping system, utility shaft, floor heating system.

Mechanical ventilation system with heat-recovery system.

PV glass slats for electricity & sun shading.

Sun collectors for floor heating and hot water.

Loadbearing structure: 7.2 meter 7.2 meter 7.2 meter

Expansion joints

3D view of loadbearing structure

3D views of the model
Dwelling units (family houses) scale 1:50

Floorplans of three different dwelling units for families

Section & north facade of family house big (174 m²)

Section & north facade of family house small (116 m²)