unawareness of beauty in ugliness

graduation presentation | 6 july 2020
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unawareness of beauty in ugliness

the state of not knowing or realizing that something is happening or that something exists.
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01

introduction
01

introduction

context
challenges
chosen building
research question
context fascination for the backsides
context fascination for the backsides
context fascination for the backsides
context fascination for the backsides
opportunity 01 develop a strategy for backsides
context difference frontside
context era of the 70's
opportunity 02 research the further heritage
opportunity 03 densify and redevelop the housing stock
context backareas Rotterdam
what can we do? 
do we want do to something?
How to build a million new homes

Last spring, Minister of Foreign Affairs Kajsa Ollongren suggested that the Netherlands will need a million new homes by 2030. That sounds like a lot, but it isn’t really. The important question is: what types of homes? We mustn’t repeat the mistake of building endless series of exactly the same homes, says Prof. Dick van Gameren, Professor of Dwelling at TU Delft.

architectural strategy densification | housing stock
no spatial quality at the backside

era of the 70’s

vacancy in the plinth and disbalanced housing stock

challenges assignment
challenges  questions

context  era  densification
backside  architectural language  housing stock
How can these seventies backside areas with a lack of spatial quality be improved and answer the current question for densification?

What are the elements that are creating an area with a lack of quality, no liveliness and gives an unsafe feeling and what are generic design solutions to solve this?

How to incorporate the desires of the residents of Almere Haven in the densification question?

What are the possibilities for infill and improvement within a 70’s neighbourhood regarding the current sustainable and densification questions?
complex
01 first core of Almere on Flevoland

02 village feeling

03 mixing and stacking functions

context urban strategy
chosen building backside
chosen building expeditionarea - use value
chosen building plinth
chosen building details - elements 70’s
chosen building details - elements now
5 levels  max building height
6 types  households
offices and retail

chosen building  households
- Reinterpret and improve the backside area
- **Serve the community of Almere Haven again**
- Change in program possible

- **context**

- Reinterpret or repair the elements in the architectural language of the 70’s
- Interventions in the backfacade are possible
- Repair the architectural articulation of the plinth
- Reinterpret the bufferzone in the plinth

- **era**

- Strengthen the diversity in households
- **Interventions with the human scale as a priority**

- **densification**

**chosen building** cultural value conclusions
Ambition

redevelop the backside area and provide a strategy to gain spatial quality when an improvement or densification is asked.
02

design strategies
02

design strategies

research
strategies
urban
architectural
PART 1
What are the cultural values of the site

PART 2
How to combine the fascination and the values into a design
research subjects

case context

era

densification
plinth elements

blind

Shed
Blind facade

closed ‘openings’

Garage
Elektric House
Blind window
Bar fence

Back entrance supply
Backdoor staircase
Underpass

objects

Airco
Reclame

urban elements

objects

Road poles
Lighting
Traffic sign
Bin
Litter

materiality

Road
Pavement
Parking lot
Tree
Bush

private infill

Lowrise Fence
Highrise Fence

research context elements
reprogram of new program

research context reprogram
**research context**

reprogram - bufferzone

based on the theory of David Sim in the book: Soft City, Building Density for Everyday Life
research era details
research era neighbourhood architecture
research era neighbourhood architecture
research era summary of 70’s architecture

1. Roof shape
2. Window offset in relation to each other
3. The robust facade surfaces with brick and wood
4. The little window next to the door to have social interaction.
research densification size of densification
research densification size of densification
research densification size of densification
context
- Reprogram
- Bufferzone

era
- Architectural language of the neighbourhood
- Building height

densification
- Density within existing building envelope
- Diversity in households

research conclusions
urban design strategy
strategy urban design
rearrange the delivery system
bus stop, 20 min in Amsterdam

combination of shared cars and private cars

strategy urban design
remove majority of the cars
strategy urban design
rearrangement of program in the plinth
strategy urban design

rearrangement of program in the plinth
strategy urban design
rearrangement of program in the backside area
architectural strategy
complex

opening the plinth

transformation

program in front of existing

rearrange existing

new

architectural strategy strategies
architectural strategy context current situation
architecture strategy context rearrangement program

01 transformation of retail into homes
02 program in front of the existing program
03 rearrange existing program
building technology strategy era | elements | repair | reinterpret
building technology strategy era  current
building technology strategy era  insulation thermal bridges
building technology strategy era  elements | repair
building technology strategy era elements | reinterpret
architectural strategy era opening up the backside plinth
building technology strategy era elements | repair
The robust facade surfaces with brick and wood.

The little window next to the door to have social interaction.

Window offset in relation to each other.

architectural strategy era summary 70’s
architectural strategy era  translation 70’s to 20’s
densification strategy

- transformation
- splitting
- new

elderly app
studio
two room app
work - homestudio
studio
family home
03

Design
03 design

strategy 01 - transformation
strategy 02 - new
strategy 03 - program in front of existing
strategy 04 - rearrange the existing
design 01 transformation frontside
design 01 transformation living room
design 01 transformation bedroom
design 01 transformation elderly appartment
design 01 transformation element triangle window
design 01 transformation element triangle window
design 02 new frontside
design 02 new interior
design 03 program in front of existing
design 02 program in front of existing
design 03 program in front of existing context
design 03 program in front of existing backside
design 04 rearrange of the existing program
design 04 rearrange of the existing program
design 04 rearrange of the existing program context
design 04 rearrange of the existing program backside
design 04 rearrange of the existing program element gallery | exterior
design 04 rearrange of the existing program element gallery | interior
04 impact
context
era
densification
The current design and the proposed design have been compared. The current design shows a significant portion of the area dedicated to streets, with smaller sections for storage, green spaces, parking, housing, and bufferzones. The proposed design aims to reprogram the space, with a larger emphasis on green areas and reduced space for storage and bufferzones. The impact of these changes is evident in the shift towards more green space and a more balanced distribution of other functions.
Traditional brick

impact material
Brick slip

impact material
Traditional brick: 246.772
Brick slip: 74.031

Impact material:

-70%
impact densification
impact densification
How can these seventies backside area’s with a lack of spatial quality be improved and answer the current question for densification?
Reprogram to partly opening up the backside plinth

Create comfortable layered buffer zone

Respect the architecture of the surrounding to create coherency

Explore densification within the building envelope

reflection
unawareness of beauty in ugliness

the state of not knowing or realizing that something is happening or that something exists.

oxford dictionary
unawareness of beauty in ugliness

1. the fact of knowing that something is true or exists

2. concern or interest in a particular situation or development
awareness
thank you