THE EXPERIENCE OF HOME
stages of perception in contemporary housing

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Materials and construction:
1- Roof construction:
- concrete floor construction
- insulation, 14 cm
- water membrane
- trapezoidal aluminium profile for water collection
- zinc profiles
- slate stone bricks, 2 cm

2- Prefab. external walls (thick):
- concrete floor construction
- insulation, 14 cm
- water membrane
- trapezoidal aluminium profile for water collection
- zinc profiles
- slate stone bricks, 2 cm

3- Prefab. external walls (thin):
- interior finishing, plasterboard, 15 mm
- vapour barrier
- wood-based panel, 13 mm
- artificial resin, 14 cm
- timber frame and mineral fiber insulation bonded with:
  - wood-based panel, 13 mm
  - insulation layer, 4 cm
  - exterior cladding, 20 mm plasterboard

4- Balcony construction:
- interior finishing, plasterboard, 15 mm
- artificial resin, 6 cm
- wood-based panel, 13 mm
- artificial resin, 14 cm
- timber frame and mineral fiber insulation bonded with:
  - wood-based panel, 13 mm
  - insulation layer, 4 cm
  - exterior cladding, 20 mm plasterboard

5- Wall construction:
- water membrane
- timber boards with inclination towards outside
- isokorb technology

6- Connecting bridges floor construction:
- interior finishing, plasterboard, 15 mm
- load bearing concrete wall, poured in situ, 30 cm, with:
  - vapour barrier
  - wood-based panel, 13 mm
- timber frame and mineral fiber insulation bonded with:
  - wood-based panel, 13 mm
  - insulation layer, 4 cm
  - exterior cladding, 20 mm plasterboard

7- Connecting bridges roof construction:
- oak parquet
- concrete screed with underfloor heating, 7 cm
- oak external finishing

8- Inside floor construction 40 cm:
- timber battens
- insulation board with water inclination towards the outside
- technology
- metal sheet and concrete floor on IPE 20 beam construction connected to the floor with isokorb technology
- mineral fiber insulation, 4 cm
- interior finishing, plasterboard, 15 mm

9- Connecting bridges facade:
- concrete floor "breedplaats", 20 cm
- 3 layers sound barrier insulation, 28 mm
- concrete screed with underfloor heating, 7 cm
- oak parquet

10- Load bearing IPE beam steel profile with external shutters
- double glazing windows with aluminium frame, fixed on T section

11- Load bearing C beam

12- Prefab. concrete block

13- Wall construction on staircase:

14- Separation walls between different units, composed by:
- interior finishing, plasterboard, 15 mm
- load bearing concrete wall, precast, 20 cm

15- Plan 1
- 5.50 m, first floor plan, scale 1:500
- 8.00 m, second floor plan, scale 1:500
- ±0.00 m, ground floor plan, scale 1:500

C perspective: different actions can take place in the same space
A, B, C, D perspectives: Pholstrasse approaching from Potsdamerstrasse
A perspective: from the living area to the bridge
B perspective: from the sleeping room to the bridge
D perspective: Pholstrasse from the park

The facade as a space:
- use of exterior niches
- the facade as a space: a bookshelf
- the facade as a space: leaning on the wall

Bridge level as public place of the house, upper floor as intimate space

Typology A+B, canyon building, 1st floor
Typology A+B, canyon building, 2nd floor

A perspective: Pholstrasse approaching from Potsdamerstrasse
A perspective: from the living area to the bridge
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D perspective: Pholstrasse from the park

For the full technical description and further details, please refer to the original source.