Thresholds of Appearance:
Hortus Conclusus as Artists Hub on the edge of city

P4 Presentation
TU Delft | Faculty of Architecture | Interiors Buildings Cities
Graduation Studio | The Intimate City: Antwerp City Room

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Art-scape in Antwerp

Duality between production and consumption of art
Antwerp 1908

The Brialmont Fortress was a city fortification with a fortress belt consisting of eight forwarded forts, built between 1859 and 1865. The Kielsevest was built at the same time (in 1874) with the Brialmont fortress and connected the Kelse with the Boomse Poort. Only on the north side of this street (even numbers) the grounds were parcelled for private houses. The buildings on the south side consisted of structures that belonged to the Brialmont fortress. During the demolition of the ramparts in the 1960s, these buildings were demolished, with the exception of the homes at nos. 23–25 and 31–33. The current canal around the city follows the route of this monumental, plastered wall.
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Feeling of being outside of the city, in an other place
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Building facades as Perimeter
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Mentor
Supervisor
Curator

Exhibition
Production

Research grant
Production budget

Average space for 1 artist

Studio flat
20-30 sqm

Working space
15 - 50 sqm

Co-living area
Meeting place

Workshops

Archive

Exhibition space

City room?
Spontaneous, incremental, temporal composition of space

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Enclosed garden as a typology in Antwerp

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Design
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Vehicle entrance
Loading / unloading
Artists studios

Reception for archive and workshop
AIR Antwerpen Office
Artists residency/studio (family units)

Public bike storage
Shared meeting rooms
Artists residency/studio (double units)

Artists shared living space
Artists residency/studio (single units)

Public seminar hall
Community greenhouse
Cafe

Workshop / exhibition space
Multi-function rooms

Entry from Nieuw Zuid neighbourhood
Entry from tram and bus terminal
Entry from Antwerpen-Zuid station
Entry from open landscape
Entry from carpark & flea market
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Entrance from neighbourhood

To the garden

Studio

Studios

4325

3325
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- Recycled roof tiles
- Recycled bricks
- Composite timber beams with glass frames
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Meeting room
Bike storage
Residential units
Studios
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Atelier
Living space
Bedroom
Atelier

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10 mm Toughened glass panel, back side enamelled black
45 mm air cavity
35 mm PU rigid foam board
12 mm plywood
2 mm aluminium sheet
10 mm Polyurethane coating
70 mm Under/floor heating screed
15 mm Thermal insulation
Wooden window frame
70/50 mm Steel tubes purlin
30 mm Double-glazed glass
45/45 mm Galvanized steel channel
70/50 mm Galvanized steel tube
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Greenhouse
Entrance from public carpark

Community kitchen

Community hall

 thresholds
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Community hall  Communal kitchen  Greenhouse
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**Roof construction:**
- Flat clay roof tiles
- 40 mm Battens
- Bitumen gravel surfacing
- 100 mm Wooden sub-floor
- 130 mm Wooden floor joists
- 100 mm Insulation between vapour barrier or vapour barrier
- 25 mm Wood-based panel
- 33 mm Acoustic panel
- Cross laminated timber

**Wall construction:**
- Facing tiles / Flat clay tiles
- 25 mm Air cavity
- 2 x Bitumen sheeting
- 18 mm Water-resistant plywood panel
- 40/200 mm Timber stud construction with thermal insulation between vapour barrier
- 15 mm Wood-based panel
- 33 mm Acoustic panel
- Cross laminated timber

**Floor construction:**
- 50 mm Composite screed
- 130 mm Insulation and finishing with vapour barrier
- 200 mm Reinforced concrete slab

**Aluminium glazing bar**
- Wood-based panel
- Wood-based panel
- Composite wooden frames
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Drywall construction:
- 12 mm birch veneer plywood
- Gypsum board cladding

Window frame construction:
- 15 mm birch veneer plywood
- Visible borders, 12 mm birch veneer plywood, visible edges and surfaces
- White pigment, wax finish

Floor construction: Dry floor system
- 25 mm Dry screed panels
- 5 mm Cover plate with vapor barrier
- 30 mm Sand cement isolation plate
- 70 mm Wood studs with thermal insulation and vapor barrier
- 240 mm Lignatur surface elements (1000 mm width) with thermal insulation, lighting installation, 120 mm ventilation duct

100 / 150 mm Timber beams

2 x Bitumen sheeting

18 mm water-resistant plywood panel

45 mm Battens

360 mm mineral wool thermal insulation

450 mm timber joist beams

18 mm plywood panel with vapor barrier

Desk, 24 mm veneer plywood

Linoleum table top

The residence/atelier block
West-facing facade section

1:20
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- Summer shed
- Small offices
- Storage
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60 mm Recycled polycarbonate multi-wall sheet, light diffusing

White aluminium cladding

22 mm Oriented-strand board

200 mm Structural timber

200 mm Mineral-wool insulation

18 mm Softwood lumber-core-plywood

22 mm Oriented-strand board

15 mm Fibre-cement sheeting with vapour barrier

200 mm Thermal insulation

15 mm Fibre-cement sheeting

2x 15 mm Fibre-cement sheeting

22 mm Oriented-strand board

25 mm Ventilated cavity

250 mm Facing brickworks

20 mm Fibre cement cladding

100 mm Battens with ventilated cavity facade membrane, moisture-diffusing

22 mm Wood-/fibre sheathing

22 mm Oriented-strand board

52/48 mm Aluminium pro/f_ile plastic sealing layer

White aluminium cladding

22 mm Oriented-strand board

20 mm Fibre cement cladding

20 mm Battens with ventilated cavity facade membrane, moisture-diffusing

22 mm Wood-/fibre sheathing

20 mm Battens

22 mm Oriented-strand board

The factory block
West-facing facade section
Verticle and horizontal 1:20
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