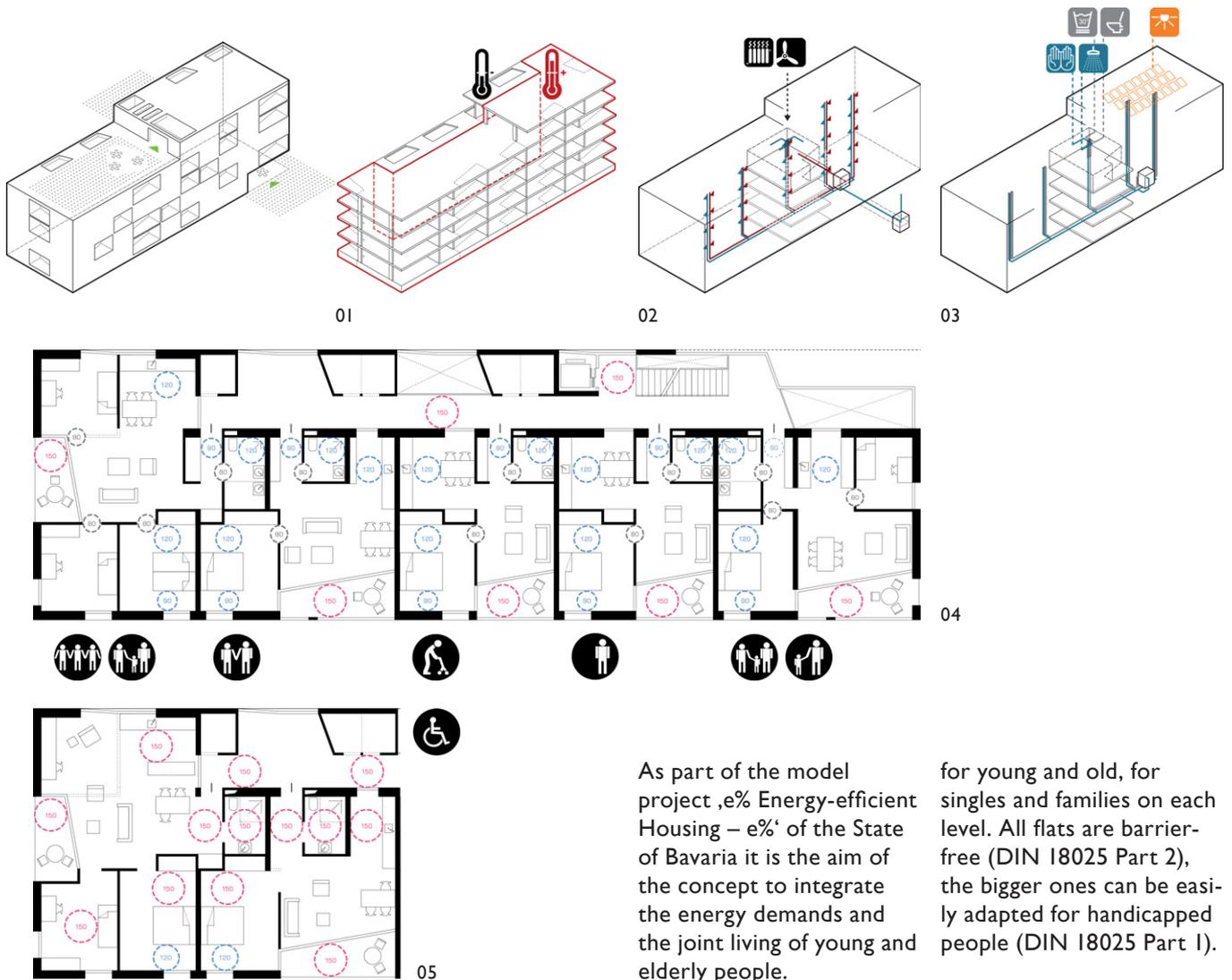


Multi-Generation House Westlich Albertinum



Multi-Generation House Westlich Albertinum – Neu-Ulm / 2008

Project	WAN
Client	NUWOG, Neu-Ulm
Status	Invited Competition
Budget	2.250.000 €
Site	1.886 m ²
Gross Building Area	2.348 m ²
Effective Area +	172 m ²
Living Area	1.343 m ²
Gross Building Vol.	6.735 m ³
Landscape	el:ch, Munich
Technical Engineering	Prof. Schreiber, Ulm
Structure	Schreiber, Stuttgart

As part of the model project ‚e% Energy-efficient Housing – e%‘ of the State of Bavaria it is the aim of the concept to integrate the energy demands and the joint living of young and elderly people.

The former barracks form the spatial frame for the new building that is conceived with its outdoor plant as an intarsia. It encases the barrack yard and reacts with its height to the adjacent elderly home Albertinum. A strip through the building connects the entrance from the North with the common spaces and the garden to the South.

The enclosed gallery gives not only access to the flats (suitable for handicapped) but also forms the daily space for communication among the inhabitants with niches and double heights between the storerooms. There are various flat sizes

for young and old, for singles and families on each level. All flats are barrier-free (DIN 18025 Part 2), the bigger ones can be easily adapted for handicapped people (DIN 18025 Part 1).

The highly isolating skin consisting of insulated brick work and triple glazing enables the achievement of the energy requirements in combination with the central ventilation recuperation system. Solar panels and a grey water system complement the technical concept.

- 01 Boundary between heated and unheated spaces
- 02 Central ventilation recuperation system
- 03 Solar panels and grey water system
- 04 Flats with DIN 18025 Part 1
- 05 Variable with Part 2