WELCOME TO THE FINAL PRESENTATION OF NICO LEFERINK
P5 FINAL PRESENTATION OF
N.W. Leferink

OPEN UP THE SEMI-PUBLIC SPACE.
A PLEA FOR A WORK & LIFE DWELLINGS IN AMSTERDAM
Project location in Amsterdam
Project location in Amsterdam
Project location in Amsterdam
Overview - Positive Elements in the District, The Kromhout Museum & lots of nature
Overview - Positive Elements in the District, supermarket and tram stop
Overview - Negative Elements in the District, dwelling lost connection with public realm
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Overview - Negative Elements in the District, dwelling lost connection with public realm
Huren in Amsterdam nog nooit zo hoog

Overview - High rents results in a homogen age of dwellers (45-55)

Huren Amsterdam op recordhoogte

Gemiddelde huurprijs per vierkante meter (in euro's)

<table>
<thead>
<tr>
<th>Jaar</th>
<th>Amsterdam</th>
<th>Utrecht</th>
<th>Den Haag</th>
<th>Rotterdam</th>
<th>Eindhoven</th>
</tr>
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<tbody>
<tr>
<td>2007</td>
<td>12</td>
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</tbody>
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Bron: Pararius
The Problem Statement (Conclusion):

The neighborhood is a abandoned atmosphere. Inhabiters 45-55yrs which can still effort the high housing prives live temporary but work somewhere else. Resulting in a neighborhood that is used only temporarily.

The relocation of facilities and neglect of public space as an outcome.
The Design Concept:

A project design Based on low-rise high density dwellings, for single or double households which combine work and life in the same dwelling and simultaneously provide (and stimulate) the semi-public space as a natural transition between public and private space.
Solo, het nieuwe normaal

Nederland telt al bijna drie miljoen alleenwoners en dat worden er steeds meer. Hoog tijd voor een nieuwe emancipatiegolf.

Door Maartje Duin Foto's Ivo van der Bent

Alleenstaande wordt de nieuwe 'hoeksteen'

door Eveline Brandt – 14/02/06, 00:00

Het percentage Nederlanders dat alleen woont, blijft stijgen. Een op de vier mannen tussen de 18 en 62 jaar woont niet samen met een partner en heeft geen relatie. Bij vrouwen is dit een op de vijf.
What is the definition of the semi-public space?
Overview - Semi Public space, a place of temporary claimage of the public realm.

Local activities on public space
Overview - Semi Public space  a place of temporary claimage of the public realm

personal items on public space
Overview - Semi Public space  a place of temporary claimage of the public realm

Combination of both
The Public Realm:


The user (singlehouseholds):

‘Among singlehouseholds there is an average bigger risk of feeling lonely. A not inconside able problem, with even a wors effect on life expectancy than smoking or drinking’.

33% of youth of the eenvandaag opionpanel advocate to be lonely (episode 26-06

According to socialoge Gierveld: *loneliness is not growing under singlehouseholds because theyinvest more and more in commitments outside a partnership.*

(Duin, M., 2014, De volkskrant)
The method
The method

Level 01 - Theoretical approaches

Level 02 - Research based on observation

Level 03 - Theoretical approach (country based)

Level 04 - The Executive Approach
Theme Research
global research to the semi-public space

LONDON
Robinhood Gardens

BEIJING
Chinese Courtyards

COPENHAGEN
Kartoffelreakan
Several visits to European Cities to experience the semi public space.
Several visits to European Cities to experience the semi public space.

BARCELONA

BUDAPEST

AMSTERDAM
The Method - Level 4, executive approach

SEMI PUBLIC STIMULATION

IDENTITY
- PARTICIPATION OF DWELLER
- COMMUNAL FACILITIES

UPGRADE LIVEABILITY
- DISTRICT
- NEIGHBORHOOD

EASY TRANSITION
- PUBLIC - SEMI-PUBLIC
- PRIVATE - SEMI PUBLIC
The (urban) principles
The (urban) principles

Upgrade Public Space  Stipulate interaction  Small Building Blocks
The Urban Principles - Upgrade the District, Nature

Upgrade public realm
Upgrade the public realm
Upgrade public realm
The Urban Principles - Stimulate interaction

Interaction
The Urban Principles - Level 1 of Publicness, Public streets

Level 1 Streets
Level II
Courtyards
The Urban Principles - Level III of Publicness, Small alleys

Level III
Alley system
The Urban Principles - Focus on important intersections

focus points
The Urban Principles - Lower street level down for connection to the canal
The Urban Principles - Lower street level down for connection to the canal
The Urban Principles - push street level op for more human scale in courtyards
The Urban Principles - push street level op for more human scale in courtyards
The block logic
The Block Logic - 4x4m Room, ideal for communal activities (leupen)
Dutch House
Dutch House
The Block Logic - No Blind spot in the Public fabric

4x4x4 Room

BLOCK L.
The Block Logic - Facility Core, blind spot
The Block Logic - Facility Core, the Solution

Core Room
The Block Logic - Facility Core, the Solution

Core Room
The Block Logic - Repetition for bigger buildings
The Block Logic - Repetition for bigger buildings
The Block Logic - How to connect the rooms

**Link System**

ex trovert

in trovert
The Block Logic - The buildings

444 Building
The Block Logic - The buildings

4410 Building
The Block Logic - The buildings in the Urban Design

BLOCK L.
The Block Logic - The buildings in the Urban Design
The dwelling types
The dwelling types

Ground connected Dwellings

Work Dwellings

Merge possibilities
The Dwelling types - Logic

BUILDING

34 TYPES

446 Building
The Dwelling types - Logic

35 TYPES

446 Building
The Dwelling types - Work Dwelling Type A

Type A 61+41m²

00  Office 41 m²
01  Living & Dinning 40m²
02  Bedroom 21 m²
The Dwelling types - Work Dwelling Type A

Type A 41+61m²

00 Office 41 m²
01 Living & Dinning 40 m²
02 Bedroom 21m²
The Dwelling types - Work Dwelling Type A

Type A $41+61m^2$

- 00 Office 41 m²
- 01 Living & Dinning 40 m²
- 02 Bedroom 21 m²
The Dwelling types - Dwelling type B

Type B 61m²

00  Living & Dinning  40m²
01  Bedroom  21m²
The Dwelling types - Dwelling type B

Type B 61m²

00 Living & Dinning 40m²
01 Bedroom 21m²
Type C  41+61m²

00  Office  41m²
01  Living & Dinning  40m²
02  Bedroom  21m²
The Dwelling types - Work Dwelling type C

Type C 41+61m²

00 Office 41m²
01 Living & Dinning 40m²
02 Bedroom 21m²
The Dwelling types - Work Dwelling type C

Type C 41+61m²

- 00 Office 41m²
- 01 Living & Dinning 40m²
- 02 Bedroom 21m²
The Dwelling types - Dwelling Type D

Type D 41m²

01 Communal Glasshouse –
02 Living, Dinning, 41m²
02.5 Bedroom –
The Dwelling types - Dwelling Type D

Type D 41m²

01 Communal Glasshouse –
02 Living, Dinning, 41m²
02.5 Bedroom –
The Dwelling types - Dwelling Type D

<table>
<thead>
<tr>
<th>Types</th>
<th>Area</th>
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<tbody>
<tr>
<td>01 Communal Glasshouse</td>
<td>02 Living, Dinning, 41m²</td>
</tr>
<tr>
<td></td>
<td>02.5 Bedroom</td>
</tr>
</tbody>
</table>
The Dwelling types - Senerios, Work Room to Dwelling

Office > Dwelling

00  Office
00  Transformation
00  Dwelling
Dwelling types - Senerios, Work Room to Dwelling

Dwelling 41 m²

- 00 Office
- 00 Transformation
- 00 Dwelling
Combine two Dwellings

01 Dwelling type C
01 Transformation
01 Dwelling type A+C
01 3 bedroom apprtm

The Dwelling types - Senarios, Combine two Dwellings
The Dwelling types - Senerios, Combine two Dwellings

Combine two Dwellings

01 Dwelling type C
01 Transformation
01 Dwelling type A+C
01 3 bedroom apprtm
Combine two Dwellings

01 Dwelling type C
01 Transformation
01 Dwelling type A+C
01 3 bedroom apprtm
The Dwelling types - Senerios, Combine two Dwellings

Dwelling 82+123m²

01  Dwelling type C
01  Transformation
01  Dwelling type A+C
01  3 bedroom apprtm
The interior
The interior

Prefab Base Construction

Facility Modules

Space For own Choise
The Interior - Normal Building plan 446.
The Interior - Big free space to configure
Building

Space to build

The Interior - facilities need to have a fixed structure
The Interior - Prefab Wood Construction, Framework for Dwellers
The Interior - Prefab Woord Construction, Framework for Dwellers
The Interior - Facility Modules, main types of modules

Toilet Module

Shower Module

Kitchen Module
The Interior - Location of facility modules
The Interior - Location facility columns
The Interior - Location facility columns
The Interior - Location facility columns
Climate principles
Climate principles

Communal Resources

Integrate Climate network

Individual Climate zones
The Climate Principle - Resources, Communal ventilation pipe to each glasshouse
The Climate Principle - Resources, Communal solar collector system to each glasshouse
The Climate Principle - Resources, glasshouse for communal meter box

Meter Box
The Climate Principle - Normal dwelling heat principle

Dwelling A - Room 1: 25°C
Dwelling A - Room 2: 25°C
Dwelling A - Room 3: 25°C
The urban interior
The urban interior
two kinds of facade
Split level
Normal
The Urban Interior - How to stimulate the Semi Public Space?

Bay Window

Balcony

Window Display
The Urban Interior - Facade opening elements no force to connect with the public space
The detail
The Detail - How to stimulate the Semi-Public space

The detail

Own Fabrication

Less independent system
Woodconstruction
Prefab floors
Wooden dowels
Own fabrication
The detail - 05 Constructing window frames to innerwalls
Inside is waterproof fit for technical installation.
The detail - 06 Constructing climate installations (floor heating etc.)
The detail - 07 Constructing outer prefab facade element

Outer prefab Facade
The detail - 07 Constructing outer prefab facade element
Last insulation layer
The detail - 09 Finish facade with wood panels

Finishing layer
The final images of this presentation

Thank u for your attention!