Ensemble:
Coexistence of Urban Experience and Daily Routines

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Delft University of Technology,
Architecture & Dwelling Graduation Studio: At Home in the City

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Delft, January 2015
site analysis

problem statement | research question

theme research

urban plan

dwelling typology

climate design
site analysis | future plan
public and collective open space as an active extension of an individual's private domain
problem statement | research question

public and collective open space as an active extension of an individual’s private domain

a high level of mobility, personal isolation, and independence from a communal context

Problem statement | Research question

- Public and collective open space as an active extension of an individual’s private domain
- A high level of mobility, personal isolation, and independence from a communal context
- Complex mega structures like a collection of isolated and unrelated fragments

*Curran, R.J., Architecture and the urban experience (1983)*
problem statement | research question
problem statement | research question

public open space

collective open space
problem statement | research question

movement
problem statement | research question

movement

function

[Legend]
- DWELLING
- PUBLIC
‘Activity generated by people on errands, or people aiming for food or drink, is itself an attraction to still other people. ... People’s love of watching activity and other people is constantly evident in cities everywhere.’

‘A good city street neighborhood achieves a marvel of balance between its people’s determination to have essential privacy and their simultaneous wishes for differing degrees of contact, enjoyment or help from the people around.’

Mono-functional dwelling district which doesn’t corresponds with its surrounding context:

Dwelling in the city can react on diverse context of surroundings, which is completely different from the remote rural areas. Van der Kunbuurt confronts misuse of street and open outdoor space where only the rampant anonymity exists without exposing strong personality of residents.
PROBLEM STATEMENT

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RESEARCH QUESTION

- How can dwelling ensemble in city, create stimulating neighborhood streets where differing degrees of contact can happen with keeping the essential privacy.
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RESEARCH QUESTION

- How can dwelling ensemble in city, create stimulating neighborhood streets where differing degrees of contact can happen with keeping the essential privacy.
- How to transform an existing neighborhood to a neighborhood which fits to the demands of the dweller of the 21st century without losing the character of this site.
theme research | dwelling in spaces of movement
theme research | dwelling in spaces of movement

- clear distinction between public and private
- parking garage is located below the ground level

Zuidpoort: Public Space Facade Expression
theme research | dwelling in spaces of movement

- collective space is only accessible by dwellers
theme research  | dwelling in spaces of movement

- non-restrictive access to collective areas is possible which are not dominated by necessary activities
theme research | dwelling in spaces of movement

- diverse scale and proportion can be experienced in public space while intimate human scale is provided in collective space
urban plan | current situation
urban plan | clear distinction between public & private
urban plan | routing
urban plan | square & sightline
urban plan | square & sightline
urban plan | transformation
urban plan
urban plan | movement | current situation
urban plan | movement | design proposal
urban plan | function | current situation

ground level

- dwelling
- public function
urban plan | function | proposal

ground level

dwelling  working + living  public function
urban plan
urban plan
urban plan
urban plan | transformation unit
urban plan | working + living unit
urban plan | single housing
ground floor plan | entrance
first floor plan | entrance
first floor plan | commercial function
third floor plan

- SHARED KITCHEN + LIVING
- STUDY AREA
west elevation
housing design concept

- Mixed Use
- Natural extension of indoor space to outdoor space
- Extruded balcony
- A way to the backside homes
- Irregular width of the building
- Decreasing size of windows in upper level
- Big Openings to the Courtyard / Living or Kitchen area is connected
- Plantation
typology

Transformation / Family Housing
32 units

Working + Living unit / Family Housing
18 units

Single Housing
110 units
typology _ transformation

Transformation / Family Housing
typology _ transformation
typology _ transformation
typology _ transformation
typology _ transformation
typology _ transformation
typology _ transformation
typology _ family housing

Workign Living unit
/ Family Housing
typology _ family housing

Ground Floor Plan 1:100
typology _ family housing

First Floor Plan
typology _ family housing
typology _ family housing

Second Floor Plan
typology _ family housing

Thrid Floor Plan
typology _ family housing

Fourth Floor Plan
typology _ family housing
typology _ family housing
typology family housing
typology _ family housing

Holes will be required in the beams to accommodate services transverse to the frames.
typology _ family housing
typology _ single housing
typology _ single housing
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typology _ single housing
climate design

ventilation
climate design

heating
climate design

water supply
ventilation