Housing for the Inbetweeners
P5 Drawing Booklet

TU Delft
Dutch Housing Graduation Studio 2018/2019
Between standard and ideals

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A dwelling, residential building and living environment that meets the individual wishes and needs of the inbetweeners.

In the Netherlands the percentage of people over 55 years old will increase to 37% in 2040. Furthermore, people are getting older now and in the future. One can easily differ 30 years within this age group, which also indicates people differ greatly. A dichotomy arises in this group: the 55 to 75 years old and 75 years and older. The first group is characterized by, for example, their good health. It is a group that often leaves adult family live behind (empty nest), but also does not belong to the group of elderly. This group of so-called ‘inbetweeners’ is very diverse: couples, singles, still working or retired, a traveller, artist, athlete or bon vivant. They each have individual varying housing wishes and needs, which must be reflected in the living environments, residential buildings and dwellings intended for this target group of inbetweeners.
Design | Dwelling types
Design | Dwelling types
Design | Site plan with shadows 10:00/13:30/17:00 h
Design | Floor plan first floor 1:250
Design dwelling types | Studio type 1 (46m²) 1:100
Design dwelling types | Studio type 2 (33m²) and 3 (33m²) 1:100
Design dwelling types | Apartment type 2 (87m²) 1:100
Design dwelling types | Loft type 1 (100m²) 1:100
Design dwelling types | Maisonette type 1 (100m²) 1:100
Design dwelling types | Maisonette type 2 (82m²) 1:100
Design dwelling types | Maisonette type 3 (100m2) 1:100
Basement

Ground floor

1st Floor

2nd Floor

Design | Structural scheme
Design fragment | Structure principles
Lowered ceiling in hallway for ventilation system
Design fragment | Façade impression
- Prefab betonwand (constructief)
- Wandafwerking
- Reynaers SL38 Classic, aluminium geanodiseerd gold 01 brushed
- Geleider zonwering
- Prefab betonwand (constructief)
- Wandafwerking
- Dubbel plaatmateriaal
- Dampremmende laag
- HSB element
- Isolatie
- Waterkerende damp-open folie
- Spouw
- Waste Based Bricks | Orange Raw/Sliced/Punched
- Vloerafwerking n.t.b.
- Dekvloer voorzien van vloerverwarming
- Geluidsisolatie
- Betonopstort
- Breedplaatvloer
- Plafondafwerking

- Wandafwerking n.t.b.
- Prefab betonwand (constructief)
- Dampwerende folie
- Isolatie
- Spouw
- Waste Based Bricks | Nougat
  Raw/Sliced/Punched

- Terrastegels
- Verstelbare tegeldrager
- EPDM dakbedekking
- Isolatie op afschoot 12 mm/m
- Dampwerende folie
- Betonopstort
- Breedplaatvloer
- Plafondafwerking

- Cellenbeton
- Vloerafwerking n.t.b.
- Dekvloer voorzien van vloerverwarming
- Geluidsisolatie
- Betonopstort
- Breedplaatvloer
- Plafondafwerking

- Reynaers SL 38 Classic, aluminium geanodiseerd gold 01 brushed
- Zonwering geleider

- Afwerking tegels
- Tegeldrager
- Prefab beton balkon

- Isokorf
- Duco twin ventilatierooster & zonwering
Building structure | Prefab timber frames | Insulation layer

Aluminum window frames | Brickwork of waste based bricks

Design fragment | Façade assembly